



FOR MORE THAN 50 YEARS
EVERYTHING BOLTS WANT.



A photograph of a modern, two-story yellow building with a balcony, viewed through a circular frame. The building has a dark blue upper section with a large white logo that reads "paoli". The balcony is white with a metal railing. The ground in front of the building is paved with light-colored bricks.

 paoli®

 medina paoli®

THE COMPANY

DINO PAOLI S.r.l. supplies all the teams participating in F1, F2, DTM, V8-SUPERCAR, INDYCAR, NASCAR, and almost all racing teams in ENDURANCE, GT, IMSA.

DINO PAOLI, the strength of a winning idea embodied in a company working in different sectors: motorsport, automotive, and industry.

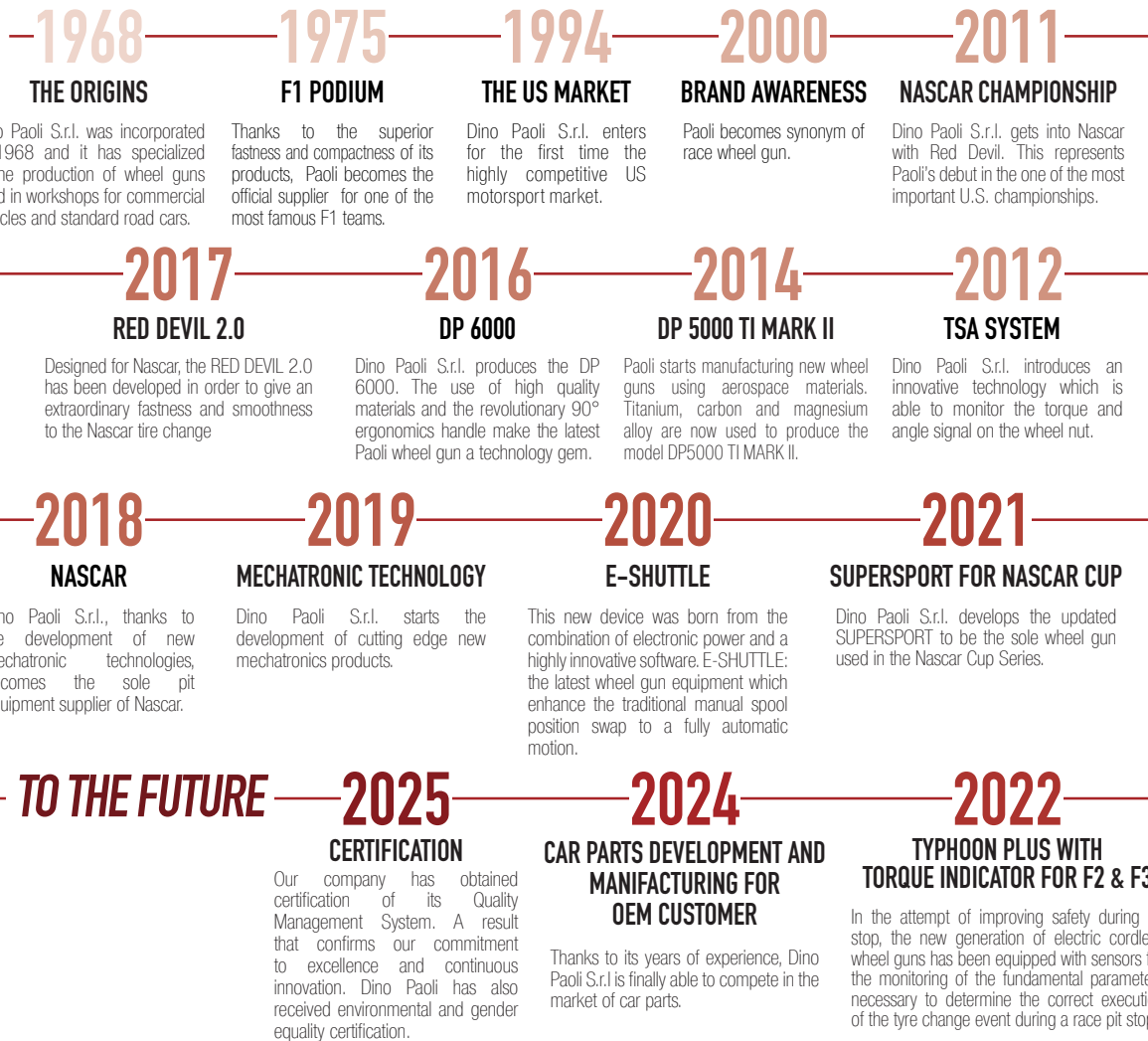
A craft industry vocation and a long-standing tradition in the production of pneumatic impact wrenches and accessories have led the company to lead the Motorsport sector, making it the ideal partner for several teams, thanks to the high speed and reliability of its products.

Wheel guns to suit all the needs of those who believe in speed, making the pit stop a fundamental element in the outcome of a race.

Quality, technology, innovation and close collaboration with customers are just some of the features that have made DINO PAOLI a successful name in the racing world.



HISTORY



DEVELOPMENT



450.000
IMPACT
WRENCHES
SINCE 1968



100%
F1 TEAMS
USE PAOLI GUNS



7.000
HOURS
OF TRAINING



700
RESELLERS
IN THE WORLD



40
AVERAGE AGE
OF PAOLI EMPLOYEES



10%
TURNOVER
REINVESTED IN
TECHNOLOGY



25
PATENTS
12 PATENT PENDINGS

FORMULA 1

FORMULA 2

FORMULA 3

NASCAR

SUPER FORMULA

24H LE MANS

SUPER GT

FANATEC

WEC

ENDURANCE

ELMS

GT WC

INDYCAR

IMSA

SUPER TAIKYU SERIES

V8 SUPERCAR

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

80%

50%

50%

NEW PRODUCT

S

PAOLI SOCKETS

- 81 LAMBORGHINI HURACAN/
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The unique wheel guns
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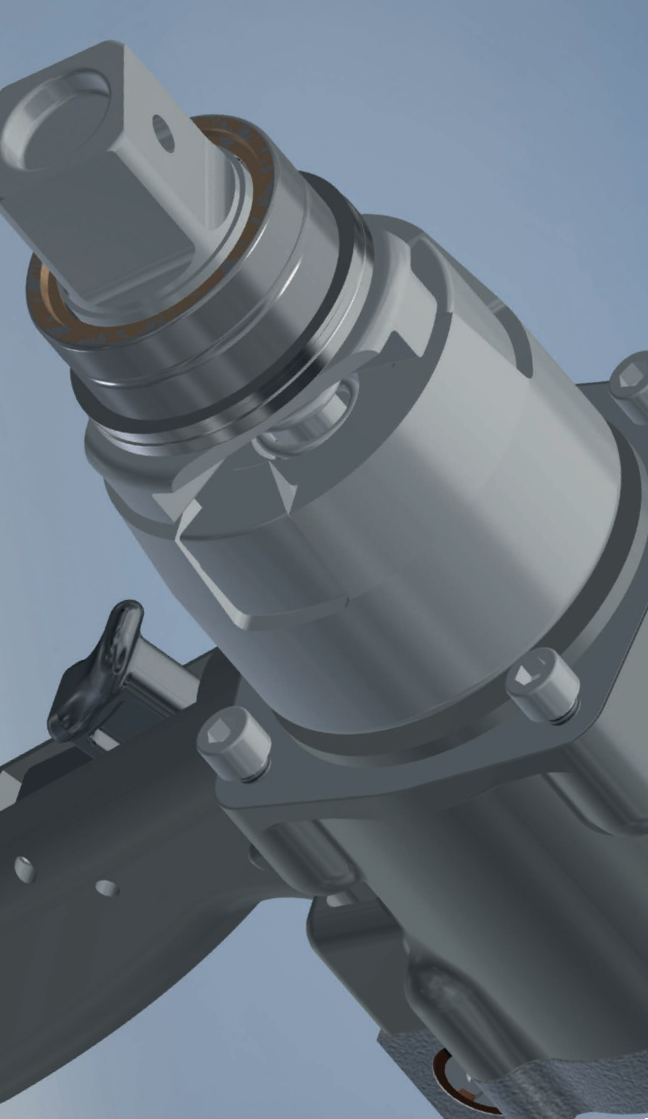
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(lower pressure - 6,3 bar)

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ENGINEERING

ENGINEERING SERVICE

Since 1968 we have been manufacturing wheel guns, and we would now like to get our professionalism and experience available to our customers to an even greater extent.

We have heavily invested in research and development in order to get procedures and instruments suitable for the study and creation of products most suited to the growing needs of the automotive industry.

Dino Paoli is in fact now able to offer to customers an Engineering service which consists in the development of variations of wheel guns components customized according to different needs.

The engineering offer covers several areas: performances, durability, ergonomics, lightness.

To obtain these results we use and work on materials from the aviation and military industry, such as special steels, carbon fibre, aluminium and magnesium alloy, titanium.

The design of the new components is tested using finite element analysis (FEM) and once designed (CAD) these are produced using CAM, which allows us to easily obtain even geometrically complex parts.

Lately we have introduced the CFD air flow analysis to further optimize our wheel guns performances.

We also have a range of suppliers very skilled in heat treatments, who are capable to accurately identify the expected mechanical features.

CNC DEPARTMENT

MOTORSPORT-AUTOMOTIVE-INDUSTRY-AEROSPACE-UNDERWATER

Driven by continuous investment in cutting-edge technology, production growth, and highly skilled personnel, Dino Paoli's CNC machining department is a true milestone of innovation in precision engineering. We work with a wide range of materials, including alloyed and low-alloy steels, aluminum, and titanium.

From initial concept to final assembly, we provide comprehensive support across the entire production cycle including design, prototyping, raw material sourcing, machining, and quality assurance. Our newly expanded quality control department, equipped with advanced instruments such as the MITUTOYO MiSTAR 555 CNC Measuring Machine, guarantees the highest level of precision and quality for every single component, all within the framework of our EN9100:2018 and ISO 9001:2015 certified quality management system.



Company with a Quality Management System certified by Kiwa Cermet Italia S.p.A according to:

Azienda con Sistema di Gestione per la Qualità Certificato Kiwa Cermet Italia S.p.A. secondo le norme:

**EN9100:2018, AS9100D,
JISQ 9100:2016**

ISO 9001:2015



Company with an environmental management system certified according to the standard

UNI EN ISO 14001:2015



Company with a gender equality management system certified according to the standard

UNI/PdR 125:2022







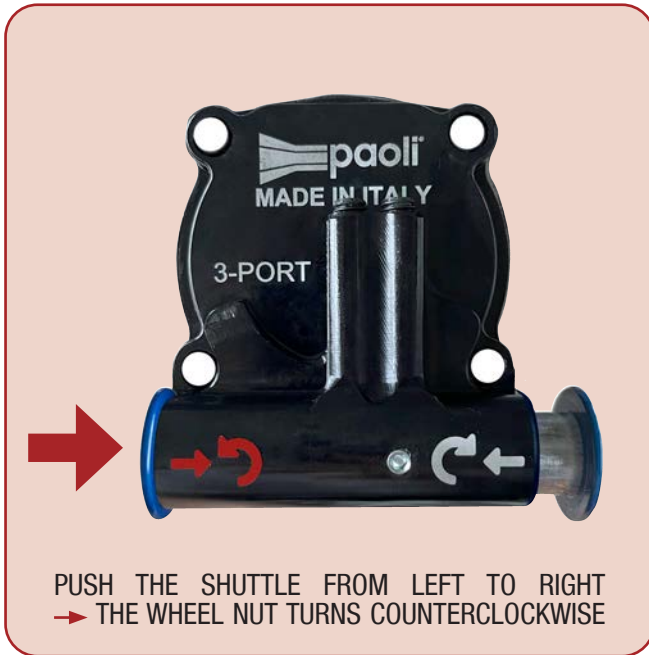
WHEEL GUNS

THE UNIQUE WHEEL GUNS IN MOTORSPORT RACES

DIFFERENCE BETWEEN 2-PORT AND 3-PORT SHUTTLE

THE PORTS ARE THE HOLES IN THE SHUTTLE (THEY CAN BE 2 OR 3). THIS DEFINITIONS REFERES TO THE SHUTTLE MOTION.

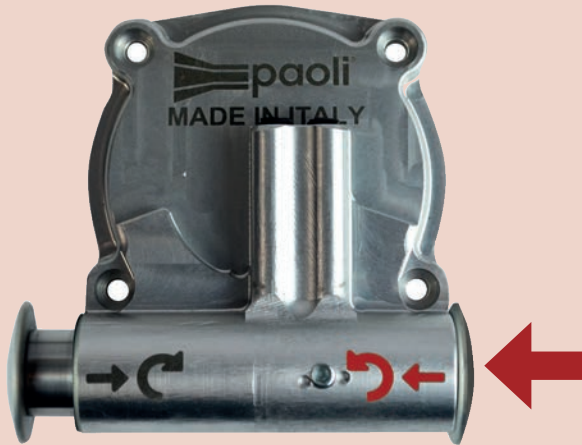
3-PORT (STANDARD AND MORE PERFORMING VERSION)



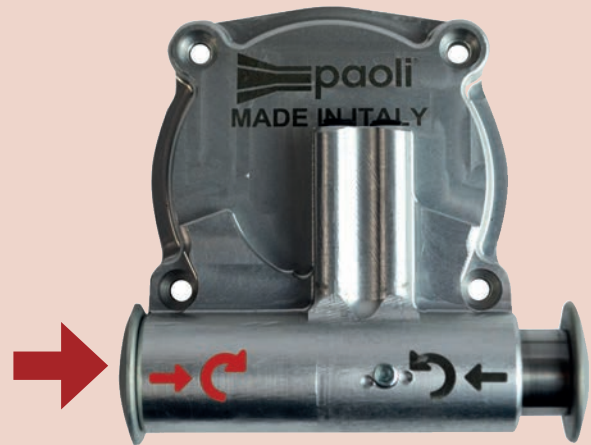
DIFFERENCE BETWEEN 2-PORT AND 3-PORT SHUTTLE

THE PORTS ARE THE HOLES IN THE SHUTTLE (THEY CAN BE 2 OR 3). THIS DEFINITIONS REFERES TO THE SHUTTLE MOTION.

2-PORT (ON DEMAND)



PUSH THE SHUTTLE FROM RIGHT TO LEFT
→ THE WHEEL NUT TURNS COUNTERCLOCKWISE



PUSH THE SHUTTLE FROM LEFT TO RIGHT
→ THE WHEEL NUT TURNS CLOCKWISE



RADIAL HAMMER MECHANISM

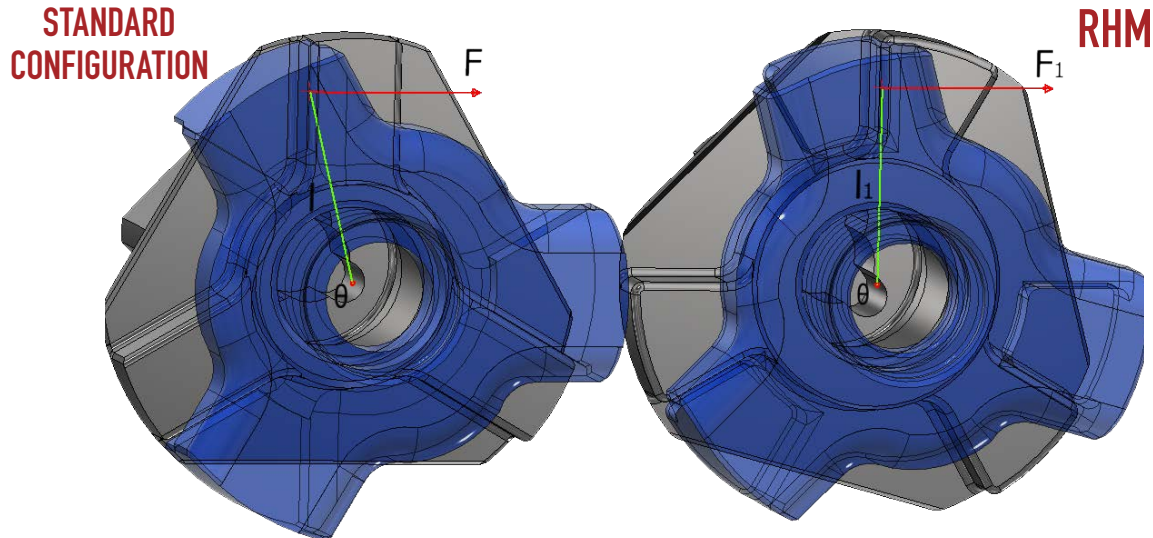
RHM Radial Hammer Mechanism for intensive use and for increased durability. **RHM** is the technological evolution of the 3-JAW SYSTEM, which thanks to a different distribution of impacts, guarantees greater **EFFICIENCY**, a superior **PERFORMANCE** and a **LONGER LIFESPAN** of the hammer mechanism parts thanks to the new developed geometry.

PRODUCT	RHM	PRODUCT	RHM
HURRICANE 2.0 CLASSIC HANDLE	✓	RED DEVIL BLACKBIRD	✗
HURRICANE 2.0 90° ANGLED HANDLE	✓	DP36 SF EVO	✗
HURRICANE 2.0 SPLINE	✓	4BIKE	✗
HURRICANE 90° ANGLED HANDLE	✓	DP1040	✗
DP6000 CLASSIC HANDLE	✓	E-GUN	✗
DP6000 90° ANGLED HANDLE	✓	TYPHOON PLUS TORQUE INDICATORS WITH SHUT OFF	✗
DP6000 SPLINE	✓	TYPHOON PLUS WITH TORQUE INDICATORS	✗
DP6000 BIAS	✓	TYPHOON PLUS	✗
SUPERSPORT	✓	TYPHOON 1"	✗
DP5000 TI MARK II	✓	TYPHOON BRUSHLESS	✗
DP4000 ALU	✗	TYPHOON	✗
DP4000 30BAR	✓	ROCKET	✗
DP2000 SE	✗	TORNADO	✗
DP177SFE	✗	TOOLKIT	✗
RED DEVIL 2.0 STREET LEGAL	✗		

In the **STANDARD CONFIGURATION** of the hammer mechanism, visible in the image **ON THE LEFT**, it can be observed that the axis of the junction of the jaws (green line) is not perpendicular to the direction of the applied force (red line). This arrangement does not optimize the transmission of kinetic energy upon impact.

The **RHM** configuration (image **ON THE RIGHT**), introduces an important geometric modification: the axis of the junction of the jaws is perpendicular to the applied force (F_1). This alignment ensures **GREATER EFFICIENCY** in the impact, with a consequent **REDUCTION IN ENERGY CONSUMPTION** and an **INCREASE IN THE TORQUE DELIVERED**.

The optimized geometry of the **RHM** hammer mechanism allows for maximizing the transfer of kinetic energy during impact, reducing losses due to vector components of the force that are not aligned with the direction of rotation.



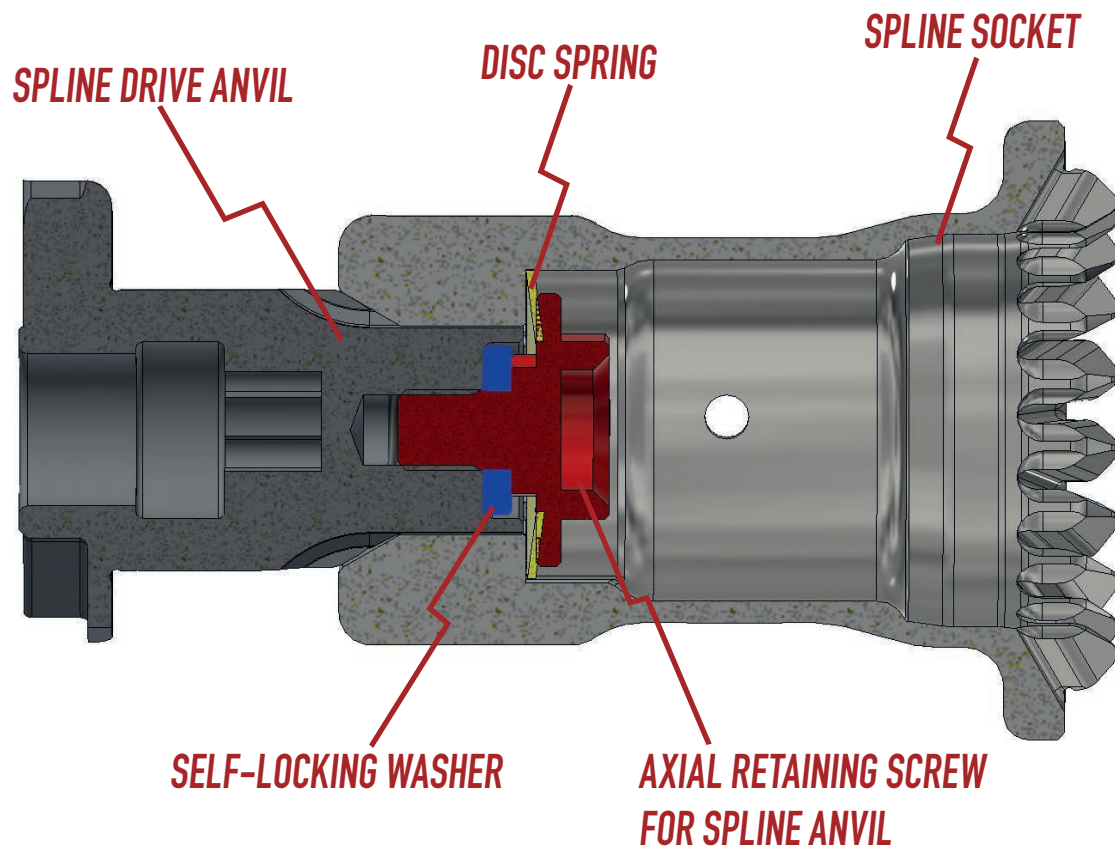


SPLINE DRIVE

From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new technology is born: the **SPLINE DRIVE**. This means the following advantages:

- More **EFFICIENT CONNECTION** than traditional square drive anvil thanks to the elimination of gap and vibrations
- More **DURABILITY** due to less wear
- More comfort and **SAFETY FOR THE OPERATOR** thanks to the removal of the pin

PRODUCT	SPLINE DRIVE	PRODUCT	SPLINE DRIVE
HURRICANE 2.0 CLASSIC HANDLE	✓	RED DEVIL BLACKBIRD	✗
HURRICANE 2.0 90° ANGLED HANDLE	✓	DP36 SF EVO	✗
HURRICANE 2.0 SPLINE	✓	4BIKE	✗
HURRICANE 90° ANGLED HANDLE	✓	DP1040	✗
DP6000 CLASSIC HANDLE	✓	E-GUN	✓
DP6000 90° ANGLED HANDLE	✓	TYPHOON PLUS TORQUE INDICATORS WITH SHUT OFF	✓
DP6000 SPLINE	✓	TYPHOON PLUS WITH TORQUE INDICATORS	✓
DP6000 BIAS	✓	TYPHOON PLUS	✓
SUPERSPORT	✓	TYPHOON 1"	✓
DP5000 TI MARK II	✓	TYPHOON BRUSHLESS	✗
DP4000 ALU	✗	TYPHOON	✗
DP4000 30BAR	✓	ROCKET	✗
DP2000 SE	✗	TORNADO	✗
DP177SFE	✗	TOOLKIT	✗
RED DEVIL 2.0 STREET LEGAL	✗		





ELECTRONICS
KIT UPGRADE
READY

HURRICANE 2.0 — CLASSIC HANDLE —

BEST PRACTICE FORMULA 1 / INDYCAR

Product name	HURRICANE 2.0		
Handle Type	CLASSIC HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.10	HURRICANE2.07
Product code RH Version	2 port	HURRICANE2.11	3 port HURRICANE2.08
Product code UH Version		HURRICANE2.12	HURRICANE2.09
Square drive	1"		
Weight	3,9 kg (8.59 lbs)		
Length	203 mm (7.99")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.

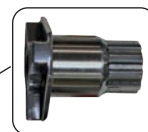


ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH



E-SHUTTLE
(ON DEMAND)

NEW OPTIONAL
MONOLITHIC PIN



SPLINE DRIVE
READY

BUILT-IN FRS

COLOUR CODES

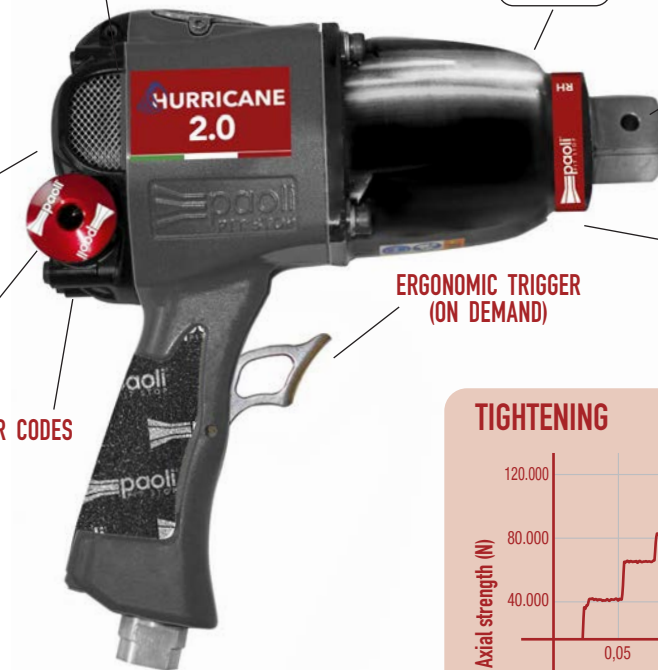
ERGONOMIC TRIGGER
(ON DEMAND)

COLOUR CODES

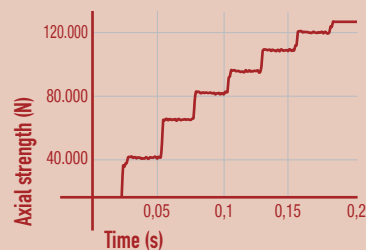
MANUAL



Operating and
Maintenance
Manual



TIGHTENING





ELECTRONICS
KIT UPGRADE
READY

HURRICANE 2.0 — 90° ANGLED HANDLE -

BEST PRACTICE FORMULA 1 / INDYCAR

Product name	HURRICANE 2.0		
Handle Type	90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.04	HURRICANE2.01
Product code RH Version	2 port	HURRICANE2.05	3 port HURRICANE2.02
Product code UH Version		HURRICANE2.06	HURRICANE2.03
Square drive	1"		
Weight	3,9 kg (8.59 lbs)		
Length	203 mm (7.99")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.

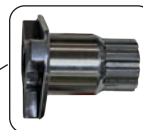


ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH

E-SHUTTLE (ON DEMAND)



NEW OPTIONAL MONOLITHIC PIN



**SPLINE DRIVE
READY**

COLOUR CODES

ERGONOMIC TRIGGER (ON DEMAND)

BUILT-IN FRS

COLOUR CODES

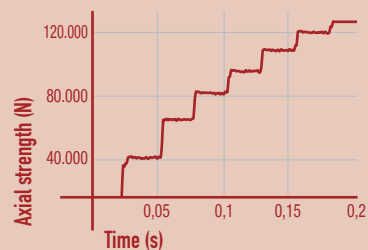


MANUAL



Operating and
Maintenance
Manual

TIGHTENING





HURRICANE 2.0 SPLINE

BEST PRACTICE FORMULA 1 / INDYCAR

Product name	HURRICANE 2.0 SPLINE		
Handle Type	CLASSIC HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.22	HURRICANE2.19
Product code RH Version	2 port	HURRICANE2.23	3 port HURRICANE2.20
Product code UH Version		HURRICANE2.24	HURRICANE2.21
Drive Shaft	Spline		
Weight	3,9 kg (8.59 lbs)		
Length	203 mm (7.99")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

ALSO AVAILABLE

Product name	HURRICANE 2.0 SPLINE		
Handle Type	90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.16	HURRICANE2.13
Product code RH Version	2 port	HURRICANE2.17	3 port HURRICANE2.14
Product code UH Version		HURRICANE2.18	HURRICANE2.15

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH

NEW OPTIONAL MONOLITHIC PIN



HIGHLIGHTS

- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness



New Paoli
spline drive anvil



Traditional
square drive anvil

SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin

NEW ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



MANUAL



Operating and
Maintenance
Manual



ELECTRONICS
KIT UPGRADE
READY

HURRICANE — 90° ANGLED HANDLE —

BEST PRACTICE

FORMULA 1 / INDYCAR
FORMULA 2 / DTM

Product name	HURRICANE 90° ANGLED HANDLE		
Front Cover Type	CARBON COVER		
Product code LH Version		HURRICANE.010	HURRICANE.007
Product code RH Version	2 port	HURRICANE.011	3 port HURRICANE.008
Product code UH Version		HURRICANE.012	HURRICANE.009
Square drive	1"		
Weight	3,70 kg (8.15 lbs)		
Length	200 mm (7.87")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

ALSO AVAILABLE

Product name	HURRICANE 90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE.004	HURRICANE.001
Product code RH Version	2 port	HURRICANE.005	3 port HURRICANE.002
Product code UH Version		HURRICANE.006	HURRICANE.003
Weight	3,74 kg (8.24 lbs)		

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More gap between tightening and loosening
- Improved air motor performance
- Lost wax casting handle

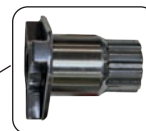
NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL!
TO INCREASE DURABILITY AND STRENGTH

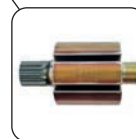
NEW OPTIONAL MONOLITHIC PIN



**SPLINE DRIVE
READY**

COVER

Double option:
• Carbon Cover
• Aluminium Cover



**1000 CYCLES
ROTOR INSIDE**



MANUAL



Operating and
Maintenance
Manual



W

WHEEL GUNS

HURRICANE 90° ANGLED HANDLE



ELECTRONICS
KIT UPGRADE
READY

DP 6000 – CLASSIC HANDLE

BEST PRACTICE

INDYCAR / ENDURANCE

Product name	DP 6000 CLASSIC HANDLE
Front Cover Type	CARBON COVER
Product code LH Version	006000.00017
Product code RH Version	006000.00018
Product code UH Version	006000.00019
Square drive	1"
Weight	3,74 kg (8,2 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 14700 rpm UH 14300 rpm
Max torque	LH / RH 4200 Nm (3100 ft-lbs) UH 4000 Nm (2950 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 6000 CLASSIC HANDLE
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	006000.00014
Product code RH Version	006000.00015
Product code UH Version	006000.00016
Weight	3,78 kg (8.33 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- New alluminium body

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL!
TO INCREASE DURABILITY AND STRENGTH



1000 CYCLES ROTOR INSIDE

NEW ALLUMINIUM BODY!
Stronger and more durable!

MANUAL



Operating and
Maintenance
Manual



*Titanium
inside*

**NEW OPTIONAL
MONOLITHIC PIN**



COLOUR CODES



**SPLINE DRIVE
READY**

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

**CLASSIC HANDLE
(72° ANGLED)**



DP 6000 CLASSIC HANDLE

W

WHEEL GUNS



ELECTRONICS
KIT UPGRADE
READY

DP 6000 — 90° ANGLED HANDLE

BEST PRACTICE

INDYCAR / ENDURANCE

Product name	DP 6000 90° ANGLED HANDLE
Front Cover Type	CARBON COVER
Product code LH Version	006000.00004
Product code RH Version	006000.00005
Product code UH Version	006000.00006
Square drive	1"
Weight	3,70 kg (8.1 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 14700 rpm UH 14300 rpm
Max torque	LH / RH 4200 Nm (3100 ft-lbs) UH 4000 Nm (2950 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 6000 90° ANGLED HANDLE
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	006000.00001
Product code RH Version	006000.00002
Product code UH Version	006000.00003
Weight	3,74 kg (8.2 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- New alluminium body

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL!
TO INCREASE DURABILITY AND STRENGTH



**1000 CYCLES
ROTOR INSIDE**

**NEW
ALLUMINIUM BODY!**
Stronger and more
durable!

MANUAL



Operating and
Maintenance
Manual



*Titanium
inside*

NEW OPTIONAL MONOLITHIC PIN



COLOUR CODES



**SPLINE DRIVE
READY**

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

**DOUBLE STAGE TRIGGER
(ON DEMAND)**



W

WHEEL GUNS

DP 6000 90° ANGLED HANDLE



ELECTRONICS
KIT UPGRADE
READY

DP 6000 SPLINE

BEST PRACTICE

INDYCAR / ENDURANCE

From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new wheel gun is born: the **SPLINE DRIVE DP 6000**. The work in R&D of the Paoli highly skilled technicians and the partnership with the most recognized racing teams has allowed the development of an innovative and greatly performing product.

A spline drive wheel gun differs from a square drive tool mainly in the teeth that connect the anvil with the socket.

Spline drive wheel guns, because of the increased contact points between the anvil and the socket, offer a better torque transmission and a reduced load on each contact point.

This means the following **ADVANTAGES**: more power; more strength; more endurance.

Paoli supplies spline sockets to be used with **DP 6000 SPLINE**.

PRODUCT NAME	FRONT COVER TYPE	VERSION	PRODUCT CODE
DP 6000 SPLINE 90° ANGLED HANDLE	Carbon Cover	LH	006000.00051
		RH	006000.00052
		UH	006000.00053
	Aerospace 7075 aluminium alloy	LH	006000.00048
		RH	006000.00049
		UH	006000.00050
DP 6000 SPLINE CLASSIC HANDLE	Carbon Cover	LH	006000.00057
		RH	006000.00058
		UH	006000.00059
	Aerospace 7075 aluminium alloy	LH	006000.00054
		RH	006000.00055
		UH	006000.00056

(2 port available on demand)



AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Paoli patent pending profile
- Cutting edge anvil-socket fixing system

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL!
TO INCREASE DURABILITY AND STRENGTH

NEW OPTIONAL MONOLITHIC PIN



New Paoli
spline drive anvil



Traditional
square drive anvil

SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin

NEW ALLUMINIUM BODY!

Stronger and more durable!

NEW ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



MANUAL



Operating and
Maintenance
Manual



ELECTRONICS
KIT UPGRADE
READY

DP 6000 BIAS

BEST PRACTICE

ENDURANCE / IMSA
LE MANS SERIES

Product name	DP 6000 BIAS
Front Cover Type	CARBON COVER
Product code	6000BS.00001
Square drive	1"
Weight	3,94 kg (8.68 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	14300 rpm
Max torque	3900 Nm (2876 ft-lbs)

ALSO AVAILABLE

Product name	DP 6000 BIAS
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code	6000BS.00002
Weight	4.01 kg (8.84 lbs)

THE BIAS SYSTEM

The **BIAS SYSTEM** gives you both RH and LH versions inside a single wheel gun. Using the special lever you can change the mode during the pitstop. This model is particularly suitable for those championships in which the use of a single wheel gun is mandatory. The **BIAS SYSTEM** is capable to give to the operator all the advantages of both the RH and LH modes in a single wheel gun.

HIGHLIGHTS

- Pimply faster!
- 2 wheel guns in 1

**BLACK ANODIZED ALUMINIUM
LEVER ON DEMAND**

CUSTOMIZABLE LEVER



**ON TOP LEVER
FROM RH TO LH
FROM LH TO RH**

MANUAL



Operating and
Maintenance
Manual

**NEW OPTIONAL
MONOLITHIC PIN**



COVER

Double option:

- Carbon Cover
- Aluminium Cover

**NEW RADIAL HAMMER
MECHANISM (RHM) INSIDE!**

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



**NEW OPTIONAL!
TO INCREASE DURABILITY AND STRENGTH**



**SPLINE DRIVE
READY**

BIAS SYSTEM

RH & LH versions included
in a single wheel gun

OPTIONAL ALUMINIUM LEVER

D.01.21.0056

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings



SUPERSPORT



BEST PRACTICE

NASCAR CUP SERIES
GT-ENDURANCE

Product name	SUPERSPORT
Product code LH Version	SUPERSPORT.01
Product code RH Version	SUPERSPORT.02
Product code UH Version	SUPERSPORT.03

Drive shaft	Spline Drive
Weight	4,03 kg (8.9 lbs)
Length	202 mm (7.95")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 11500 rpm UH 11000 rpm
Max torque	LH / RH 3500 Nm (2590 ft-lbs) UH 2800 Nm (2065 ft-lbs)
Gun selector plate	2 port

ALSO AVAILABLE

Product name	SUPERSPORT SQUARE DRIVE
Drive shaft	
Product code LH Version	SUPERSPORT.04
Product code RH Version	SUPERSPORT.05
Product code UH Version	SUPERSPORT.06

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Radial Hammer Mechanism

SUPERSPORT

W

WHEEL GUNS



NEW FAST REVERSE SYSTEM

Longer and easier to move.
Positioned on the side where
the rotation reverse mechanism
turns from loosening to
tightening.

NEW FRONT COVER SHAPE

AEROSPACE ALUMINIUM FRONT COVER



NEW OPTIONAL MONOLITHIC PIN



SQUARE DRIVE READY



BUILT-IN FRS

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a
superior performance and a longer lifespan of the
hammer mechanism parts, thanks to the new de-
veloped geometry.



ALREADY INCLUDED! TO INCREASE DURABILITY AND STRENGTH

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- Inlet made by steel

MANUAL



Operating and
Maintenance
Manual



DP 5000 TI MARK II

BEST PRACTICE

ENDURANCE / INDYCAR

Product name	DP 5000 TI MARK II
Front Cover Type	CARBON COVER
Product code LH Version	5000TI.00022
Product code RH Version	5000TI.00023
Product code UH Version	5000TI.00024
Square drive	1"
Weight	3,63 kg (8 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 14500 rpm UH 14000 rpm
Max torque	LH / RH 3800 Nm (2810 ft-lbs) UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 5000 TI MARK II
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	5000TI.00019
Product code RH Version	5000TI.00020
Product code UH Version	5000TI.00021
Weight	3,70 kg (8.1 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Standard carbon cover
- Anodized blue and red covers, according to the motorsport tradition

DP 5000 TI MARK II

W

WHEEL GUNS

35

NEW OPTIONAL MONOLITHIC PIN



COVER

Double option:

- Carbon Cover
- Aluminium Cover

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL! TO INCREASE DURABILITY AND STRENGTH

TITANIUM MOTOR

7 CARBON PEEK VANES

NEW ALLUMINIUM BODY!

Stronger and more durable!

NEW STAINLESS STEEL TRIGGER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- Inlet made by steel

MANUAL



Operating and
Maintenance
Manual



DP 4000 ALU

BEST PRACTICE

FORMULA 1 / DTM

Product name	DP 4000 ALU
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	4000ALU.0001
Product code RH Version	4000ALU.0002
Product code UH Version	4000ALU.0003
Square drive	1"
Weight	3,91 kg (8.62 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (25 bar / 362 psi)	LH / RH 13500 rpm UH 12500 rpm
Max torque	LH / RH 3500 Nm (2590 ft-lbs) UH 3300 Nm (2442 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 4000 ALU
Front Cover Type	CARBON COVER
Product code LH Version	4000ALU.0004
Product code RH Version	4000ALU.0005
Product code UH Version	4000ALU.0006
Weight	3,84 kg (8.46 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Powerful
- Light
- Reliable

NEW OPTIONAL MONOLITHIC PIN



**NEW
ALLUMINIUM BODY!**
Stronger and more durable!

BUILT-IN FRS

**7 CARBON PEEK
VANES INSIDE**

**AEROSPACE ALUMINIUM
FRONT COVER**

MANUAL



Operating and
Maintenance
Manual

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 10 mm (25/64")
- Male 1/2" BSP fittings





DP 4000 30BAR

BEST PRACTICE

ENDURANCE / GT

Product name	DP 4000 30BAR
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	400030.00013
Product code RH Version	400030.00014
Product code UH Version	400030.00015
Square drive	1"
Weight	3,97 kg (8.7 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	30 bar (435 psi)
Free Speed (25 bar / 362 psi)	LH / RH / UH 15500 rpm
Max torque	LH / RH 3800 Nm (2810 ft-lbs) UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 4000 30BAR
Front Cover Type	CARBON COVER
Product code LH Version	400030.00016
Product code RH Version	400030.00017
Product code UH Version	400030.00018
Weight	3,90 kg (8.6 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

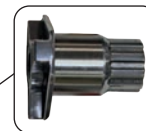
HIGHLIGHTS

- Optional front cover made of carbon
- New carbon peek vane

NEW OPTIONAL MONOLITHIC PIN



AEROSPACE ALUMINIUM FRONT COVER



SPLINE DRIVE READY

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL! TO INCREASE DURABILITY AND STRENGTH

STANDARD DOUBLE STAGE TRIGGER

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 10 mm (25/64")
- Male 1/2" BSP fittings

- 30 BAR DYNAMIC RESISTANT
- INCREASED POWER
- VERY TOUGH MATERIALS AND TECHNICAL SOLUTIONS APPLIED

BUILT-IN FRS

MANUAL



Operating and
Maintenance
Manual





DP 2000 SE

BEST PRACTICE

IMSA / GARAGE

Product name	DP 2000 SE
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	2000SE.00010
Product code RH Version	2000SE.00011
Product code UH Version	2000SE.00012
Square drive	1"
Weight	3,90 kg (8.6 lbs)
Length	186 mm (7.32")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (25 bar / 362 psi)	LH / RH 9500 rpm UH 9000 rpm
Max torque	LH / RH 2500 Nm (1843 ft-lbs) UH 2200 Nm (1622 ft-lbs)
Gun selector plate	2 port

ALSO AVAILABLE

Product name	DP 2000 SE
Front Cover Type	CARBON COVER
Product code LH Version	2000SE.00013
Product code RH Version	2000SE.00014
Product code UH Version	2000SE.00015
Weight	3,83 kg (8.4 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More power / more gap
- Metallic powder painted body

6 NEW CARBON VANES INSIDE

THE CLASSIC PAOLI GUN

From 18 years always on the pit-lanes

- Lighter
- More powerful
- Evergreen

**NEW AEROSPACE ALUMINIUM
FRONT COVER AS STANDARD
(CARBON COVER OPTIONAL ON DEMAND)**

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings

MANUAL



Operating and
Maintenance
Manual





DP 177 SFE

BEST PRACTICE

GT / ENDURANCE / GARAGE

Product name	DP 177 SFE
Product code LH Version	177SFE.00004
Product code RH Version	177SFE.00005
Product code UH Version	177SFE.00006
Square drive	1"
Weight	4,20 kg (9.2 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (20 bar / 290 psi)	LH / RH 10000 rpm UH 9500 rpm
Max torque	LH / RH 1900 Nm (1400 ft-lbs) UH 1800 Nm (1327 ft-lbs)
Gun selector plate	2 port

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Fast, powerful and reliable
- New carbon vanes
- Increased max pressure

6 NEW CARBON VANES INSIDE

AEROSPACE ALUMINIUM FRONT COVER

MANUAL



Operating and
Maintenance
Manual



SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings





RED DEVIL 2.0

BEST PRACTICE

STREET LEGAL
TOURING CARS



Product name	RED DEVIL 2.0 STREET LEGAL
Product code	RDEVSL.00003
Square drive	1/2"
Weight	2,40 kg (5.3 lbs)
Length	192 mm (7.56")
Air inlet	1/4" NPT
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Free Speed (12 bar / 175 psi)	12.000 rpm
Max torque	1.000 Nm (740 ft-lb)
Gun selector plate	2 port

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Aerospace aluminium front cover
- New carbon vanes

AEROSPACE ALUMINIUM
FRONT COVER



MANUAL



Operating and
Maintenance
Manual

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

PROTECTIVE PVC COVER

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 1/4" NPT fittings





RED DEVIL BLACKBIRD



BEST PRACTICE

DESERT RACES

Product name	RED DEVIL BLACK BIRD
Product code	RDEVBB.00001
Square drive	1/2"
Weight	2,42 kg (5.33 lbs)
Length	193 mm (7.60")
Air inlet	3/8"
Supply hose inside diameter	3/8" - 1/2"
Max pressure	12 bar (175 psi)
Free Speed (12 bar / 175 psi)	15120 rpm
Max torque	1015 Nm (749 ft-lb)
Gun selector plate	3 port

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Aerospace aluminium front cover
- New carbon vanes

RED DEVIL BLACKBIRD

W

WHEEL GUNS

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MANUAL



Operating and
Maintenance
Manual





DP 36 SF EVO



BEST PRACTICE

TOURING CARS

Product name	DP 36 SF EVO
Product code LH Version	36SFEV.00005
Product code RH Version	36SFEV.00006
Product code UH Version	36SFEV.00007
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	LH / RH 3/8" BSP LH* 1/4" NPT
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Free Speed (14 bar / 200 psi)	LH / RH 14500 rpm LH* 15000 rpm
Max torque	LH / RH 850 Nm (626 ft-lbs) LH* 900 Nm (663 ft-lbs)
Gun selector plate	2 port

*US VERSION



AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster

HIGHLIGHTS

- New carbon vanes
- Developed for 5 nuts
- Additional air exhausts to increase the speed

VERY FAST!

WHEEL GUN FOR 5 NUTS WHEELS
(TOURING) APPLICATION!



6 NEW CARBON VANES INSIDE

BUILT-IN FRS

TWIN HAMMER MECHANISM

AEROSPACE ALUMINIUM
FRONT COVER

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings (UE version)
1/4" NPT fittings (US version)

MANUAL



Operating and
Maintenance
Manual





4BIKE

BEST PRACTICE

FORMULA WEC / SUPERSTOCK

Product name	4BIKE
Product code	04BIKE.00001
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Operating pressure	10/14 bar (150/200 psi)
Free Speed - Loosening (14 bar / 200 psi)	14800 rpm
Free Speed - Tightening (14 bar / 200 psi)	11500 rpm
Max torque - Loosening (14 bar / 200 psi)	1025 Nm (756 ft-lbs)
Max torque - Tightening (14 bar / 200 psi)	850 Nm (627 ft-lbs)
Gun selector plate	2 port

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster

HIGHLIGHTS

- New carbon vanes
- Developed for 5 nuts
- Additional air exhausts to increase the speed

VERY FAST!

WHEEL GUN FOR BOTH REAR
AND FRONT WHEEL.

TWIN HAMMER MECHANISM

SQUARE DRIVE WITH SPRING PIN

AEROSPACE ALUMINIUM FRONT COVER

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings

MANUAL



Operating and
Maintenance
Manual





E-GUN

BEST PRACTICE

PIT STOP

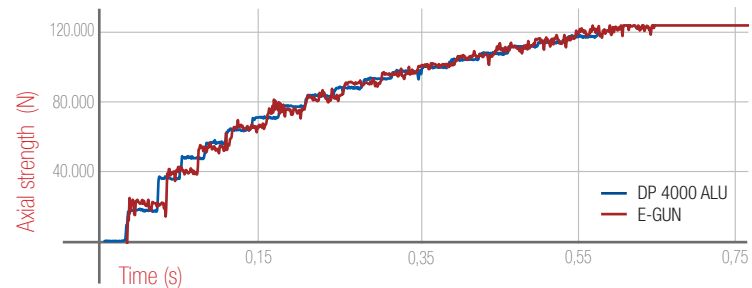
Generated from **PAOLI'S EXPERIENCE** in the sector and cutting edge engineering solutions, is the first electric cordless gun for pit stop application: the **E-GUN**.

The latest creation of Paoli's highly skilled R&D technicians is an innovative and highly performing product never seen before.

This is the first electric wheel gun with performances equivalent to those of a pneumatic wheel gun like the DP4000 ALU and, unlike any other cordless on the market, equipped with a set of electronic components designed specifically for motorsport.

Fully metal built, E-GUN is equipped with the patented 3-jaw hammer mechanism, and with the ergonomic handle evolved together with the teams on the pit lane.

The E-GUN is completed by a data logging system and a control which allows the user to modify a large variety of settings.



PRODUCT NAME	VERSION	PRODUCT CODE
E-GUN SQUARE DRIVE	Product code LH Version	00EGUN.00001
	Product code RH Version	00EGUN.00002
	Product code UH Version	00EGUN.00003
E-GUN SPLINE	Product code LH Version	00EGUN.00004
	Product code RH Version	00EGUN.00005
	Product code UH Version	00EGUN.00006

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Brushless specially engineered electric motor (with titanium aerospace parts)
- Data logging system
- Water proof

THE FASTEST AND MOST ADVANCED ELECTRIC CORDLESS GUN FOR PIT STOP APPLICATIONS



FREE SPEED > 8.000 RPM
SELF LIMITED

DIRECT DRIVE

3-JAW HAMMER MECHANISM

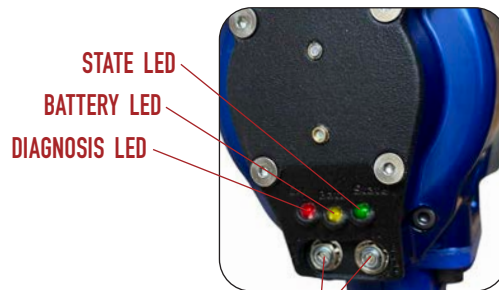
BODY: AEROSPACE ALUMINUM

DUAL MODE TRIGGER:

- Progressive
- ON/OFF

MOTORSPORT ERGONOMICS

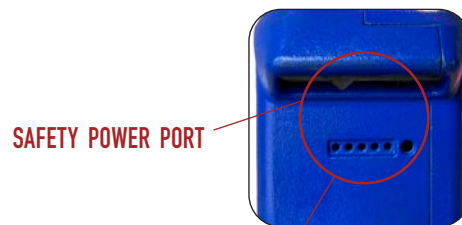
BUILT-IN SUPER BATTERY



STATE LED
BATTERY LED
DIAGNOSIS LED

MAP SELECTOR:

- GARAGE MODE - Low Power
- RACE MODE - Full Power



SAFETY POWER PORT

BATTERY LEVEL INDICATOR



TYPHOON PLUS — TORQUE INDICATOR —

WITH SHUT OFF

DON'T WASTE TIME, EVERY INSTANT MATTERS!

Paoli is pleased to announce its new **TYPHOON PLUS TORQUE INDICATOR WITH SHUT OFF**, the latest result of research and development in the field of cordless Paoli impact wrenches. Engineered for maximum performance and high-pressure pit stops, it includes a series of cutting-edge features that ensure efficiency, safety, and precision during the race:

SHUT OFF

Automatically stops the tool when the customizable tightening torque is reached. This cutting-edge feature ensures that each wheel is securely fastened with precision, eliminating the risk of over or under-tightening.

DATA DOWNLOAD

Through the built-in USB-C port and the provided cable, it is possible to connect to the impact wrench and download all the data and information recorded by the sensors during the use.

PARAMETER CUSTOMIZATION INTERFACE

Using the software supplied with the wheel gun, and after a short training course on its use, it will be possible to configure your Typhoon according to the needs of the race and the vehicle. It will be possible to set the exact tightening torque, the duration of the shut-off pause and several other parameters.

The tightening of the wheel nut becomes fully controllable in every parameter, customizable, and repeatable with extreme accuracy. This new generation of impact wrenches is the ultimate tool for any professional pit crew looking to access their pit stop data in order to improve speed, efficiency, safety and precision during the race.

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster

Product name	TYPHOON PLUS TORQUE INDICATOR WITH SHUT OFF
Product code LH Version	A.08.0072
Product code RH Version	A.08.0073
Version	Cordless
Drive shaft	Spline
Weight (battery included)	4,3 kg (9.47 lbs)
Length	253 mm (9.96")
Width	98,5 mm (3.87")
Height	287 mm (11.29")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim con- tact surface with 45° cone shape</i>
Amperage	6.0 Ah

ALSO AVAILABLE

Product name	TYPHOON PLUS TORQUE INDICATOR WITH SHUT OFF SQUARE DRIVE
Drive shaft	
Product code LH Version	A.08.0068
Product code RH Version	A.08.0069



SQUARE DRIVE
READY

SW UPGRADE!
CROSS-THREAD
DETECTION SYSTEM



USB-C PORT
TO DOWNLOAD DATA AND
CONFIGURE THE WHEEL GUN

LED LIGHT ON THE
WORKING POINT



ERGONOMIC HANDLE

FAST BATTERY CHARGER

LITHIUM ION BATTERY
20.0 V D.C.



TYPHOON PLUS TORQUE INDICATOR
WITH SHUT OFF

W

WHEEL GUNS



TYPHOON PLUS - WITH TORQUE INDICATOR -

BEST PRACTICE

FORMULA 2 / FORMULA 3

The first electric wheel gun to be officially used in a motorsport world championship, is now available to the market. The cordless Paoli impact wrench with highest power density has been equipped with an electric system for **MONITORING THE NUT TIGHTENING**. On top of highlighting errors during nut installation, the **TORQUE INDICATOR SYSTEM** allows to have a more consistent value of torque during tightening, leading to **OPTIMISED TYRE CHANGING TIMES** during pit stops. Performance can be further refined with a tailored **CALIBRATION FOR EACH VEHICLE, HUB AND SOCKET UTILISED**.

Product name	TYPHOON PLUS WITH TORQUE INDICATOR
Product code LH Version	A.08.0051
Product code RH Version	A.08.0052
Version	Cordless
Drive shaft	Spline
Weight (battery included)	4,3 kg (9.47 lbs)
Length	253 mm (9.96")
Width	98,5 mm (3.87")
Height	287 mm (11.29")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

ALSO AVAILABLE

Product name	TYPHOON PLUS WITH TORQUE INDICATOR
Drive shaft	SQUARE DRIVE
Product code LH Version	A.08.0049
Product code RH Version	A.08.0050

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Led torque indicators
- Calibration for each vehicle, hub and socket utilised
- Optimised tyre changing times



SQUARE DRIVE
READY

SW UPGRADE!
CROSS-THREAD
DETECTION SYSTEM

OPTIONAL LOG IN DEVICE TO
DOWNLOAD PIT STOP EVENT



LED LIGHT ON THE WORKING
POINT DURING USE

ERGONOMIC HANDLE

FAST BATTERY CHARGER

LITHIUM ION BATTERY 20.0 V D.C.

MANUAL



Operating and
Maintenance
Manual



W

WHEEL GUNS

— TYPHOON PLUS WITH TORQUE INDICATOR



TYPHOON PLUS

BEST PRACTICE

PIT STOP / GARAGE

Product name	TYPHOON PLUS
Product code	A.08.0024
Version	Cordless
Drive shaft	Spline
Weight (battery included)	3,5 kg (7.7 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

ALSO AVAILABLE

Product name	TYPHOON PLUS
Drive shaft	SQUARE DRIVE
Product code	A.08.0026

AVAILABLE VERSIONS

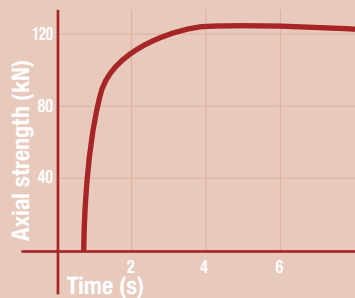


Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin



MANUAL



Operating and
Maintenance
Manual

HIGHLIGHTS

- Fast, powerful and reliable
- Provided in a hard case
- Including: No. 2 Ultra Power batteries, a cable and a re-charger



TYPHOON PLUS

W

WHEEL GUNS



TYPHOON 1"

BEST PRACTICE

PIT STOP / GARAGE

Product name	TYPHOON 1"
Product code	A.08.0014
Version	Cordless
Square drive	1"
Weight (with battery)	3,4 kg (7.5 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

AVAILABLE VERSIONS



Special unhand version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Fast, powerful and reliable
- Provided in a hard case
- Including: No. 2 Ultra Power batteries, a cable and a re-charger

**NEW FLANGED SHAFT:
MUCH MORE RELIABLE!**



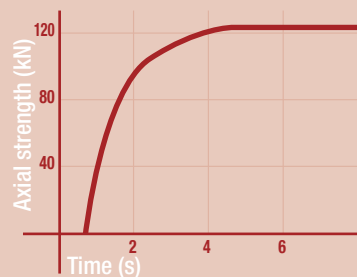
**SPLINE DRIVE
READY**

**MOTORSPORT SOCKET
CONNECTION**

AEROSPACE ALUMINUM

**LED LIGHT ON THE WORKING
POINT DURING USE**

ERGONOMIC HANDLE



MANUAL



Operating and
Maintenance
Manual

**FAST
BATTERY
CHARGER**

LITHIUM ION BATTERY 20.0 V D.C.



**BATTERY LEVEL
INDICATOR**



TYPHOON 1"

W

WHEEL GUNS



TYPHOON BRUSHLESS

BEST PRACTICE

TOURING CARS

Product name	TYPHOON BRUSHLESS
Product code	A.08.0040
Version	Cordless
Square drive	1/2"
Weight (with battery)	3.79 kg (8.35 lbs)
Length	231 mm (9.10")
Width	80 mm (3.14")
Height	295 mm (11.61")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1000 Nm (738 ft-lbs)

INCLUDED IN THE BOX

The package contains: charger, 2 batteries, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Fast and powerful
- Provided in a hard case
- 2 Batteries included, one in use and one as a spare

ALSO AVAILABLE

TYPHOON BRUSHLESS 3/4"

A.08.0058 (5 Ah)

A.08.0059 (6 Ah)

MAX TORQUE	1000 Nm
COPPIA MASSIMA	738 ft-lb

WEIGHT	3,80 Kg
PESO	8,40 lbs

MANUAL



Operating and
Maintenance
Manual





TORNADO

BEST PRACTICE

RALLY / OFFROAD

Product name	TORNADO
Product code	A.08.0037
Version	Cordless
Square drive	1/2"
Weight (with battery)	2.1 kg (4.62 lbs)
Length	170 mm (6.7 in)
Width	78 mm (3.07 in)
Height	257 mm (10.11 in)
Voltage	18.0V d.c.
Free speed	2450 rpm
Max torque	461 Nm (340 ft-lbs)
Amperage	5.0 Ah

INCLUDED IN THE BOX

The package contains: charger, 2 batteries, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Fast and powerful
- Provided in a hard case
- 2 Batteries included, one in use and one as a spare

BRUSHLESS MOTOR!

LED LIGHT ON THE WORKING POINT DURING USE

ERGONOMIC HANDLE

SELECTOR SWITCH
(3 POSITION)

NEW LITHIUM ION BATTERY
18.0 V D.C.

FAST AND POWERFUL
CORDLESS GUN

MANUAL



Operating and
Maintenance
Manual





TOOLKIT

BEST PRACTICE

GARAGE

Product name	TOOLKIT
Product code	A.08.0030
Version	Cordless
Square drive	1/4"
Weight (with battery)	0,88 kg (1.94 lbs)
Length	158 mm (6.22")
Width	54 mm (2")
Height	216 mm (8.50")
Voltage	10.8V d.c.
Free speed	1550 rpm
Max torque	23,5 Nm (17 ft-lbs)

INCLUDED IN THE BOX

The package contains: charger, 1 battery, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Light and compact
- With ergonomic handle
- For garage work



MANUAL



Operating and
Maintenance
Manual



W

WHEEL GUNS

TOOL KIT

MIX AND MATCH

STANDARD PACKAGE

The PACKAGE INCLUDES:

- Cordless impact wrench
- 1 battery
- Optional: 2nd battery



NB: In order to guarantee the best performance for each product, please ask our customer care to sales@paoli.net and what is the recommended coupling between cordless and battery.



TYPHOON PLUS
WITH TORQUE INDICATOR



TYPHOON PLUS



TYPHOON 1"



TOOLKIT



TORNADO



TYPHOON BRUSHLESS 1/2" - 3/4"

CHOOSE YOUR CORDLESS IMPACT WRENCH (WITHOUT BATTERY)

Model	Product Code	
Typhoon Plus with Torque Indicator - Spline	LH A.08.0045	RH A.08.0046
Typhoon Plus with Torque Indicator - 1"	LH A.08.0047	RH A.08.0048
Typhoon Plus - Spline	A.08.0025	
Typhoon Plus - 1"	A.08.0027	
Typhoon 1"	A.08.0015	
Typhoon Brushless 1/2"	A.08.0031	
Tornado	A.08.0038	
Toolkit	A.08.0039	

CHOOSE YOUR BATTERY PACK

	Model	Product Code
T7	2.0Ah (for Toolkit)	B.50.0016
	5.0Ah	B.50.0009
	6.0Ah	B.50.0010
	6.0Ah Enhanced	B.50.0012
T9	5.0Ah	B.50.0019
	6.0Ah	B.50.0020

1

2

MIX AND MATCH



TYPHOON 1"

PRODUCT CODE
A.08.0015



TYPHOON PLUS

PRODUCT CODE - SPLINE
A.08.0025
PRODUCT CODE - 1"
A.08.0027



TYPHOON PLUS WITH TORQUE INDICATOR

PRODUCT CODE - SPLINE
LH A.08.0045 - RH A.08.0046
PRODUCT CODE - 1"
LH A.08.0047 - RH A.08.0048



TYPHOON BRUSHLESS 1/2" - 3/4"

PRODUCT CODE - 1/2"
A.08.0031
PRODUCT CODE - 3/4"
A.08.0057



TORNADO

PRODUCT CODE
A.08.0038



TOOLKIT

PRODUCT CODE
A.08.0039

BASIC PACKAGE

The PACKAGE INCLUDES:

- Cordless impact wrench without battery



MIX AND MATCH — BATTERIES AND BATTERY CHARGER —

BATTERY PACK

Lithium ion battery pack
20.0 V D.C.

- Options available:
5.0Ah - 6.0Ah
- Remaining capacity Led indicator



Battery Models		Product Code
T7	2.0Ah - for Toolkit	B.50.0016
	5.0Ah	B.50.0009
	6.0Ah	B.50.0010
	6.0Ah Enhanced	B.50.0012
T9	5.0Ah	B.50.0019

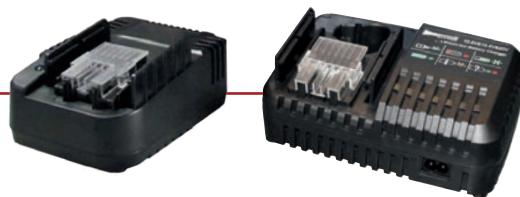


BATTERY ADAPTER - T7 to T9
B.50.0021

BATTERY CHARGER

Battery charger for Paoli
cordless impact wrenches.

- Led light indicators
- Battery diagnosis indicator
- Cable (available versions:
EU, UK, US)



Product name		Product Code
T7	2.0Ah - for Toolkit	B.50.0017
	5.0Ah - 6.0Ah	B.50.0011
T9	5.0Ah - 6.0Ah	B.50.0018



CHOOSE YOUR CABLE

Cable version	Product code
EU	B.50.0003
UK	B.50.0004
US	B.50.0005

Product name	Product Code
Typhoon case	T.03.11.0014
Tornado case	T.03.11.0016



HARD CASE

Hard case for Paoli cordless impact wrenches.

Designed to hold:

- Impact wrench
- Batteries
- Battery charger







PAOLI SOCKET

THE NEW PAOLI WHEEL NUT SOCKETS



PAOLI SOCKETS

The new Paoli sockets are an unprecedented product and the result of a long and complex engineering research. The continuous consultation with many customers such as **ORECA** THE MOTORSPORT COMPANY, **NASCAR**  and many others has meant that the technological development of Paoli sockets went hand in hand with the real needs of the teams in terms of **VERSATILITY, SAFETY, MATERIALS** and **MAINTENANCE**.

- Three different materials: titanium, special steel and aerospace aluminium. The first and the second are suitable for the race application, the third one is suitable for non-intensive use and torque wrench.
- Innovative design, attractive shapes and aesthetically pleasing.
- Accuracy in fitting the socket to the square drive, perfect clearance that allows the socket to be assembled and disassembled just by hand.
- Innovative safety system to insert the pin through the socket/square drive hole:
 - Unbalance of the center of the pin on the side of the blind hole
 - Elastic ring to prevent pin ejection
 - Cover O-ring

Maximum safety, assembly precision and reduced assembly times.

- Insertion of service holes for maintenance of magnets: replacing magnets is quick and easy, with a simple plug-locator.
- Internal 'O' ring retaining nut made from new Paoli Sockets material. The customized resin gives the socket an ideal grip with its high gripping power.
- The Paoli Sockets Service Kit for the maintenance and replacement of worn parts contains everything needed to work on the socket simply and safely. A brief instruction manual indicates the optimum way to carry out operations (E.g. replacement and subsequent refinement of magnets).



INTERNAL 'O' RING RETAINING NUT ESPECIALLY
MADE FOR PAOLI SOCKETS.

REPLACING MAGNETS
IS QUICK AND EASY
THANKS TO REAR
SERVICE HOLES.

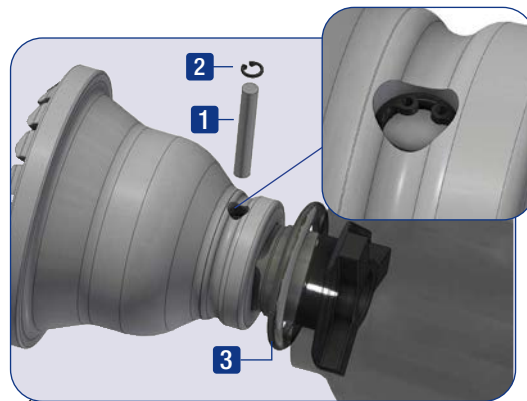
MANUAL



Operating and
Maintenance
Manual



INNOVATIVE DESIGN, ATTRACTIVE
SHAPES AND AESTHETICALLY PLEASING.



INNOVATIVE SAFETY SYSTEM

- 1 Insert the locking pin in transverse hole of the wheel nut socket.
- 2 Place the elastic ring for bore in the seat formed in the hole where the locking pin was positioned, to prevent it from escaping.
- 3 Place the retaining O-ring in the housing on the collar of the wheel nut socket.

ALSO AVAILABLE IN AEROSPACE
ALUMINIUM. SUITABLE FOR TORQUE
WRENCH APPLICATIONS.

ACCURACY IN FITTING THE
SOCKET TO THE WRENCH
(MINIMAL CLEARANCE).

"GHOST MAGNETS" TECHNOLOGY

Designed for the **PORSCHE 992 GT3 R**, the wheel socket with "ghost magnets" technology features Paoli's patented Spline system and an innovative retention system for the center lock nuts.

The magnets are fully surrounded and protected during use. It's an advanced technology also used in wheel sockets **developed for NASCAR** and **BMW M4 GT3**.



GHOST MAGNETS



VISIBLE MAGNETS

The magnets are **BUILT IN**, and fixed with a special resin that holds them firmly and permanently in place. Thanks to this system, there is no risk of the magnets coming loose, while at the same time the resin provides an extra layer of protection reducing the possibility of cracking.



SPECIAL RESIN

SPLINE DRIVE TECHNOLOGY

PATENTED PRODUCT

From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new technology is born: the **SPLINE DRIVE**. The work in R&D of the Paoli highly skilled technicians and the partnership with the most recognized racing teams has allowed the development of an innovative and greatly performing product. A spline drive wheel gun differs from a square drive tool mainly in the teeth that connect the anvil with the socket. This means the following advantages:

- More **EFFICIENT CONNECTION** than traditional square drive anvil thanks to the elimination of gap and vibrations
- More **DURABILITY** due to less wear
- More comfort and **SAFETY FOR THE OPERATOR** thanks to the removal of the pin

ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



SOCKETS



SOCKETS

SOCKETS CONFIGURATOR

BEST PRACTICE	CODE	DRIVE	MATERIAL	STOCK	PAGE
FERRARI F488/F296 GT3 SERIES	B.28.0104	Spline	300M steel	In stock	79
	B.28.0106	Square 1"	300M steel	In stock	79
	B.28.0107	Square 1"	Grade 5 titanium	In stock	80
	B.28.0090	Spline	Grade 5 titanium	In stock	80
	B.28.0058	Square 1"	Grade 5 titanium	On demand	92
FERRARI F488/F296 CHALLENGE	B.28.0136	Square 1"	7075 aluminium alloy	In stock	81
LAMBORGHINI HURACAN/TEMERARIO AUDI R8 GT3	B.28.0162	Spline	Grade 5 titanium	In stock	81
	B.28.0081	Spline	300M steel	In stock	82
	B.28.0050	Square 1"	300M steel	In stock	82
	B.28.0108	Spline	Grade 5 titanium	In stock	83
	B.28.0095	Square 1"	300M steel	On demand	93
BMW M4 GT3	B.28.0153	Square 1	300M steel	In stock	83
	B.28.0132	Spline	Grade 5 titanium	In stock	84
	B.28.0131	Square 1"	Grade 5 titanium	In stock	84
PORSCHE 991/992 GT3-R	B.28.0139	Spline	Grade 5 titanium	In stock	85
	B.28.0140	Square 1"	Grade 5 titanium	In stock	85
PORSCHE 991/992 CUP	B.28.0052	Square 1"	7075 aluminium alloy	In stock	86

BEST PRACTICE	CODE	DRIVE	MATERIAL	STOCK	PAGE
MCLAREN 720 GT3/ GT3 EVO/GTX	B.28.0157	Square 1"	Grade 5 titanium	In stock	86
	B.28.0149	Spline	Grade 5 titanium	In stock	86
MERCEDES AMG GT3	B.28.0133	Square 1"	Grade 5 titanium	In stock	87
	B.28.0137	Spline	Grade 5 titanium	In stock	87
	B.28.0119	Square 1"	7075 aluminium alloy	On demand	93
FORMULA E GEN 3	B.28.0156	Spline	Grade 5 titanium	In stock	88
FORMULA E GEN 4	B.28.0142	Spline	Grade 5 titanium	In stock	88
	B.28.0143	Square 1"	Grade 5 titanium	In stock	88
INDYCAR	B.28.0161	Square 1"	Grade 5 titanium	In stock	89
	B.28.0163	Spline	Grade 5 titanium	In stock	98
DALLARA INDY NXT	B.28.0034	Square 1"	300M steel	In stock	90
DALLARA SUPER FORMULA	B.28.0152	Spline	300M steel	In stock	90
ORECA 07	B.28.0164	Spline	Grade 5 titanium	In stock	91
FERRARI F488/F296 & FERRARI 599XX	B.28.0151	Spline	300M steel	On demand	92
ASTON MARTIN	B.28.0144	Spline	Grade 5 titanium	On demand	94

IN STOCK

FERRARI

IN STOCK



F488/F296

BEST PRACTICE GT3 SERIES

CODE	B.28.0104
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	-
TEETH NUMBER	12



F488/F296

BEST PRACTICE GT3 SERIES

CODE	B.28.0106
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	-
TEETH NUMBER	12

S

SOCKETS



F488/F296

BEST PRACTICE GT3 SERIES

CODE	B.28.0107
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12



F488/F296

BEST PRACTICE GT3 SERIES

CODE	B.28.0090
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12

GHOST MAGNETS SOCKET



F488/F296

BEST PRACTICE FERRARI CHALLENGE

CODE	B.28.0136
DRIVE	1"
MATERIAL	7075 aluminium alloy
RETENTION SYSTEM	circlip
TEETH NUMBER	20



LAMBORGHINI HURACAN/TEMERARIO/AUDI R8

BEST PRACTICE GT3 SERIES

CODE	B.28.0162
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	10





LAMBORGHINI HURACAN/TEMERARIO/AUDI R8

BEST PRACTICE GT3 SERIES

CODE	B.28.0081
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	magnets
TEETH NUMBER	10



LAMBORGHINI HURACAN/TEMERARIO/AUDI R8

BEST PRACTICE GT3 SERIES

CODE	B.28.0050
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	magnets
TEETH NUMBER	10

GHOST MAGNETS SOCKET



LAMBORGHINI HURACAN/TEMERARIO/AUDI R8

BEST PRACTICE GT3 SERIES

CODE	B.28.0108
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	magnets
TEETH NUMBER	10



BMW M4 GT3

BEST PRACTICE GT3 SERIES

CODE	B.28.0153
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	12

IN STOCK



SOCKETS

GHOST MAGNETS SOCKET



BMW M4 GT3

BEST PRACTICE GT3 SERIES

CODE	B.28.0132
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	12



BMW M4 GT3

BEST PRACTICE GT3 SERIES

CODE	B.28.0131
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	12

GHOST MAGNETS SOCKET

IN STOCK



SOCKETS



PORSCHE 991/992 GT3-R

BEST PRACTICE GT3 SERIES

CODE	B.28.0139
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	18



PORSCHE 991/992 GT3-R

BEST PRACTICE GT3 SERIES

CODE	B.28.0140
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	18

GHOST MAGNETS SOCKET



ALUMINIUM SOCKET:
ONLY FOR TORQUE
WRENCH APPLICATION

PORSCHE 991/992 CUP

BEST PRACTICE PORSCHE CUP

CODE	B.28.0052
DRIVE	1"
MATERIAL	7075 aluminium alloy
RETENTION SYSTEM	O-ring
TEETH NUMBER	15



B.28.0157

B.28.0149

MCLAREN 720 GT3/GT3 EVO/GTX

BEST PRACTICE GT3 SERIES

CODE	B.28.0157	B.28.0149
DRIVE	1"	Paoli Spline
MATERIAL	Grade 5 titanium	Grade 5 titanium
RETENTION SYSTEM	ghost magnets	ghost magnets
TEETH NUMBER	10	10



MERCEDES AMG GT3
BEST PRACTICE GT3 SERIES

CODE	B.28.0133
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12



MERCEDES AMG GT3
BEST PRACTICE GT3 SERIES

CODE	B.28.0137
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12



FORMULA E GEN 3

BEST PRACTICE FORMULA E GEN 3

CODE	B.28.0156
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	circlip



FORMULA E GEN 4

BEST PRACTICE FORMULA E GEN 4

CODE	B.28.0142	B.28.0143
DRIVE	Paoli Spline	1"
MATERIAL	Grade 5 titanium	Grade 5 titanium
RETENTION SYSTEM	circlip and magnets	circlip and magnets
TEETH NUMBER	16	16

GHOST MAGNETS SOCKET

IN STOCK



SOCKETS



INDYCAR

BEST PRACTICE

INDYCAR

CODE	B.28.0161
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets and o-ring
TEETH NUMBER	20



INDYCAR

BEST PRACTICE

INDYCAR

CODE	B.28.0163
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets and o-ring
TEETH NUMBER	20



INDY NXT

BEST PRACTICE INDY NXT

CODE	B.28.0034
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	spring retainers



SUPER FORMULA

BEST PRACTICE SUPER FORMULA

CODE	B.28.0152
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	clip

ORECA

GHOST MAGNETS SOCKET



ORECA 07

BEST PRACTICE LMP2

CODE	B.28.0164
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	10



ON DEMAND

FERRARI



F488/F296

BEST PRACTICE GT3 SERIES

CODE	B.28.0058
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	24



F488/F296 & FERRARI 599XX

BEST PRACTICE F488/F296 CHALLENGE & FERRARI 599XX

CODE	B.28.0151
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	circlip
TEETH NUMBER	20



LAMBORGHINI HURACAN/TEMERARIO/AUDI R8

BEST PRACTICE GT3 SERIES

CODE	B.28.0095
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	magnets
TEETH NUMBER	10



MERCEDES AMG GT3

BEST PRACTICE GT3 SERIES

CODE	B.28.0119
DRIVE	1"
MATERIAL	7075 aluminium alloy
RETENTION SYSTEM	-
TEETH NUMBER	24

ASTON MARTIN



ASTON MARTIN

BEST PRACTICE GT3 SERIES

CODE	B.28.0144
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	22

SPLINE SOCKETS SERVICE KIT — INSERT ADAPTERS — SOCKET RINGS, RETAINERS & SEEGER



CODE: B.23.0222

The kit includes:

- 1 adjustable hook wrench with round pin
- 3 disc springs
- 3 self-locking washers
- 1 axial retaining screw

CODE: B.23.0243

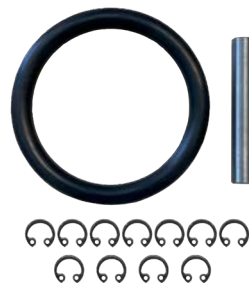
The kit includes:

- 3 disc springs
- 3 self-locking washers
- 1 axial retaining screw



Recommended just for garage use.
With this compact insert adapter to a bigger square drive the overall length is reduced to an absolute minimum.
The insert adapter sticks to the socket by means of a magnet.

CODE	WHEEL GUN	SOCKETS
B.29.0001	1/2"	3/4"
B.29.0002	3/4"	1"



WARNING!

Always ensure the correct installation of the retainer to avoid the risks of working with a loose socket!

CODE	DESCRIPTION
B.30.02.0004	Rings
B.30.01.0014	Retainers
D.09.08.0043	Seeger



PAOLI WHEEL HUBS

Thanks to years of experience in the production of motor-sport wheel guns, sockets and nuts, Dino Paoli S.R.L. is finally ready to add wheel hubs to its product offering. The expansion of our manufacturing capabilities, the dedication of our workers and the knowledge gained over the years by our team of engineers alongside major racing teams has made us ready to take on any engineering challenge.

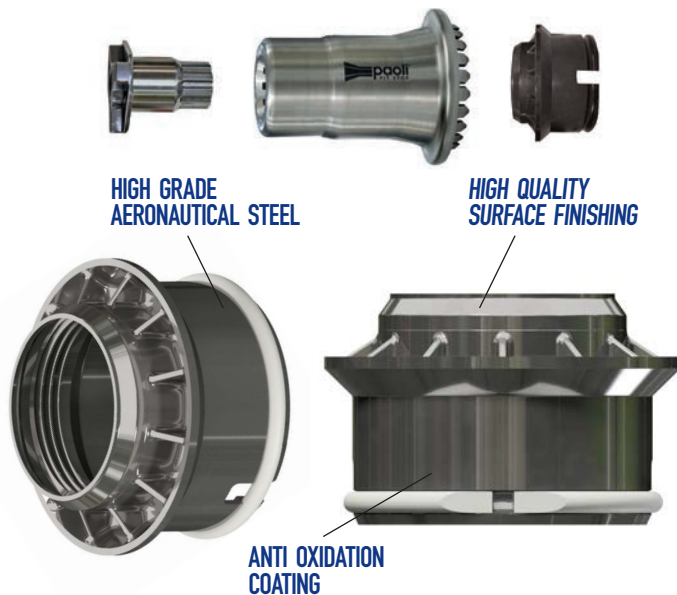


CONTACT US!
OUR TEAM WILL BE AT YOUR SERVICE

PAOLI WHEEL NUTS

Paoli is not only the go to for wheel guns: from the experience gained on the field and the internal engineering research, a new complete racing parts supply service is born. The R&D work of our highly qualified technicians, the cooperation with some of the most famous racing teams, and our 50 years long experience as wheel gun constructors make us experts in the field of forces applied to the **WHEEL NUTS** and in knowing how to manage them in order to improve **TOUGHNESS**, **DURABILITY** and **RELIABILITY** of the products.

We look at the system of wheel gun, socket, nut, and wheel hub as a whole to be optimised together in order to achieve a **FAST** and **SAFE PIT STOP**.



IN STOCK

FERRARI

COMPATIBLE WITH F488/F296

CODE	VERSION
B.32.0030	LH - 300M steel
B.32.0031	RH - 300M steel



COMPATIBLE WITH FERRARI CHALLENGE F488/F296 & FERRARI 599XX

CODE	VERSION
B.32.0046	LH - 7075 aluminium alloy
B.32.0047	RH - 7075 aluminium alloy



ON DEMAND WE ARE ABLE TO PRODUCE AND SUPPLY MORE WHEEL NUTS FOR DIFFERENT SPECIFIC NEEDS



COMPATIBLE WITH PORSCHE GT3

CODE

VERSION

B.32.0048

RH - 300M steel

COMPATIBLE WITH PORSCHE CUP

CODE

VERSION

B.32.0048

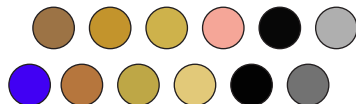
RH - 300M steel

B.32.0049

LH - 300M steel

DIFFERENT AVAILABLE VERSIONS :

COLOURS:



FINISHING:

- GLOSSY
- MATT





FAST REVERSE DEVICES

SPEED UP YOUR WHEEL GUN SHUTTLE MOTION



NEXT
DEVELOPMENT
ONDP6000

E-SHUTTLE

BEST PRACTICE MOTORSPORT APPLICATIONS

The E-Shuttle is the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion. The combination of electronic power and software control guarantees higher accuracy and repeatability allowing changes in less than 15 hundredths of a second. The operator can now command the spool position with a conventional switch that, conveniently located, can reduce effort and time of actuation.

The entire system is controlled by an electronic circuit housed in the back cover which logs and shares many analog and digital signal via CANBUS communication protocol; and it is powered with a 12 volts, 2 ampères supply.

The E-Shuttle system logs and controls several parameters:

- SOCKET ROTATION ANGLE RPM
- TELEMTRY PRESSURE
- E-SHUTTLE TELEMTRIC DATA
- SPOOL POSITION

Product name

E-SHUTTLE V5.2

E-SHUTTLE V7

Product code LH Version

B.23.0219

B.23.0228

Product code RH Version

B.23.0220

B.23.0229

paoli
PIT STOP



AVAILABLE ACCESSORIES

- Telemetry pressure sensor and hose
- Angle sensor Kit
- Spool switch and cable

HIGHLIGHTS

- Ease of actuation
- 0.15s spool change
- Repeatability

E-SHUTTLE SYSTEM



CONNECTORS



SPOOL SWITCH

RPM/ANGLE SENSORS

APPLY ON

PRODUCT	PAGE
HURRICANE 2.0 CLASSIC HANDLE	16
HURRICANE 2.0 90° ANGLED HANDLE	18
HURRICANE 2.0 SPLINE	20
HURRICANE 90° ANGLED HANDLE	22



NEW

DGS – DATA GATHERING SYSTEM

BEST PRACTICE MOTORSPORT APPLICATIONS

Optimal pit-stop performance can be achieved only through continuous technique refinement.

Data Gathering System is a newly developed on board system to be installed onto the highest performance pneumatic impact wrenches for acquisition of the most relevant parameters of a pit stop with the dual objective of improve safety and feedback performance information.

Air pressure, motor performance and nut speed profile are among the most relevant data read and processed by the system and feedback directly to the operator through a light indication system and remoted for post analysis.

Characteristics:

- 12V-16V POWER SUPPLY
- CAN BUS COMMUNICATION

PRODUCT CODE

DESCRIPTION

R.02.01.01.0076

Compatible with Greaves fuel system

B.23.0256

General purpose (Spline Drive)

AVAILABLE ACCESSORIES

- Data cable

HIGHLIGHTS

- Improved handling
- Retrofittable

APPLY ON

PRODUCT	PAGE
HURRICANE 2.0 CLASSIC HANDLE	16
HURRICANE 2.0 90° ANGLED HANDLE	18
HURRICANE 2.0 SPLINE	20
HURRICANE 90° ANGLED HANDLE	22
DP 6000 CLASSIC HANDLE	24
DP 6000 90° ANGLED HANDLE	26
DP 6000 SPLINE	28
DP 6000 BIAS	30



**COMPATIBLE WITH
GRAVES FUEL BOWSER
(SEE PAG 178)**



FAST SHIFT



CODE	DESCRIPTION	APPLY ON
B.23.0187	LH 2-PORT BLUE	HURRICANE CLASSIC HANDLE
B.23.0189	RH 2-PORT RED	
B.23.0188	LH 3-PORT BLUE	
B.23.0190	RH 3-PORT RED	HURRICANE 90° ANGLED HANDLE
B.23.0183	LH 2-PORT BLUE	
B.23.0185	RH 2-PORT RED	
B.23.0184	LH 3-PORT BLUE	DP 6000 CLASSIC HANDLE
B.23.0186	RH 3-PORT RED	
B.23.0175	LH 2-PORT BLUE	
B.23.0179	RH 2-PORT RED	DP 6000 90° ANGLED HANDLE
B.23.0177	LH 3-PORT BLUE	
B.23.0181	RH 3-PORT RED	
B.23.0176	LH 2-PORT RED	
B.23.0180	RH 2-PORT RED	
B.23.0178	LH 3-PORT BLUE	
B.23.0182	RH 3-PORT RED	



- Operator-controlled auto-reverse device
- Operator-friendly
- Increased speed of wheel gun direction-change
- Light weight: 430 grams

The Fast shift is an active system. So, to activate the inversion, it is sufficient to release the lever.

DROP SHIFT

CODE	DESCRIPTION	APPLY ON
D.01.49.0022	LH 2-PORT DROP SHIFT	HURRICANE CLASSIC HANDLE
D.01.49.0023	LH 3-PORT DROP SHIFT	HURRICANE 90° ANGLED HANDLE HURRICANE 2.0 CLASSIC HANDLE
D.01.49.0025	RH 2-PORT DROP SHIFT	HURRICANE 2.0 90° ANGLED HANDLE HURRICANE 2.0 SPLINE
D.01.49.0024	RH 3-PORT DROP SHIFT	

Developed for US IndyCar championship, Drop Shift technology allows the operator to automatically change the rotation direction of the wheel gun when it is dropped to the ground during a tire change.







WHEEL GUN OPTIONALS

ENHANCE YOUR PAOLI GUNS

FAST REVERSE SYSTEM



B.31.0001

Available only for DP 2000 S, DP 2000 SE, DP 197 SFE, DP 177 SFE



B.31.0016



B.31.0017



B.31.0018

Available for DP 3000, DP 4000 ALU, SUPERSPORT, DP 3000 SUPERSPORT, DP 4000 BIAS, DP 5000 BIAS, DP 6000 BIAS, DP 5000 TI MARK II, DP 6000, BLUEDEVIL.



B.31.0009



B.31.0010



B.31.0013



B.31.0005

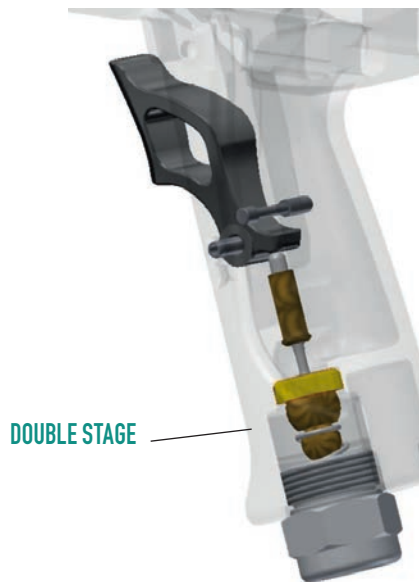
(B.31.0019 only for DP3000 SUPERSPORT)

Available only for wheel guns DP 3000, DP 4000 ALU, SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II, DP 5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.



B.31.0033

Available only for wheel guns DP 3000, DP 4000 ALU, SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II, DP 5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.



DOUBLE STAGE

This new system has been designed to act easily on the trigger even at very high pressures (over 25 bar).

CODE	AVAILABLE FOR
B.23.0132	DP4000 MG, DP4000 ALU
B.23.0165	DP6000
B.23.0226	HURRICANE
B.23.0248	HURRICANE 2.0



CODE	MATERIAL	AVAILABLE FOR
D.01.21.0070	Martensitic PH 17.4 Stainless Steel	HURRICANE 1.0 HURRICANE 2.0 - DP 6000
D.01.21.0069	Martensitic PH 17.4 Stainless Steel	HURRICANE 1.0 HURRICANE 2.0 - DP 6000 DP 5000 TI MARK II (72° angled handle)
D.01.21.0028	Steel	DP 6000 - DP 5000 TI MARK II DP 4000ALU
D.01.21.0027	PA w/ glass fiber	DP 6000 - DP 5000 TI MARK II DP 4000 ALU
D.01.21.0001	PA w/ glass fiber standard]	DP 5000 TI MARK II DP 4000 BIAS - DP 4000 ALU
D.01.21.0026	PA w/ carbon fiber	DP 6000 - DP 5000 TI MARK II DP 4000 ALU

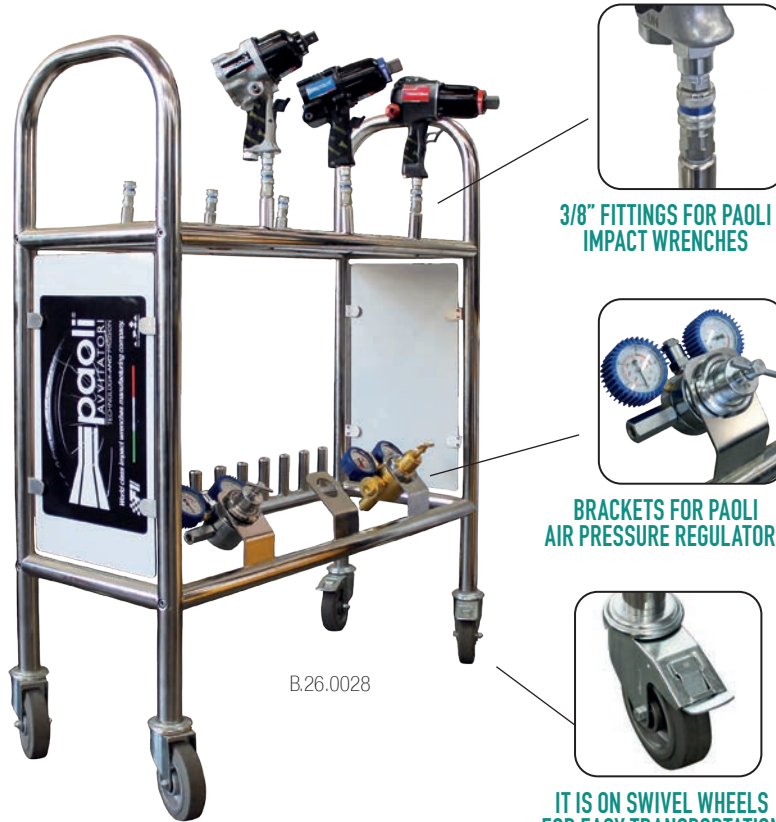


PAOLI DISPLAYERS

Demountable stand for Paoli wheel guns, air pressure regulators and accessories.

Easy to be disassembled.

Side panel graphics can be customized on request.



B.26.0028

3/8" FITTINGS FOR PAOLI
IMPACT WRENCHES

BRACKETS FOR PAOLI
AIR PRESSURE REGULATORS

IT IS ON SWIVEL WHEELS
FOR EASY TRANSPORTATION



B.26.0015

Table displayers made of steel for Paoli impact wrenches with quick release couplings included.

Models available:

- 1 position (B.26.0015)
- 3 positions (B.26.0009)
- 5 positions (B.26.0010)

WHEEL GUN BAGS — TYPHOON COVER — DATA CABLE



B.19.0011

Made of technical fabric with polyethylene foam padding.
Removable padding.

Hand wash with soap and water (not washing machine).

- New design: more ergonomic!
- Each bag can contain: 2 wheel guns with sockets mounted on
- Tags available



RAIN COVER

Rain protective cover made of rubber.

Embroidery available in:



black

AVAILABLE FOR PRODUCT CODE

Typhoon Plus with
torque indicator

Typhoon Plus

Typhoon 1"

B.18.0073



CONFIGURATION CABLE

On demand

USB-C configuration cable for Typhoon
Plus Shut Off.



COVERS – PNEUMATIC WHEEL GUN



**TRANSPARENT
PLASTIC COVER**

AVAILABLE FOR	PRODUCT CODE
HURRICANE	B.18.0050
DP 6000	
DP 5000 TI	B.18.0013
DP 4000 ALU	
DP 5000 BIAS - DP 6000 BIAS	B.18.0043
DP 2000 S, SE	B.18.0000
DP 4000 BIAS	B.18.0024
DP 197 SFE	B.18.0001
DP 36 SF EVO 4BIKE	B.18.0006



**BALLISTIC
NYLON COVER**

Technical fabric cover made of ballistic nylon.
Strong and durable, thick and resistant.

Available in:



AVAILABLE FOR	PRODUCT CODE
	B.18.0047 black
HURRICANE	B.18.0048 red
	B.18.0049 blue
DP 6000,	B.18.0031 black
DP 5000 TI,	B.18.0032 red
DP 4000 ALU	B.18.0033 blue
	B.18.0056 black
DP 3000 SUPERSPORT	B.18.0057 red
	B.18.0058 blue

Other models coming soon.



**CARBON LOOK
COVER**

Cover made of leather with carbon texture,
with 3 mm thick internal padding made of
high density closed cell sponge.

Embroidery available in:



AVAILABLE FOR	PRODUCT CODE
	B.18.0068 red
	B.18.0069 blue
HURRICANE	B.18.0070 yellow
	B.18.0071 light blue
	B.18.0072 white
	B.18.0063 red
DP 6000,	B.18.0064 blue
DP 5000 TI,	B.18.0065 yellow
DP 4000 ALU	B.18.0066 light blue
DP 4000 30BAR	B.18.0067 white

Different embroidery color
available on demand.



RUBBER COVER

AVAILABLE FOR	PRODUCT CODE
4BIKE	B.18.0006
DP1050	B.18.0037

GRIP TAPES



T.02.0030



T.02.0023



T.02.0022

PRODUCT CODE	DESCRIPTION
T.02.0030	Handle sticker for HURRICANE 90° ANGLED HANDLE, DP 6000 90° ANGLED HANDLE
T.02.0023	Handle sticker for HURRICANE 72° ANGLED HANDLE, DP 6000 72° ANGLED HANDLE, DP 5000 TI, DP 4000 ALU, DP 2000 SE, SUPERSPORT, DP 197 SFE
T.02.0022	Handle sticker for DP 36 SF EVO
B.23.0076	Grip Tape (15 m x 50 mm)

LABELS



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
HURRICANE 2.0	LH Version T.02.0097	T.02.0212
	RH Version T.02.0099	T.02.0213
	UH Version T.02.0098	T.02.0214



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 6000 BIAS	T.02.00158	T.02.0095



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
SUPERSPORT	LH Version T.02.0097	T.02.0088
	RH Version T.02.0099	T.02.0089
	UH Version T.02.0098	T.02.0090



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 6000 CLASSIC HANDLE	LH Version T.02.0097	T.02.0096
DP 6000 90° ANGLED HANDLE	RH Version T.02.0099	T.02.0094
DP 6000 SPLINE		
DP 5000 TI MARK II	UH Version T.02.0098	T.02.0095
DP 4000 ALU		
DP 4000 30BAR		

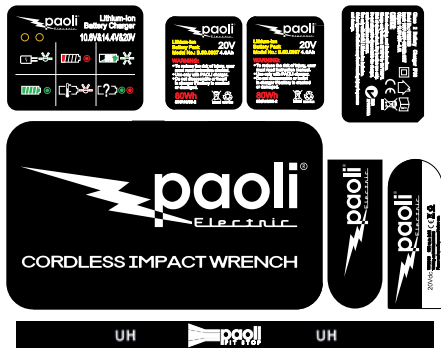


AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 2000 SE	LH Version T.02.0097	T.02.0091
DP 197 SFE	RH Version T.02.0099	T.02.0093
DP 177 SFE		
DP 36 SF EVO	UH Version T.02.0098	T.02.0092



AVAILABLE FOR	PRODUCT CODE		
	Cover	Handle	Battery
TYPHOON PLUS WITH TORQUE INDICATOR	LH Version T.02.0226, T.02.0228	T.02.0192	T.02.0189
	RH Version T.02.0227, T.02.0228	T.02.0192	T.02.0189

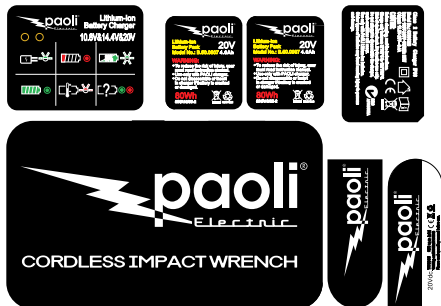
LABELS



AVAILABLE FOR PRODUCT CODE

TYPHOON PLUS T.02.0183,
T.02.0098

TYPHOON 1" T.02.0232,
T.02.0098



AVAILABLE FOR PRODUCT CODE

TYPHOON BRUSHLESS T.02.0215

TYPHOON 1/2" T.02.0135

TYPHOON 3/4" T.02.0148

ROCKET T.02.0100

TORNADO T.02.0230





paoli®
PIT STOP
WE SPEED YOUR RACE

anniversary celebration
anniversary celebration
anniversary celebration

MAGSEAM
SEAMLESS WALLING



AIR SUPPLY SYSTEM

EQUIPMENT FOR THE MAXIMUM POWER



AIR SUPPLY SYSTEM

124

QUICK RELEASE
COUPLINGS



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TURNING
CONNECTORS



138

AIR PRESSURE
REGULATORS



134

HOSES



152

AIR BOTTLES
& TROLLEYS



162

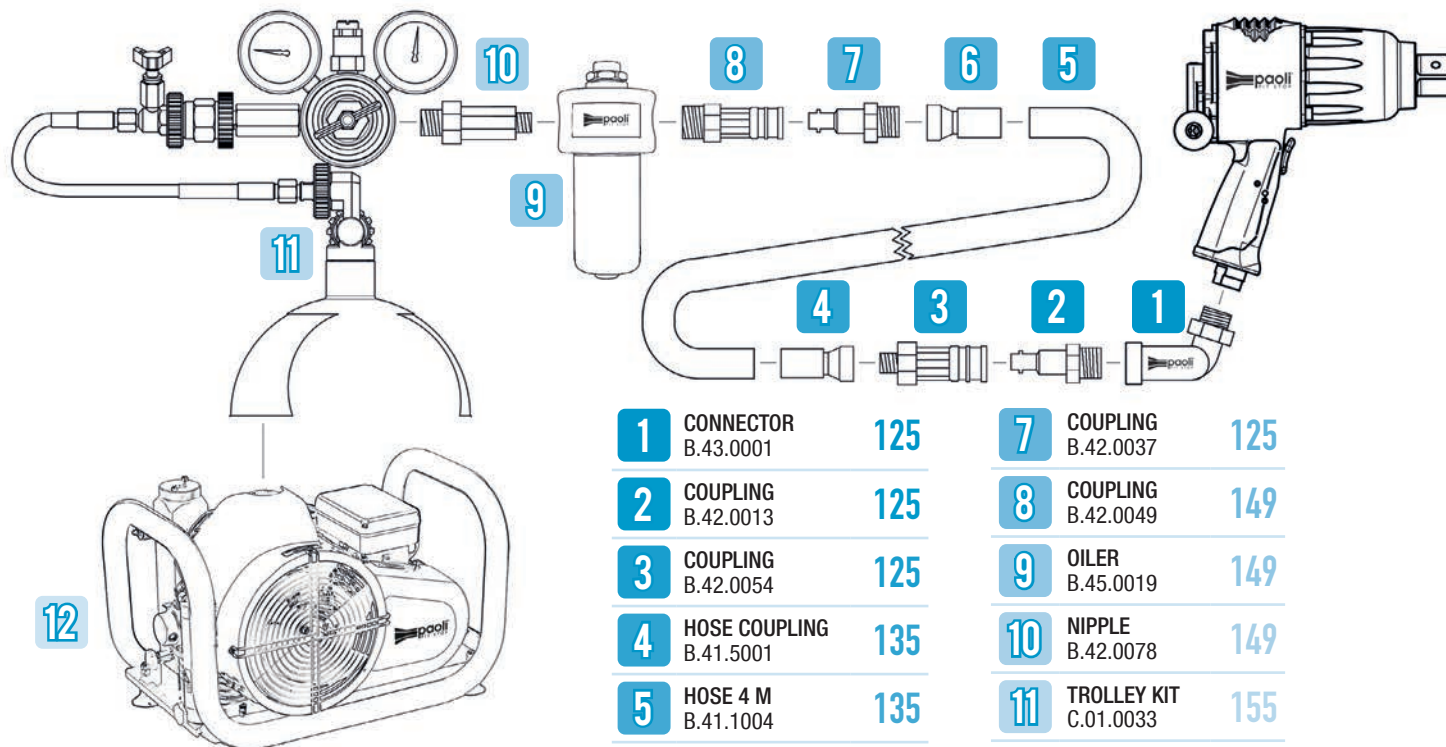
AIR BOTTLE
COMPRESSOR



RECOMMENDED PAOLI PIT STOP SYSTEM

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

1/2" FITTING

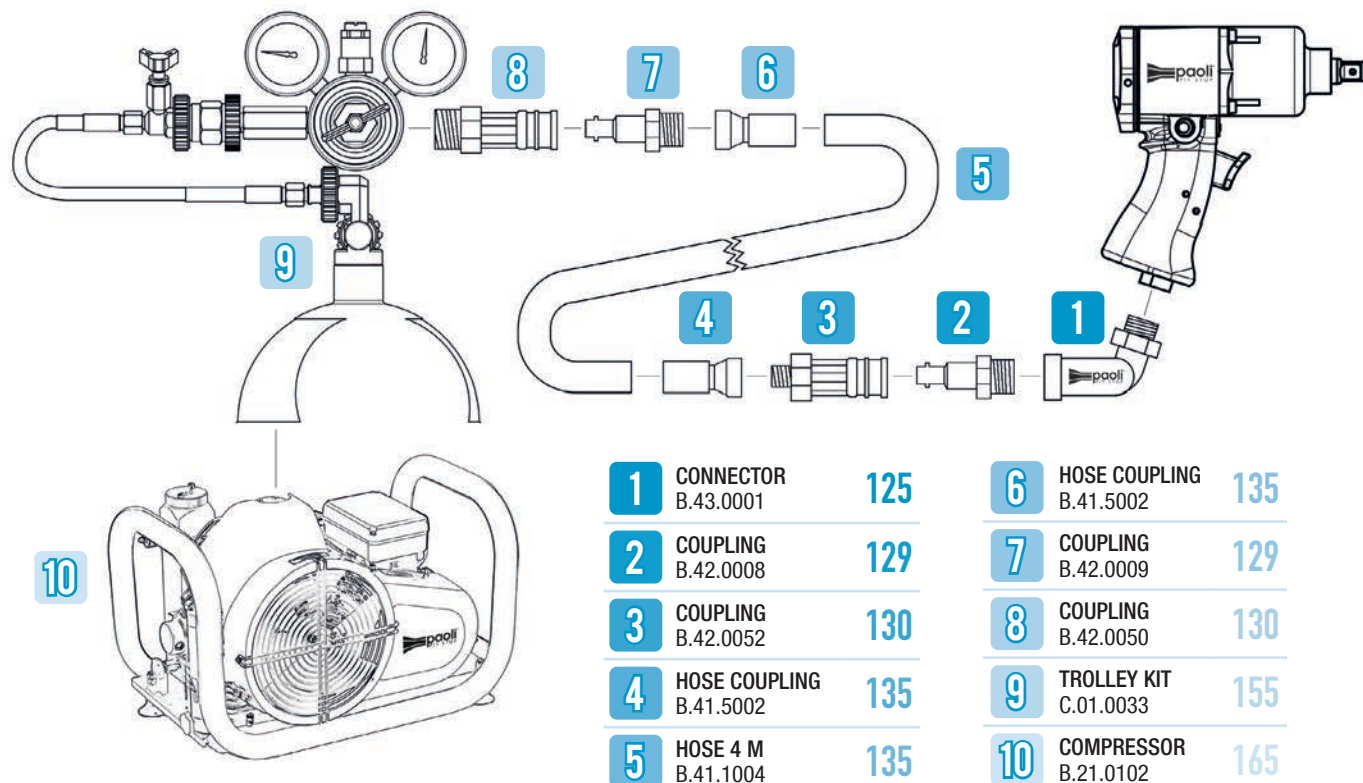


1	CONNECTOR B.43.0001	125	7	COUPLING B.42.0037	125
2	COUPLING B.42.0013	125	8	COUPLING B.42.0049	149
3	COUPLING B.42.0054	125	9	OILER B.45.0019	149
4	HOSE COUPLING B.41.5001	135	10	NIPPLE B.42.0078	149
5	HOSE 4 M B.41.1004	135	11	TROLLEY KIT C.01.0033	155
6	HOSE COUPLING B.41.5001	135	12	COMPRESSOR B.21.0102	165

RECOMMENDED PAOLI PIT STOP SYSTEM

SUITABLE FOR: DP 36 SF EVO • 4BIKE

3/8" FITTING



QUICK RELEASE COUPLINGS 1/2" – (FOR HOSE THREADED 1/2" BSP)

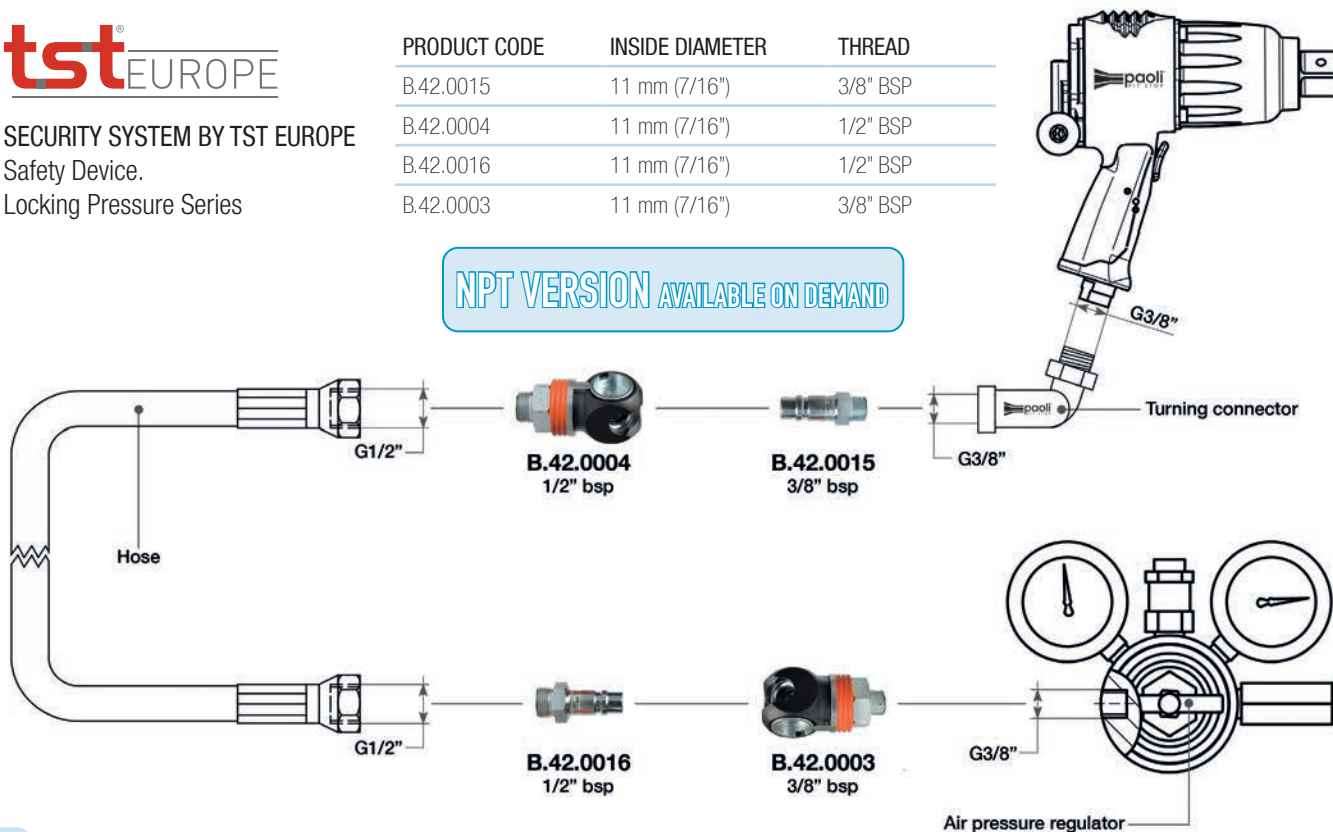
SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

tst[®]EUROPE

SECURITY SYSTEM BY TST EUROPE
Safety Device.
Locking Pressure Series

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0015	11 mm (7/16")	3/8" BSP
B.42.0004	11 mm (7/16")	1/2" BSP
B.42.0016	11 mm (7/16")	1/2" BSP
B.42.0003	11 mm (7/16")	3/8" BSP

NPT VERSION AVAILABLE ON DEMAND



QUICK RELEASE COUPLINGS 1/2" – (FOR HOSE THREADED 1/2" BSP)

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE



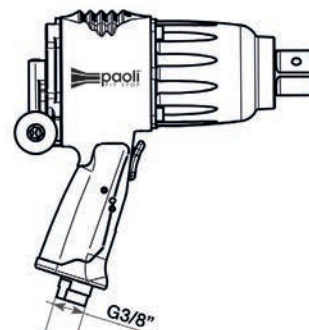
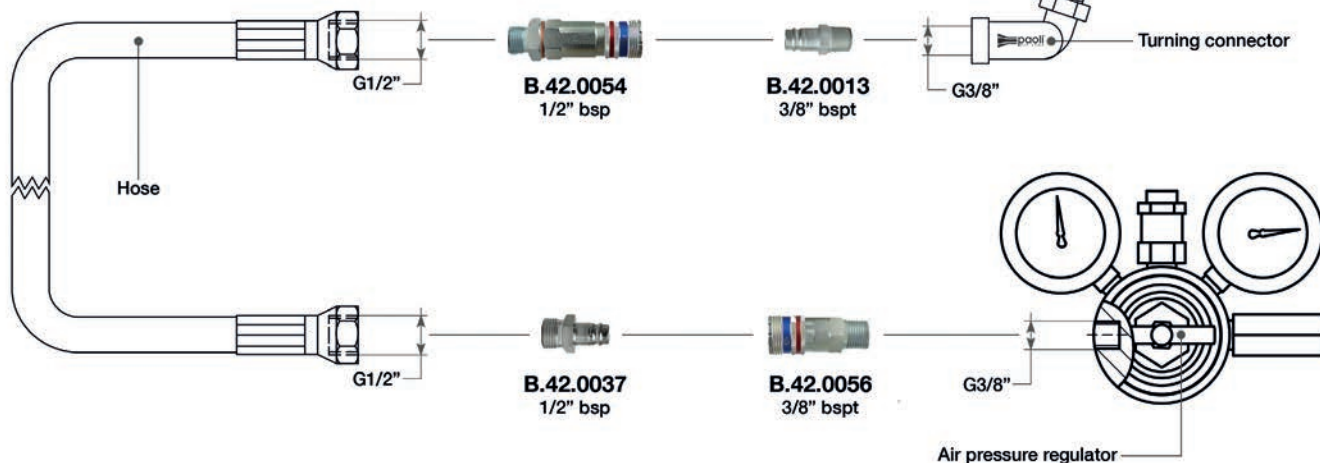
eSafe

ESAFE SYSTEM - WITH SAFETY OUTLET

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0013	10,4 mm (13/32")	3/8" BSPT
B.42.0054	10,4 mm (13/32") ID 60°	1/2" BSP
B.42.0037	10,4 mm (13/32") ID 60°	1/2" BSP
B.42.0056	10,4 mm (13/32")	3/8" BSPT

NPT VERSION AVAILABLE ON DEMAND



A

AIR SUPPLY SYSTEM

QUICK RELEASE COUPLINGS 1/2"

QUICK RELEASE COUPLINGS 1/2" – (FOR HOSE THREADED 1/2" BSP)

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

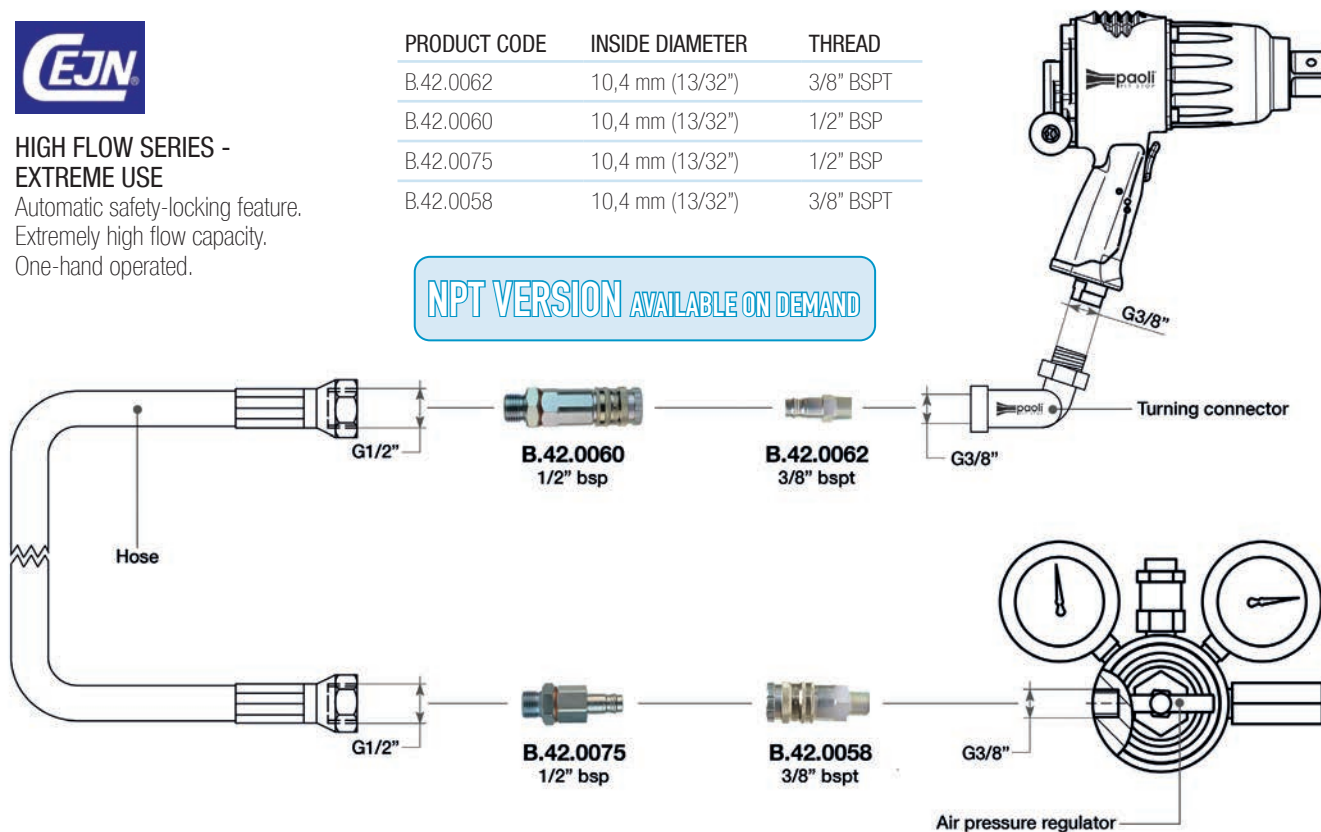


HIGH FLOW SERIES - EXTREME USE

Automatic safety-locking feature.
Extremely high flow capacity.
One-hand operated.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0062	10,4 mm (13/32")	3/8" BSPT
B.42.0060	10,4 mm (13/32")	1/2" BSP
B.42.0075	10,4 mm (13/32")	1/2" BSP
B.42.0058	10,4 mm (13/32")	3/8" BSPT

NPT VERSION AVAILABLE ON DEMAND



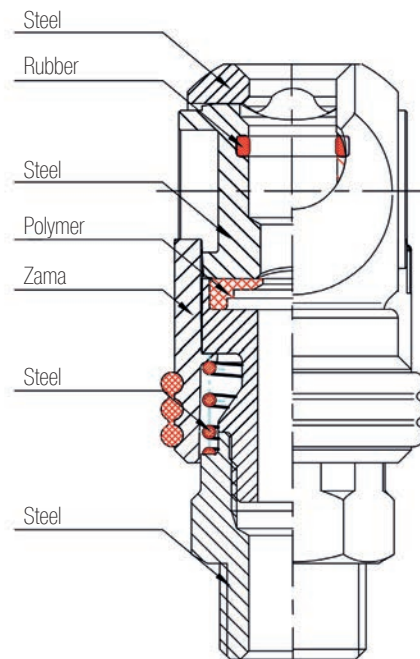


High technology materials

New colour codes

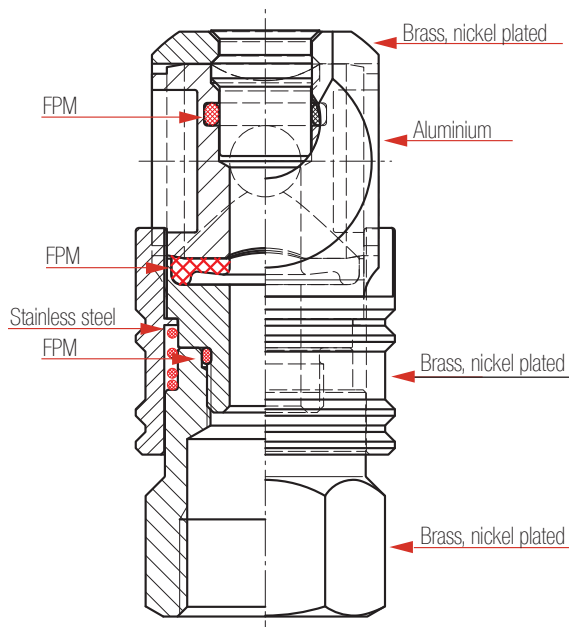
Available versions:
3/8" - Code B.42.0001
1/2" - Code B.42.0002

NPT VERSION AVAILABLE ON DEMAND





Available versions:
3/8" - Code B.42.0119
1/2" - Code B.42.0120



NPT VERSION AVAILABLE ON DEMAND

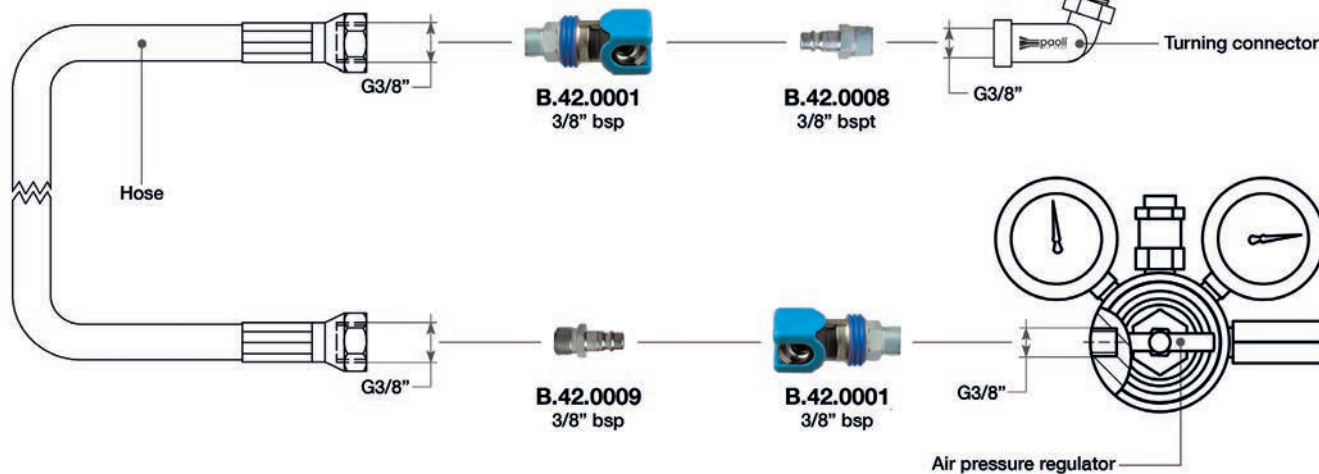
SUITABLE FOR: DP 36 SF EVO • 4BIKE



SECURITY SYSTEM BY TST EUROPE
Safety Device.
Locking Pressure Series

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0008	7,6 mm (19/64")	3/8" bspt
B.42.0001	8 mm (5/16")	3/8" bsp
B.42.0009	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0001	8 mm (5/16")	3/8" bsp

NPT VERSION AVAILABLE ON DEMAND

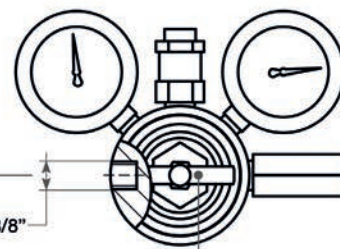
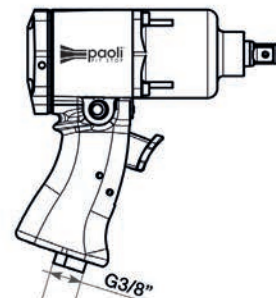
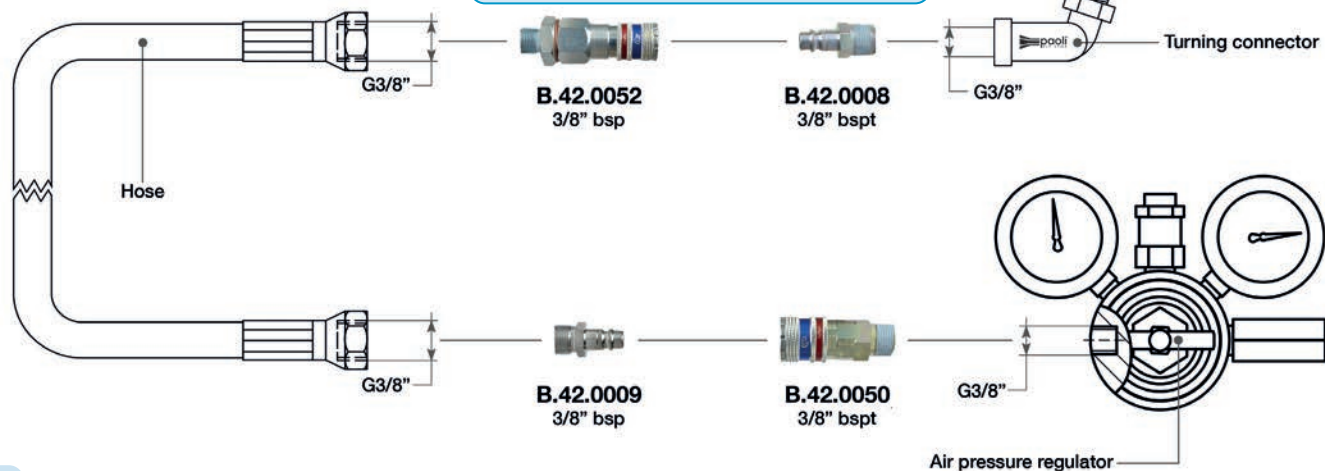


SUITABLE FOR: DP 36 SF EVO • 4BIKE

**ESAFE SYSTEM - WITH SAFETY OUTLET**

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0008	7,6 mm (19/64")	3/8" bspt
B.42.0052	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0009	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0050	7,6 mm (19/64")	3/8" bspt

NPT VERSION AVAILABLE ON DEMAND


SUITABLE FOR: DP 36 SF EVO • 4BIKE

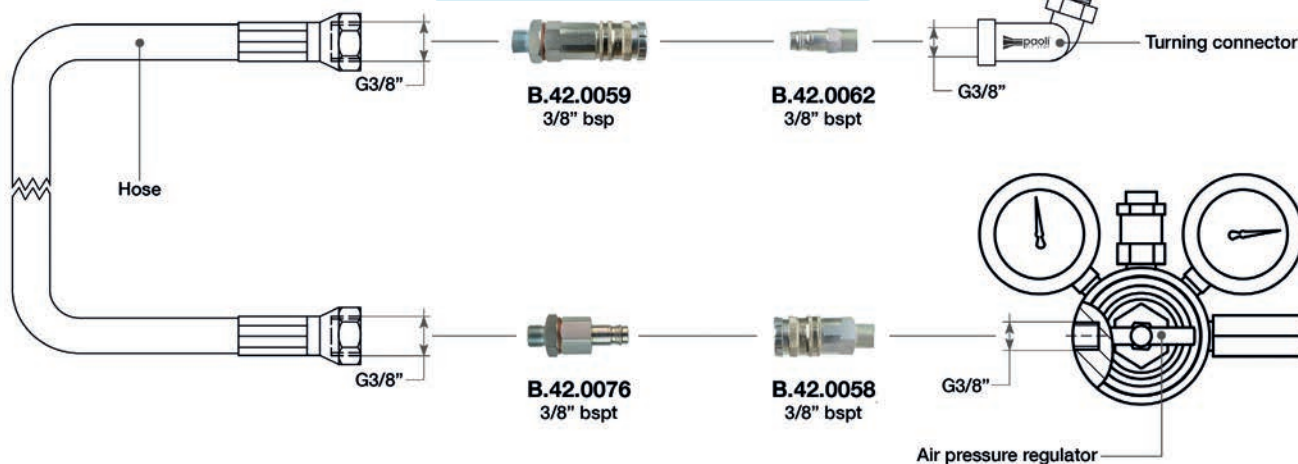


HIGH FLOW SERIES - EXTREME USE

Automatic safety-locking feature.
Extremely high flow capacity.
One-hand operated.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0062	10,4 mm (13/32")	3/8" bspt
B.42.0059	10,4 mm (13/32") ID 60°	3/8" bsp
B.42.0076	10,4 mm (13/32")	3/8" bspt
B.42.0058	10,4 mm (13/32")	3/8" bspt

NPT VERSION AVAILABLE ON DEMAND



TURNING CONNECTORS

COLOURED TURNING CONNECTORS!

BLUE AND RED



The brand new coloured turning connectors are born to be matched to the RH-RED and LH-BLUE Paoli wheel guns.

The TYPE D coloured turning connectors are available in 1/2" and 3/8" versions.

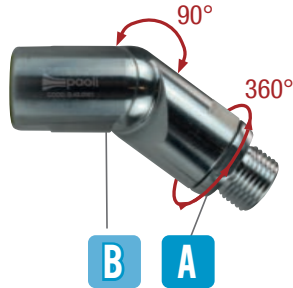
PRODUCT CODE	COLOUR	MALE/FEMALE	INSIDE DIAMETER	TURNING
B.43.0061	red	3/8" BSP	11 mm	360°
B.43.0062	blue	3/8" BSP	11 mm	360°
B.43.0063	red	1/2" BSP	11 mm	360°
B.43.0064	blue	1/2" BSP	11 mm	360°

TURNING CONNECTORS

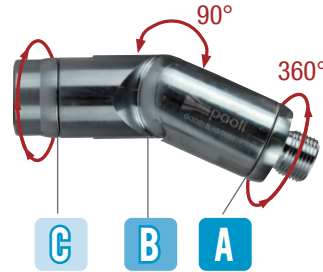
TYPE R



TYPE D

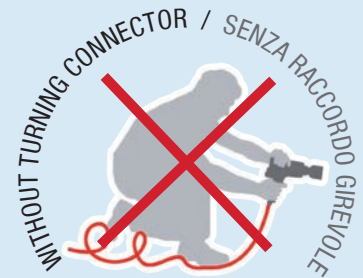


TYPE D3



	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER	TURNING	FLEXING HOSE CONNECTOR	TURNING
TYPE D	B.43.0001	3/8" BSP	11 mm	360°	90°	
	B.43.0004	1/4" NPT	7 mm	360°	90°	
	B.43.0007	1/2" BSP	11 mm	360°	90°	
TYPE R	B.43.0003	3/8" BSP	11 mm	360°	--	
	B.43.0011	1/2" BSP	11 mm	360°	--	--
TYPE D3	B.43.0002	3/8" BSP	11 mm	360°	90°	360°
	B.43.0041	1/2" BSP	11 mm	360°	90°	360°

**NO MORE
TANGLED
HOSES!**



HOSES

HOW TO ORDER:

1. Select the length of the hose
(TABLE A)



2. Select the couplings at both ends of the hose (TABLE B/C)



More items and configurations on demand.



BLACK HOSE

- 75 bar
- Customizable lengths and fittings
- High quality and strength

YELLOW HOSE

- 75 bar
- Customizable lengths and fittings
- High visibility in any light condition!

FLUORESCENT HOSE

- 75 bar
- Customizable lengths and fittings
- Fluorescent yellow marking along the entire hose: it shines in the dark!
- High visibility during night operations.

HOSES



HOSE COVER

- Expandable hose cover
- Flexo PET Techflex
- More colors available on demand

TECHNICAL DATA

- Bore size: 13 mm
- Braid od: 23,5 mm
- Working pressure: 75 bar

TABLE A - SELECT LENGHT

CODE			LENGTH
Black hose	Yellow hose	Fluorescent hose	
B.41.1001	B.41.3501	B.41.1501	1 m
B.41.1002	B.41.3502	B.41.1502	2 m
B.41.1003	B.41.3503	B.41.1503	3 m
B.41.1004	B.41.3504	B.41.1504	4 m
B.41.1005	B.41.3505	B.41.1505	5 m
B.41.1006	B.41.3506	B.41.1506	6 m
B.41.1007	B.41.3507	B.41.1507	7 m
B.41.1008	B.41.3508	B.41.1508	8 m
B.41.1009	B.41.3509	B.41.1509	9 m
B.41.1010	B.41.3510	B.41.1510	10 m

TABLE B/C - SELECT COUPLINGS

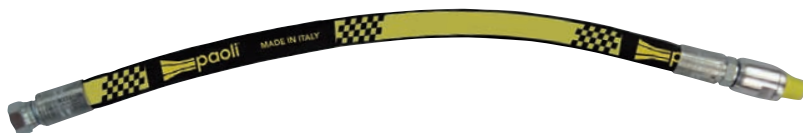
	ANGLE	1/2"	3/8"	NPT 3/8
Female	0°	B.41.5001	B.41.5002	B.41.5003
	45°	B.41.5004	B.41.5005	
	90°	B.41.5007	B.41.5008	
Male	0°	B.41.5010	B.41.5011	



WHIP HOSES



WH3C - B.20.01.0007
Whip Hose w/D3 Turning Connector



WHSC - B.20.01.0002
Whip Hose w/Swivel Fitting



WHTC - B.20.01.0001
Whip Hose w/360° Turning Connector

PRODUCT NAME	PRODUCT CODE	INSIDE DIAMETER	OUTSIDE DIAMETER	LENGTH		CONNECTION SIDE 1	CONNECTION SIDE 2	
WHTC	B.20.01.0001	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0001	B.41.0003	female
WHSC	B.20.01.0002	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0003	B.41.0003	female
WH3C	B.20.01.0007	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0002	B.41.0003	female

PAOLI REGULATORS



Main features: Paoli regulators have all been conceived to first guarantee the correct (very high) air flow to all the models of Paoli guns. Furthermore, all the Paoli regulators minimize the pressure drop from static to dynamic. We do deliver mostly piston regulators for high pressure and diaphragm regulators for lower pressures.

- All of our regs are entirely made of brass
- We can deliver different kind of gauges (standard, filled w/ Vaseline to stabilize the needle, w/double main scale psi/bar)
- We do always recommend to match a high pressure oiler to each regulator and to ship them back regularly to us or to an authorized service centre for a complete overhaul.

GAUGES AVAILABLE
WITH BOTH MAIN
SCALES (BAR/PSI)

SAFETY VALVE ADJUSTED AT 50 BAR

F5 FEATURES

HIGH FLOW FILTER EASY
TO REPLACE

IMMEDIATELY REPLACEABLE
TO THE OLD F4 MODEL

PISTON INSIDE

AIR PRESSURE AND
VOLUME BALANCER
DEVICE

BODY MADE OF BRASS

The 'Paoli F5' pressure regulator is one of the best models available. It can immediately replace the old F4 model without the need for modifications. In addition, the fixing nut is already included.

- It grants constant air flow also at high pressures.
- It keeps high performances also when the air bottle is almost empty.
- It gives very high air flow

MANUAL



Operating and
Maintenance
Manual

MODEL F1 / MODEL F2



PISTON MECHANISM



TWO MODELS IN 1!

F1 can be converted into the F2 model with just one overpressure valve adjustment and replacement of spring, plate and pressure gauge

CODE	B.40.0001	B.40.0034	B.40.0040
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	150 Nm ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-60 bar
OVER PRESSURE VALVE SETTING	30 bar	30 bar	30 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK			
HIGH FLOW FILTER			
BALANCED			

CODE	B.40.0002	B.40.0035	B.40.0041
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	150 Nm ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-100 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK	•	•	
HIGH FLOW FILTER			
BALANCED			

MODEL F4



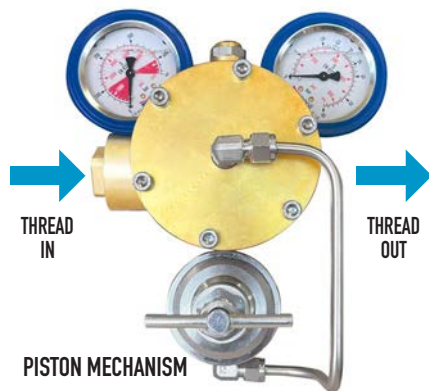
CODE	B.40.0042
INLET PRESSURE	350 bar
MAX FLOW (20 BAR/OUT)	500 Nm ³ /h
GAUGES IN	0-450 bar
GAUGES OUT	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar
THREAD IN	1/4" BSP
THREAD OUT	3/8" BSP
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	•
BALANCED	•

MODEL F5



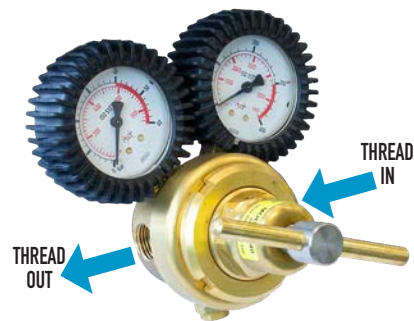
CODE	B.40.0103	B.40.0112 MAIN SCALE psi
INLET PRESSURE	350 bar	350 bar
MAX FLOW (20 BAR/OUT)	500 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-450 bar	0-300 bar
GAUGES OUT	0-100 bar	0-50 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP
FLOW	high	high
AIRJACK	•	•
HIGH FLOW FILTER	•	•
BALANCED	•	•

MODEL F9 2.0



CODE	B.40.0104	B.40.0105	B.40.0106
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h	400 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	40 bar	40 bar	40 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK			
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

MODEL F40



DIAPHRAGM MECHANISM

CODE	B.40.0049
INLET PRESSURE	300 bar
MAX FLOW (20 BAR/OUT)	700 Nm ³ /h
GAUGES IN	0-450 bar
GAUGES OUT	0-60 bar
OVER PRESSURE VALVE SETTING	40 bar
THREAD IN	1/4" BSP
THREAD OUT	1/2" BSP
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	
BALANCED	



S.01.0161

The air pressure regulator service fixture sustains the regulator during its assembling and disassembling phases.

It is compatible with the following Paoli air pressure regulator models: F1, F2, F4 and F9 2.0.



B.23.0171

This kit has been designed to test the air pressure regulators. The air pressure regulator testing bench is composed by:

- 1 bench (350 x 130 x 80 mm)
- 1 hose
- 1 valve

DIN 200 Bar coupling for compressor available on demand (Code: B.21.0088)

— SPARE GUN AIR SUPPLY DEVICE —

FIXING NUTS



B.42.0073

This device allows the operator to get a second spare gun connected to the same air supply. It is needed in case of EMERGENCY (first gun failing) during the pit stop operations.

WARNING: you should use just on gun at a time otherwise the air flow drops down very quickly.

Couplings not included.



B.40.0007



B.40.0094

Fixing nuts for air pressure regulators
F1 - F2 - F4



ELECTRONIC PRESSURE SWITCH



Electronic pressure switch mountable on all Paoli pressure regulators.

The acoustic alarm, audible at a distance, alerts the user when the cylinder is emptying. This limits the risk of running out of air and reduces the possibility of compromising the wheel gun performance in case of semi-empty air bottles.

FEATURES

- Easily readable digital display
- Intuitive and fast setup
- Settable Pressure
- Easy and flexible mounting
- Acoustic alarm
- Power adapter included



CODE	B.40.0090
CONNECTION	1/4" BSP
RANGE	0-400 bar
VOLTAGE	9-36V DC (without the included power adapter); 110V-220V AC (using the included power adapter).
DECIBEL	100 dB
PIN CONNECTION	Pin 1: 9-36V DC Pin 2: GND



ANALOGIC GAUGES



B.40.0071



B.40.0072



B.40.0073



B.40.0116



B.40.0074



B.40.0075



B.40.0076



B.40.0117

CODE	DIAMETER	CONNECTION	RANGE		GLYCERIN	DISPLAY
B.40.0071	63 mm	1/4" BSP	0-450 bar	0-6500 PSI	X	analogic
B.40.0072	63 mm	1/4" BSP	0-450 bar	0-6500 PSI	X	analogic
B.40.0073	63 mm	1/4" BSP	0-60 bar	0-870 PSI	X	analogic
B.40.0074	63 mm	1/4" BSP	0-100 bar	0-1450 PSI	X	analogic
B.40.0075	63 mm	1/4" BSP	0-28 bar	0-400 PSI	X	analogic
B.40.0076	63 mm	1/4" BSP	0-60 bar	0-870 PSI	X	analogic
B.40.0116	63 mm	1/4" BSP	0-50 bar	0-700 PSI		analogic
B.40.0117	63 mm	1/4" BSP	0-300 bar	0-4200 PSI		analogic

DIGITAL GAUGES



PROTECTIVE COVER INCLUDED

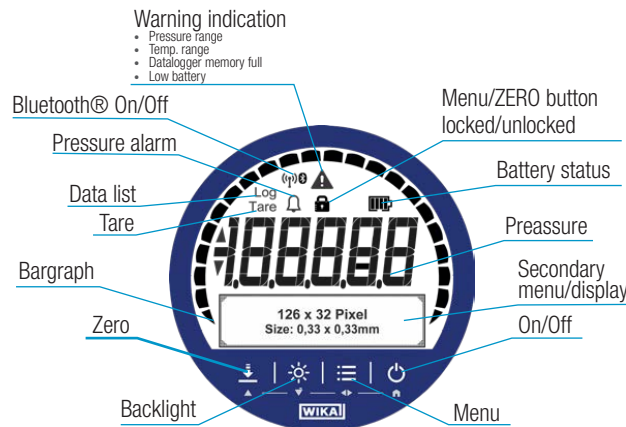
BACKLIGHTING:

the display can be easily read, even under poor lighting conditions.

USB and Bluetooth® Interface

This pressure gauge integrates a Micro-USB interface for simple data transmission with high interference resistance and can be equipped with a Bluetooth® interface for wireless communication.

PRECISE AND QUICK READING OF THE DISPLAY



- Suitable for mobile applications, robust and extremely precise
- Pressure ranges up to -1 ... +1,000 bar [-14.5 ... +15,000 psi] (relative pressure) feature an accuracy of up to 0.25% FS.
- Datalogger with up to 1 million data points and Min/Max function; the quick and simple testing minimizes the risk of production interruptions.
- Thanks to the Ex version, it is also suitable for the most complex and hazardous applications such as Oil & Gas.
- The power-saving mode allows a battery life of up to 4,000 hours.

FEATURES

- Battery operation (3 x 1.5 V AA cell)
- Min/Max memory function
- Unit switching: bar, psi, MPa, kg/cm², mbar
- Protection rating: IP65
- Accuracy (IEC 61298-2): 0,5 % FS
0,25 % FS

CODE	DIAMETER	CONNECTION	RANGE		DISPLAY
On-demand	87 mm	1/4" BSP	0-100 bar	0-1500 PSI	digital
On-demand	80 mm	1/4" BSP	0-600 bar	0-8700 PSI	digital



HIGH FLOW FILTER



B.45.0005

**FILTER CAPSULE
TO BE REPLACED REGULARLY**



D.03.07.0078

HIGH FLOW FILTER FOR AIR PRESSURE REGULATOR KIT

Suitable for air pressure regulators for heavy duty application.
High surface area to grant bigger air flow.
Easy maintenance service.
Regularly replace the filter cartridge.

PRODUCT NAME	CODE	THREAD IN	THREAD OUT
High Flow Filter for F4	B.45.0005	1/4" BSP female	3/8" BSP male
High Flow Filter for F5	B.45.0020	3/8" Gas female	3/8" Gas male

PRODUCT NAME	CODE
Filter Capsule for F4	D.03.07.0078
Filter Capsule for F5	D.03.07.0211



HIGH PRESSURE OILER



Oil level indicator



MORE SPEED AND PERFORMANCE, INCREASED LIFESPAN OF YOUR PAOLI GUN

The oiler constantly lubricates the air motor getting the maximum speed and increasing its reliability.

CODE	B.45.0019
MAX OPERATING PRESSURE	60 bar
EFFECTIVE BOWL VOLUME	120 cm ³
SIZE	1/2" BSP
MOUNTING POSITION	Vertical
BOWL MATERIAL	Brass

ACCESSORIES

The following accessories are essential to assemble the oiler:

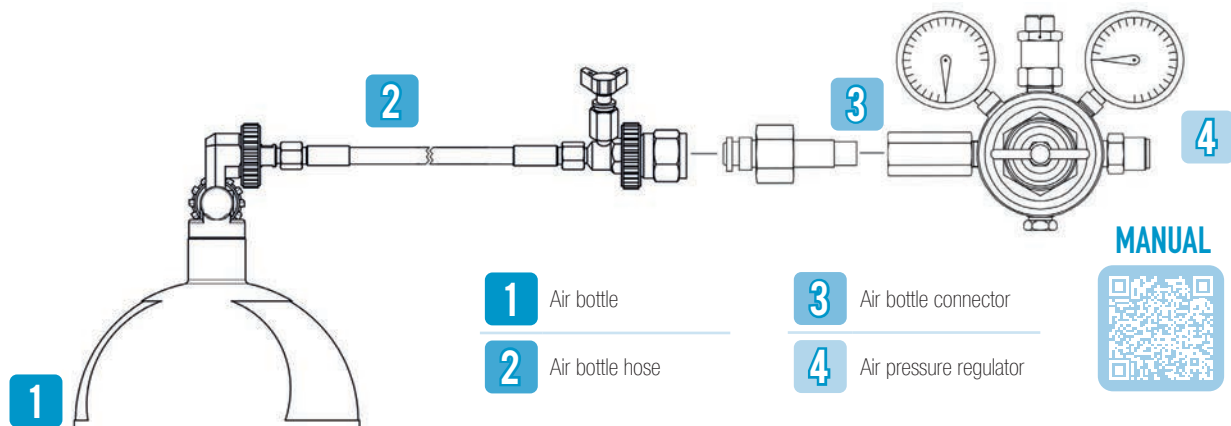


NIPPLE
Product Code B.42.0078



COUPLING
Product Code B.42.0049

AIR BOTTLE CONNECTORS



1 Air bottle

2 Air bottle hose

3 Air bottle connector

4 Air pressure regulator

MANUAL



Operating and
Maintenance
Manual



B.01.0002



B.01.0006



B.01.0011



B.01.0007



B.01.0013



B.01.0017

CODE	WORKING PRESSURE	DESCRIPTION	UNI CODE (OLD)	UNI CODE (NEW)
B.01.0001	220 bar	COD-BSP		BS341 NR3
B.01.0002	220 bar	COD-D		DIN 477-13
B.01.0029	220 bar	COD-D		DIN 477-13
B.01.0003	220 bar	COD-FR-J	ex UNI 4406 02	UNI 11144 NR2
B.01.0004	220 bar	COD-FR-N2		NF E29-650
B.01.0005	220 bar	COD-IT	ex UNI 4410 AIR	UNI 11144 NR6
B.01.0006	220 bar	COD-N2	ex UNI 4409 N2	UNI 11144 NR5
B.01.0007	220 bar	COD-US	ex UNI 4412 AR-HE	UNI 11144 NR8
B.01.0011	220 bar	COD-J	JAPAN	
B.01.0014	220 bar	COD-IN	INDIAN STANDARD	3224 2002
B.01.0013	220 bar	COD-CN	CHINA	N2 G5/8"
B.01.0016	220 bar	CGA580	use with F1, F2, F4, F9 2.0	
B.01.0017	220 bar	CGA580	use with F6, F7	
B.01.0027	300 bar	DIN 300	with pin	
B.01.0024	300 bar	DIN 300	with pin	



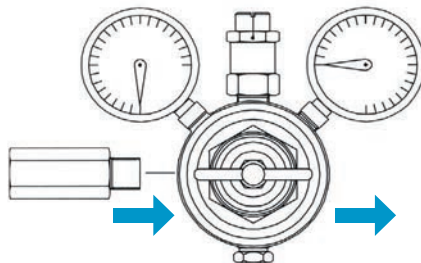
B.40.0008

This support connects the air bottle connector to the air pressure regulator. Suitable for F1 and F2 air pressure regulators.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: 3/8" BSP male



B.40.0056

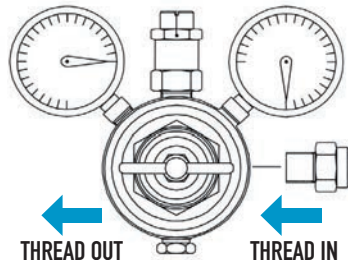
NEW ADAPTER FOR PRESSURE REGULATORS

New adapter for air pressure regulators F40 and F15.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: M15x1 male



AIR BOTTLE COVER FOR PAOLI AIR BOTTLES

- Black textile cover
- Available for 18 and 15 litres air bottles
- New design

PRODUCT CODE	LITRES
B.22.05.0000	18
B.22.05.0001	15

AIR BOTTLE

COMPOSITE AIR BOTTLE WITH CARBON FIBER



- Capacity: 9 liters
- Max pressure at 15° C: 300 bar
- Double connection (B.22.01.0014)

Air bottle valves M25x2:
Double connection (B.22.04.0011)

— SINGLE INLET BOTTLE — DOUBLE INLET BOTTLE — MOBILE AIR BOTTLE —



B.22.01.0000
B.22.01.0002



B.22.01.0003
B.22.01.0001



C.01.0009

Ideal to restore the tire pressure.
Equipped with: pressure gauge, air
pressure regulator, hooking system
on the belt.

Tyre inflating gun not included.

PRODUCT CODE	CAPACITY (LITRES)	MAX ALLOWED PRESSURE (BAR)	CONNECTION	CONNECTION TYPE
B.22.01.0000	15	232	Single	INT - Female / DIN - Male
B.22.01.0003*	15	232	Double	INT - Female / DIN - Male
B.22.01.0002**	18	232	Single	INT - Female / DIN - Male
B.22.01.0001**/*	18	232	Double	INT - Female / DIN - Male

PRODUCT CODE	CAPACITY (LITRES)	WORKING PRESSION MAX (BAR)
C.01.0009	1	200

* Suggested in order to avoid to dismount the air pressure regulator while recharging the bottle

** Just on demand

AIR BOTTLE TROLLEYS



The single trolley can be converted in double trolley.



The double trolley can be converted in single trolley.

C.01.0003 Single

C.01.0002 Double

- Just one trolley capable to carry the 15 or the 18 litres bottles.
- The trolley has got a support specifically designed for the PAOLI PIT STOP® Regulators F1, F2, F4.
- Two brackets designed to roll and easily carry the supply hose.

AIR BOTTLE TROLLEY KIT INCLUDED



Accessories included: belt, fixing nut and high pressure hose to connect the air bottle to the air pressure regulator.

PRODUCT CODE	OVERALL DIMENSIONS	WEIGHT (W/O BOTTLE AND REGULATOR)	WEIGHT (WITH BOTTLE AND REGULATOR)
C.01.0003	47,3 x 39,5 x 116 cm	10,1 kg	36,6 kg
C.01.0002	47,3 x 65 x 116 cm	18 kg	71 kg

DOUBLE TROLLEY KIT

EXTRA-STRONG
MICRO SHOT PEENING STAINLESS
STEEL CHASSIS

DOUBLE CONNECTION BOTTLES
FOR EASY FILLING

HIGH PRESSURE HOSE TO CONNECT
THE AIR BOTTLE TO THE AIR
PRESSURE REGULATOR.

C.01.0034

The kit includes:

- No. 1 double trolley
- No. 2 18 litres bottles with double connection
- No. 2 air bottle trolley kit
- No. 1 F5 air pressure regulator
(DIN air bottle connector included)

Also available with 2 F5 air pressure regulators
(code C.01.0035).

THE AIR PRESSURE REGULATOR
IS PROTECTED BY A ROLL-BAR



B.22.06.0002
OPTIONAL FRONT PROTECTION
ACO Le Mans COMPLIANT

WHEEL GUN HOLDER

HOSE HOLDER

LARGE DIAMETER WHEELS
TO OVERCOME OBSTACLES



IT CAN BE CONVERTED
IN SINGLE TROLLEY

SINGLE TROLLEY KIT

EXTRA-STRONG
MICRO SHOT PEENING STAINLESS
STEEL CHASSIS

DOUBLE CONNECTION BOTTLE
FOR EASY FILLING

HIGH PRESSURE HOSE TO CONNECT
THE AIR BOTTLE TO THE AIR PRESSURE
REGULATOR.

THE AIR PRESSURE REGULATOR
IS PROTECTED BY A ROLL-BAR



B.22.06.0001
OPTIONAL FRONT PROTECTION
ACO Le Mans COMPLIANT

WHEEL GUN HOLDER

HOSE HOLDER

LARGE DIAMETER WHEELS
TO OVERCOME OBSTACLES

C.01.0033

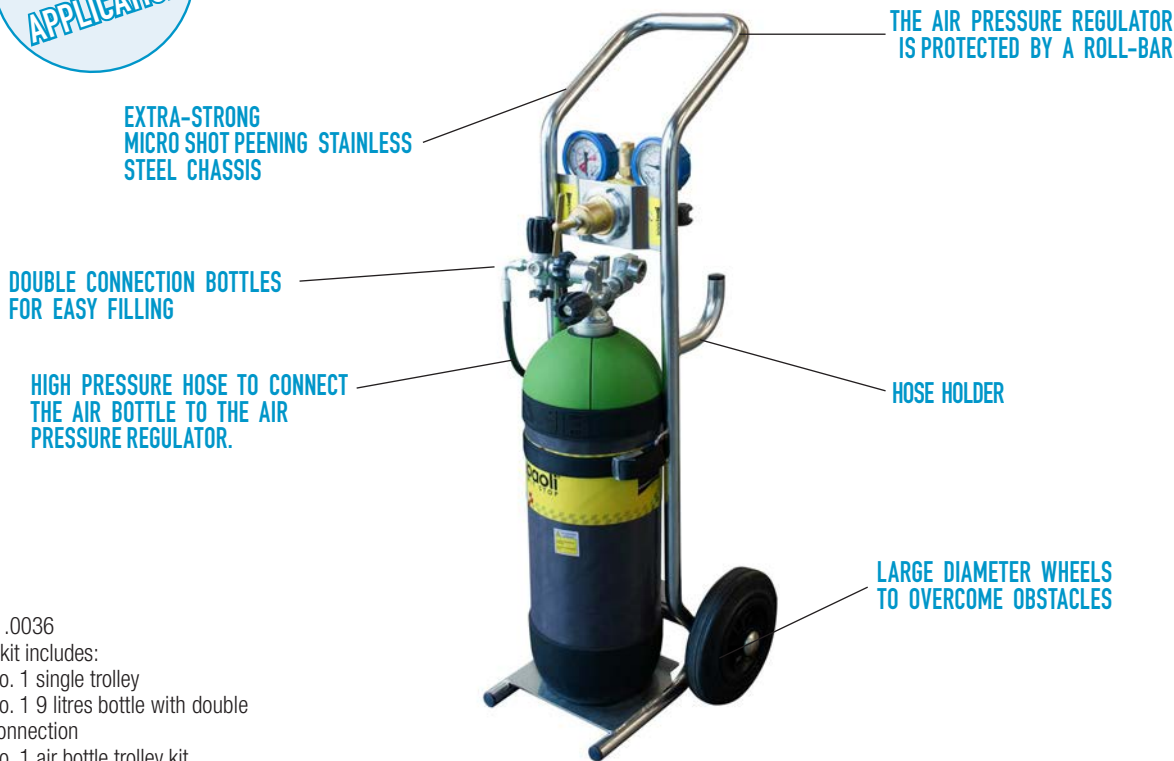
The kit includes:

- No. 1 single trolley
- No. 1 18 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F5 air pressure regulator (DIN air bottle connector included)



**300 bar
APPLICATION**

MINI TROLLEY KIT

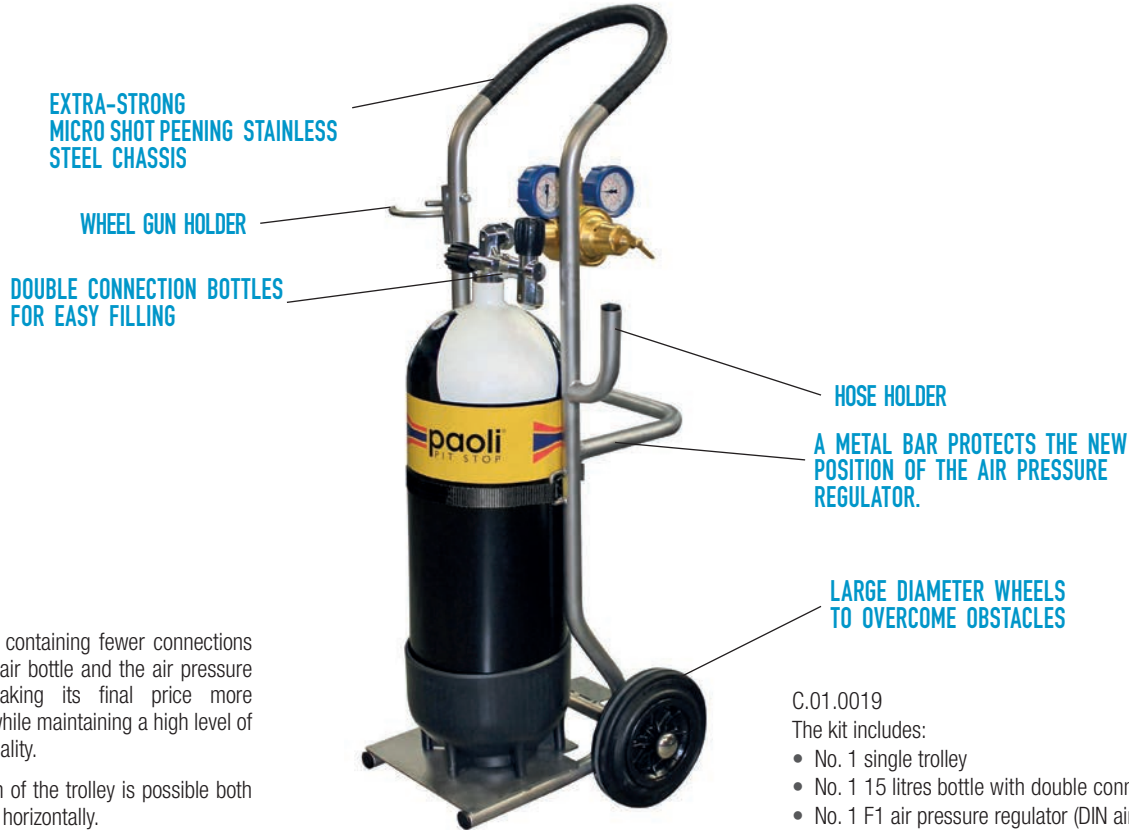


C.01.0036

The kit includes:

- No. 1 single trolley
- No. 1 9 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F5 air pressure regulator (DIN air bottle connector included)

AIR JACK TROLLEY KIT



An assembly containing fewer connections between the air bottle and the air pressure regulator, making its final price more competitive while maintaining a high level of safety and quality.

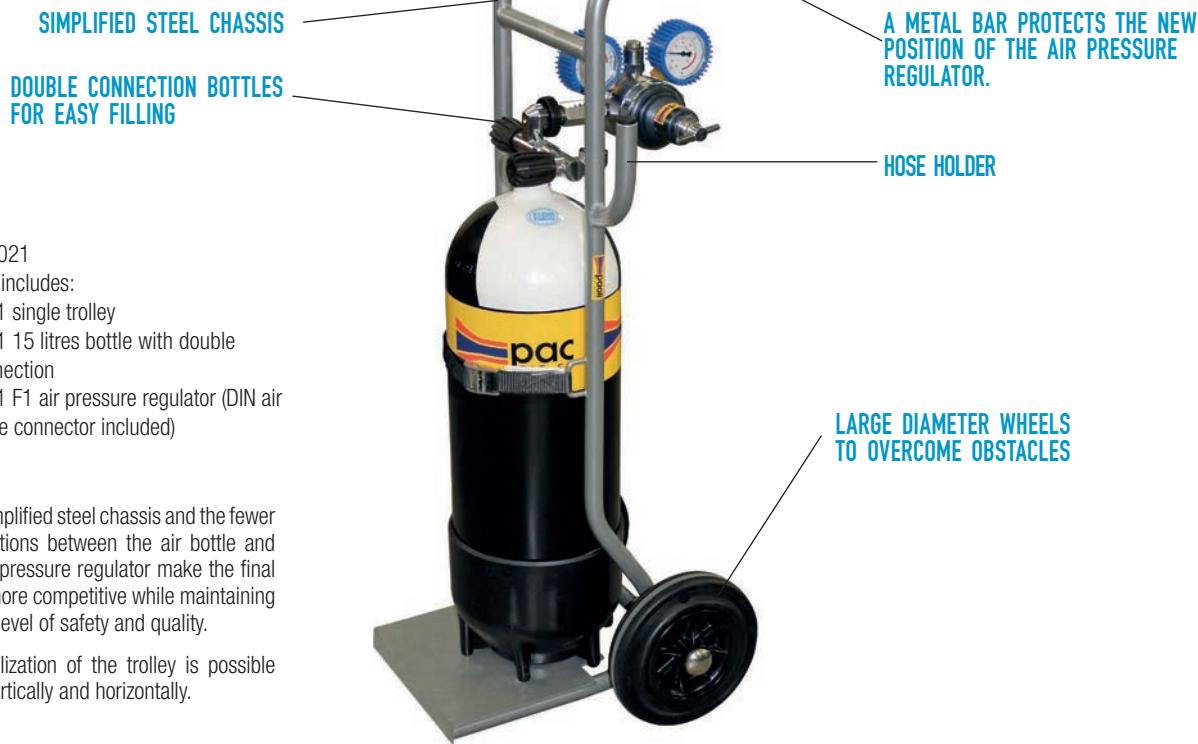
The utilization of the trolley is possible both vertically and horizontally.

C.01.0019

The kit includes:

- No. 1 single trolley
- No. 1 15 litres bottle with double connection
- No. 1 F1 air pressure regulator (DIN air bottle connector included)

TRACK DAYS TROLLEY KIT



C.01.0021

The kit includes:

- No. 1 single trolley
- No. 1 15 litres bottle with double connection
- No. 1 F1 air pressure regulator (DIN air bottle connector included)

The simplified steel chassis and the fewer connections between the air bottle and the air pressure regulator make the final price more competitive while maintaining a high level of safety and quality.

The utilization of the trolley is possible both vertically and horizontally.

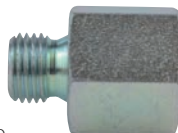
AIR BOTTLE HOSE



B.21.0034

High pressure hose connection (220 bar) between air bottle and air pressure regulator. Equipped with paintball, connector and valve. Other dimensions available on demand.

NIPPLE FOR AIR BOTTLE



B.21.0089

Nipples 1/4" bsp female - 7/16" unf male

This is the nipple to adapt the air pressure regulators connectors to be connected to the air bottle through the high pressure hose coming from the high pressure compressor.

AIR BOTTLE VALVES

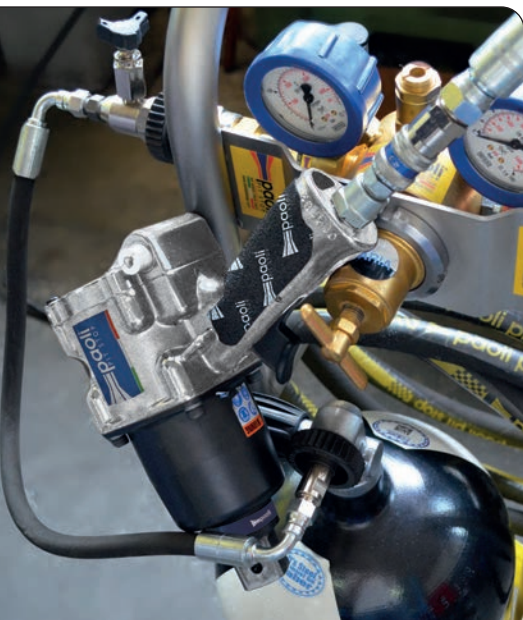


B.22.04.0001



B.22.04.0000

The air bottle valve is available with single or double connection. It can be fitted with the connection placed upon the air bottle collar M25x2.





BOTTLE ANTI-DEFLAGRATION BOOTHS



WORK SAFELY!

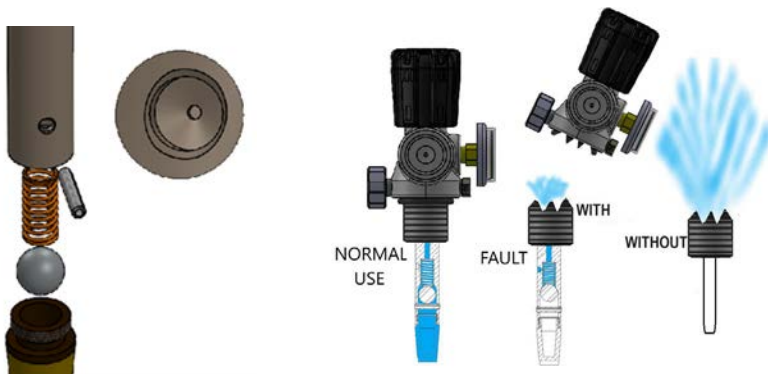
New anti-deflagration cabins allows you to safely recharge two or four cylinders at a time, protecting you and your working environment from debris caused by any air expansion explosion.

PRODUCT CODE	PRODUCT	NET WEIGHT	FITTINGS	TANK STORAGE B x W x H
B.22.07.0000	2 CYLINDERS CABIN	222 kg 452 lb	DIN 300 bar	60 x 73 x 104 cm 23.6 x 28.7 x 40.9 in
B.22.07.0001	4 CYLINDERS CABIN	500 kg 1102 lb	DIN 300 bar	70 x 65 x 80 x 116 (H2) cm 27.5 x 25.6 x 31.5 x 45.6 (H2) in

EXTRA FLOW SAFETY VALVE

An additional safety system designed to intervene in the event that the valve breaks, for example in the case of an accidental fall. In case the valve is damaged, the outflow pushes the sphere, held in the rest position by the calibrated spring, until the partial closure of the dipstick, a micro-hole still allows the discharge of the air counted in the cylinder with a reduced flow.

PRODUCT CODE	DESCRIPTION	INLET
B.22.08.0000	EXTRA FLOW SAFETY VALVE M6X0,75	M6
B.22.08.0001	EXTRA FLOW SAFETY VALVE M8X0,75	M8



HIGH PRESSURE AIR BOTTLE COMPRESSORS



**AUTOMATIC PRESSURE
REGULATOR**



**PRESSURE SWITCH FOR
AUTOMATIC STOP**



**COMPRESSOR
HOURS-COUNTER**



**GAUGE, TAP AND
NON-RETURN VALVE**



TROLLEY WHEELS



**AUTOMATIC CONDENSATE
DRAIN WITH TIMER**



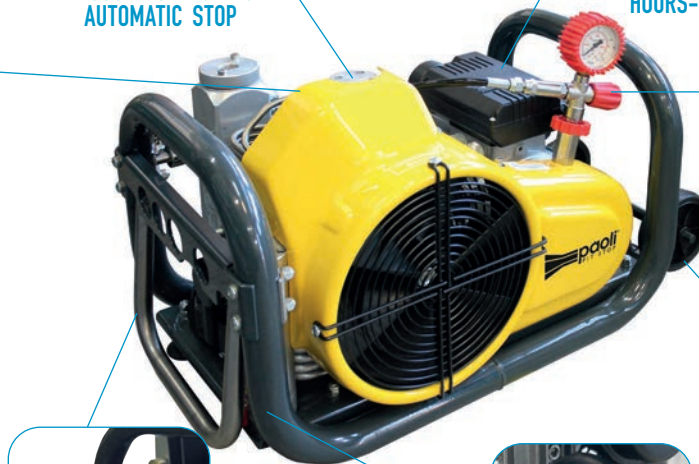
TROLLEY HANDLE

Standard compressor configuration with:

- automatic condensate drain with timer
- double pressure: 225 and 330 bar
- pressure switch for automatic stop
- non-return valve
- hours-counter (code B.21.0202)







Optionals available on request for DPH220 and DPH460 models:

- trolley (code B.21.0203)
- automatic pressure regulator (code B.21.0204)



SAFETY VALVE

The final safety valve protects bottles and the compressor from excessive pressure; the valve setting is made at the time of testing the compressor. The safety valves are pre-adjusted to:

NOMINAL OPERATING PRESSURE	SAFETY VALVE	
	WITHOUT PRESSURE SWITCH	WITH PRESSURE SWITCH
232 bar 3300 PSI	 6-05-015/3/232	 6-05-015/3/250
300 bar 4300 PSI	 6-05-015/3/300	 6-05-015/3/330
330 bar 4700 PSI	 6-05-015/3/330	 -

Before using a High-Pressure Compressor, check the safety valve by following these instructions:

1. **Position the unit:** Place the compressor in an open, well-ventilated area on a level surface with no more than a 15% incline.
2. **Check the oil:** Inspect the oil level and add more if needed.
3. **Inspect for damage:** Look for any signs of damage or tampering to the unit or its accessories before starting it.
4. **Check the safety valve:**
 - Attach the coupling to the bottle and start the compressor with the bottle valves closed.
 - Use the gauge to confirm that the safety valve activates correctly at the maximum working pressure.
 - Once confirmed, open the valves and begin refilling.

For compressors with an automatic shutdown pressure switch:

- Use the gauge to verify that the pressure switch shuts off the compressor at the designated pressure.

IMPORTANT:

- The safety valves must be replaced every 5 years or 1000 hours of operation, or in accordance with the regulations of the country where the high-pressure compressor is being used.
- **IF YOU ARE IN DOUBT OR UNSURE ABOUT ANY OF THE POINTS ABOVE PLEASE CONTACT DINO PAOLI SRL**

SAFETY VALVE

SCHEDULE MAINTENANCE TABLE

BEFORE EVERY REFILL		HOURS												YEARS			
Maintenance		25	50	100	250	500	1000	1500	2000	3000	4000	5000	20000	1	5	10	15
Condensate discharge	○																
Intake filter		○		●										●			
Lubricating oil	○		●											●			
Belt wear and tension		○				●								●			
1st, 2nd 3rd stage valves					○	●											
4th stage valves					○	●											
Condensate separator					○					●							●
HP filter					○					●							●
1st, 2nd 3rd stage segments						●											
4th stage						●											
HP flex hoses		○				○				●					●		
Fitting/hose leak					○												
General check-up						○											
Pumping unit, general overhaul									○								
Safety valve					○							●				●	

○ = Checking and cleaning

● = Change

HIGH PRESSURE AIR BOTTLE COMPRESSORS



DPH380



DPH220



DPH460

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT
B.21.0101	DPH380 *	Three-phase Electric 5,5kW - 7,5HP	300 l/min - 10,6 CFM - 18 m³/h	300 bar 4350 psi	6' 44" (air bottle 10 l - 0-200 bar)	78 dB	118x54x69 cm 46x21x27 in	137 kg 302 lb
B.21.0102	DPH220 *	Single-phase Electric 2,2kW - 3,0HP	100 l/min - 3,5 CFM - 6 m³/h	300 bar 4350 psi	20' (air bottle 10 l - 0-200 bar)	79 dB	58x41x41 cm 22,8x16x16 in	42,5 kg 93,7 lb
B.21.0103	DPH460 *	Subaru Robin Petrol Engine 4,2kW - 6,0HP	100 l/min - 3,5 CFM - 6 m³/h	300 bar 4350 psi	20' (air bottle 10 l - 0-200 bar)	84 dB	75,5x39x41 cm 29,5x15x16 in	42,0 kg 92,6 lb

Standard: final pressure switch with automatic stop.

The new Paoli Pit Stop Compressors can deliver both 220 bar and 300 bar air pressure thanks to the 2 different high pressure hoses included.

HIGH PRESSURE AIR BOTTLE COMPRESSORS



— DPH380-2 —



— DPH220-2 —



— DPH460-2 —

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT
B.21.0281	DPH380-2	Three-phase Electric 5,5kW - 7,5HP	315 l/min - 11,1 CFM - 18 m³/h	232-300-330 bar 3300-4300-4700 psi	6'20" (air bottle 10 l - 0-200 bar)	72 dB	112x63x77 cm 44.1x24.8x30.3 in	152 kg 335 lb
B.21.0280	DPH220-2	Single-phase Electric 2,2kW - 3,0HP	100 l/min - 3,5 CFM - 6 m³/h	232-300-330 bar 3300-4300-4700 psi	20' (air bottle 10 l - 0-200 bar)	72 dB	59,2x38x42,7 cm 23.3x15.0x16.8 inch	57,1 kg 125,9 lb
B.21.0282	DPH460-2	Honda HP 200 petrol 4,3kW - 7,7HP	100 l/min - 3,5 CFM - 6 m³/h	232-300-330 bar 3300-4300-4700 psi	20' (air bottle 10 l - 0-200 bar)	80,5 dB	79,8x37x43,5 cm 31.4x14.6x17.1 in	53 kg 116,8 lb



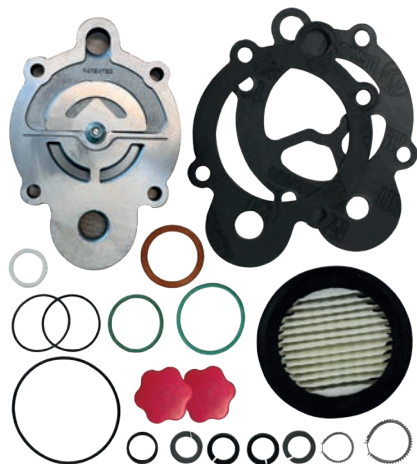
Unit of measure:
PSI, BAR, Kpa, Kg / cm²

DTIG/1

DIGITAL TYRE-INFLATING GUN

PRODUCT CODE	DIMENSION	FOR PAOLI COMPRESSORS
B.48.0038	62,5x38x42,8 cm	DPH220 DPH460 DPH220-2 DPH460-2
B.48.0040	112x64x81 cm	DPH380 DPH380-2

PRODUCT NAME	DTIG/1
PRODUCT CODE	G.06.01.0002
PRESSURE GAUGE	Ø 80
WORKING PRESSURE	0 ÷ 12 BAR
HOSE LENGTH	100 cm
BATTERIES	lithium 3V



B.21.0163 - SERVICE KIT 500 H

Specifically designed for DPH220 and DPH460
The kit includes: o-rings, stage segments' kits, upper gasket, inferior gasket, red knob condensate drain valve, filling valve seal, plate valve.

B.21.0164 - SERVICE KIT 500 H

Specifically designed for DPH380
The kit includes: o-rings, washer, inlet filter cartridge, cylinder o-ring, outlet valve o-ring, valve plate o-ring.



STANDARD - B.21.0024



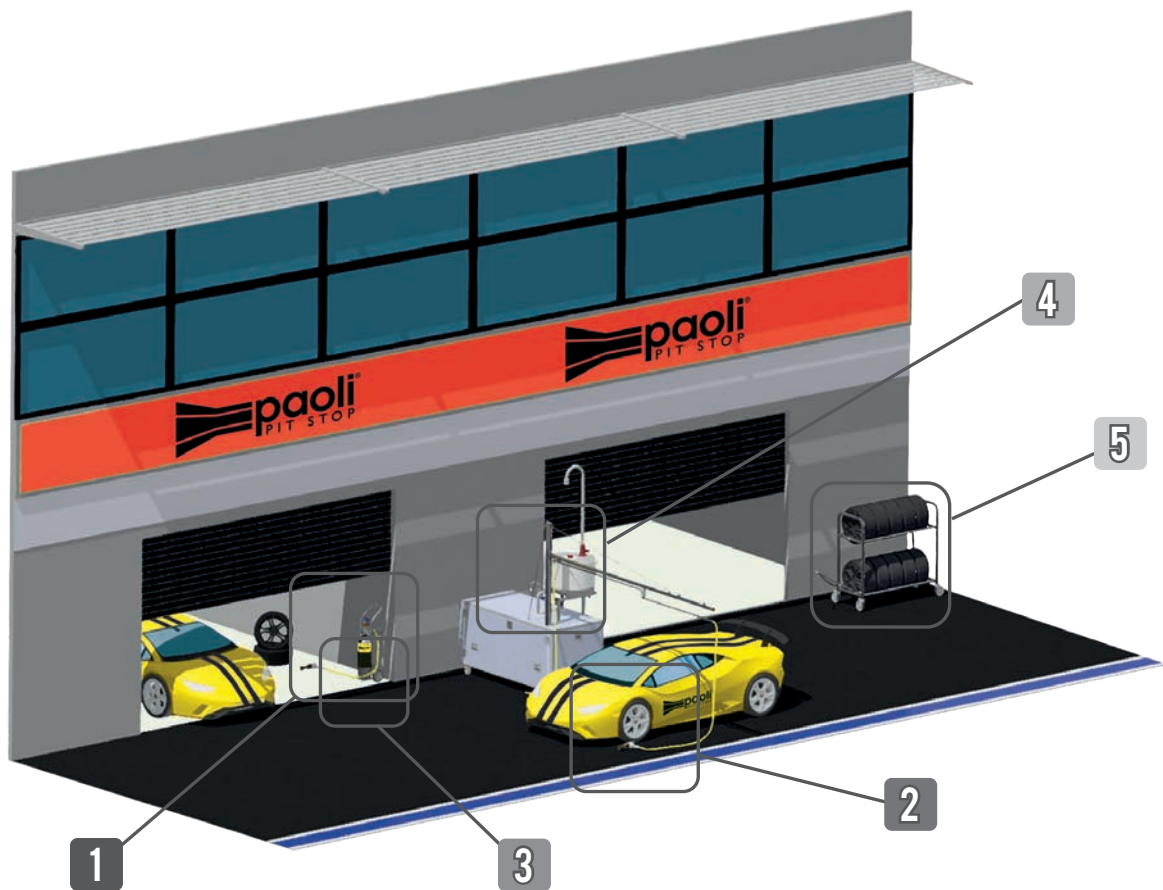
B.21.0028

PRODUCT CODE	DESCRIPTION
B.21.0024	DIN 300
B.21.0067	DIN/INT Reducer
B.21.0014	BC DIN 230
B.21.0028	BC Italian Connector
B.21.0025	BC DIN 300



PRODUCT CODE	QUANTITY	DESCRIPTION
B.27.0001	1 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0003	0,5 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0002	1 l	Oil for compressor engine unit
B.27.0026	1 l	Oil for compressor pumping unit DPH220, DPH460, DPH380

ON THE PIT LANE WITH PAOLI



155

PAOLI SINGLE
TROLLEY KIT



16

PAOLI
HURRICANE 2.0



198

REFUELING STATION



134

PAOLI HOSES



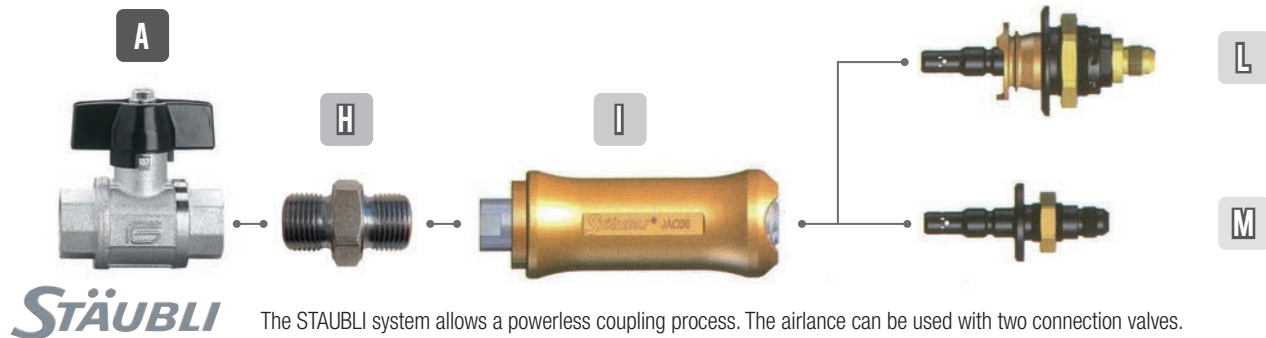
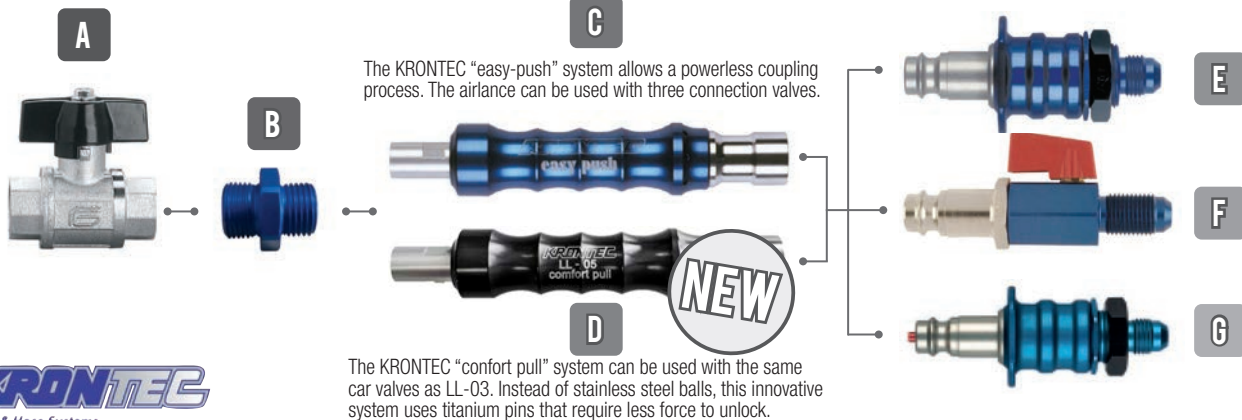
202

TYRE TROLLEYS
PRO SERIES



ON THE PIT LANE WITH PAOLI

AIRLANCE



AIRLANCE

AIRLANCE



PIT EQUIPMENT

173

	PRODUCT NAME	PRODUCT CODE	THREAD	OPERATING PRESSURE	SIZE
A		B.37.03.0006	3/8" BSP female	100 bar	
B		B.37.03.0007	M16x1,5 male 3/8" BSP male		
C	LL-03	B.37.01.0001	M16 x 1,5 female	0-40 bar	L 216 x D 40 mm
D	LL-05	B.37.01.0005	M16 x 1,5 female	0-40 bar	L 235,62 x D 40 mm
E	LL-16	B.37.03.0002	D-06 9/16-18 UNF	0-40 bar	L 86 mm
F	LL-13	B.37.03.0001	D-06 9/16-18 UNF	0-40 bar	L 81 mm
G	LL-16 plus	B.37.03.0003	D-06 9/16-18 UNF	0-40 bar	L 86 mm
H		D.04.06.0025	3/8" BSP male		
I	JAC 06.1102	B.37.01.0002	3/8" BSP female	15-40 bar	L 130 x D 48 mm
L	JAC 06.5655	B.37.03.0004	D-06	15-40 bar	L 102 mm
M	JAC 06.4655	B.37.03.0005	D-06	15-40 bar	L 83 mm

DIGITAL TORQUE WRENCHES



FEATURES

- Torque accuracy: $\pm 2\%$
- Torque/Angle accuracy: $\pm 2\%$
- Large LCD graphic display with high contrast and enhanced characters for easy-to-read figures.
- Function keys: just four buttons, in an ergonomic position, for an easy access to all the functions.
- Peak hold and track mode direct readings.
- Tolerance range adjustment both on torque and angle.
- Memory up to 900 values.
- Optical signals through 3 leds, and acoustical signal with buzzer.
- Clockwise and anticlockwise (CW and CCW) readings.
- 4xAA batteries.
- User tightening sets definition.
- Angle and Torque Preset.
- Different selectable languages.
- Auto switch-off.
- Nm, Kg \cdot m, Lbf \cdot in, Lbf \cdot ft.
- Menu driven
- Clock.

PRODUCT NAME	23000-DGT	2600-DGT	2400-DGT
PRODUCT CODE	B.35.0002	B.35.0003	B.35.0004
CAPACITY	100-1000 Nm	80-800 Nm	20-200 Nm
DRIVE	Ratchet 1"	Ratchet 3/4"	Ratchet 1/2"
LENGTH	1340 mm	1100 mm	512 mm
WEIGHT	6,60 kg	4,40 Kg	1,25 kg

ACCESSORIES

USB data transfer kit (Product code: B.35.0011)



TORQUE WRENCHES WITH RATCHET



FEATURES

- Fast and easy setting.
- Long life accuracy and repeatability.
- Ergonomic handle.
- It doesn't need to turn back to the minimum scale value after being used.
- Quick and precise slide adjustment by unscrewing the knob and guiding the slider on the scale to the required value.
- With graduated scale in Nm and Lbf.ft.
- Dual signal when the set torque is reached: acoustical click and effort decrease.
- Guaranteed accuracy $\pm 3\%$ in accordance with EN ISO 6789:2003.

PRODUCT NAME	300	330	350
PRODUCT CODE	B.35.0008	B.35.0009	B.35.0010
CAPACITY	40-200 Nm 30-150 lbf.ft	160-800 Nm 120-590 lbf.ft	200-1000 Nm 150-750 lbf.ft
<input type="checkbox"/>	1/2"	3/4"	3/4"
LENGTH	450 mm	1180 mm	1340 mm
WEIGHT	1,20 kg	6,70 kg	7,40 kg

DIAL TORQUE WRENCHES



FEATURES

- Left and right hand use.
- Precise tightening achieved by the torsion bar system.
- Dual needle: pointer needle and memory needle.
- The small head allows torque application even in narrow areas.
- Reading scale in Nm/Lbf.in or Nm/Lbf.ft.
- Accuracy $\pm 4\%$.
- Traceable calibration certificate through accredited laboratories.
- Led and buzzer (only for 7000 model)

PRODUCT NAME	7000	800	700
PRODUCT CODE	B.35.0005	B.35.0006	B.35.0007
CAPACITY	300-1500	80-400	40-200
STEP	20 Nm	5 Nm	2,5 Nm
<input type="checkbox"/>	1"	1/2"	1/2"
LENGTH	1956 mm (including extension)	559 mm	559 mm
WEIGHT	9,072 kg	1,361 kg	1,361 kg





MUGELLO



CERTIFICATION ECE 22-06

- Demi jet shell in ultra-resistant ABS with triple layer scratch-resistant and UV-resistant painting.
- Retractable sun visor and second transparent goggle visor (included with the helmet).
- The interior is totally removable and washable and has a slot for the Bluetooth system.
- Microfibre fabric with hypoallergenic treatment and leather/eco-leather finishes.
- Closing with micrometric system.

PRODUCT NAME	PRODUCT CODE	SIZE
MUGELLO	B.38.04.02.0001	M
	B.38.04.02.0002	L
	B.38.04.02.0003	XL

DAYTONA



- Demi-jet shell in ultra-resistant ABS with triple-layer scratch-resistant and UV-resistant paint.
- Retractable chrome visor with external movement lever.
- Choice of external scratch-resistant visor: goggle or long.
- Two large air vents and their covers.
- Removable and washable interior with provision for Bluetooth system.
- Microfibre fabric with hypoallergenic treatment and leather/eco-leather finishes.
- Closure with quick release micrometric system.

CERTIFICATION ECE 22-06

PRODUCT NAME	PRODUCT CODE	SIZE
DAYTONA	B.38.04.02.0004	M
	B.38.04.02.0005	L
	B.38.04.02.0006	XL



B.39.04.0001

PROFESSIONAL TYRE SCRAPER – TS-03

This professional tyre scraper removes pick and debris with ease leaving a smooth undamaged surface and prolonging the life of the tyres. The tyre scraper has now been redesigned to make the process more effective and efficient.

- Available versions: 110 V and 220 V
- 2000W output – 100 to 600 degree temperature range
- 300-600l/min maximum airflow
- With a moulded handle for user comfort
- Adjustable handle and blade position to suit the user
- Integrated heat gun with variable temperature and fan speed
- Ergonomically design to increase productivity
- Suitable for all forms of racing from karting to F1



FUEL BOWSER

A stainless steel and aluminium fuel transfer bowser with a 100L or 200L capacity, a 20L per minute bi-directional pump with automatic full tank pump shut off and is built with ATEX approved components.

- Storage cupboard for fuel lines and charging cable
- Dash 12 fuel lines - suitable for E20 & high octane fuels. Optional dry break fittings
- Mass and temperature display and automatic speed controller
- Anti-static braked castors
- Wi-Fi enabled
- 10" touch screen

GLOVES



LASER TG-3

Laser TG-3 is the top of the range Mechanic glove developed with the crew members of most important teams in WEC and FIA homologated. This model has many technical details as the anti-impact knuckles pad. Total padded wrist strap that protect the crew during the rapid tires change. Super grip suede leather appreciation into the palm to increase heat protection and a specific silicon area for the wheel gun operations.

TECHNICAL DETAILS:

- Back: Single layer
- Palm: Superthin
- Internal Stitching
- Suede leather palm insert for heat protection
- Silicon Wheel gun protection
- Knuckles protection
- Padded wrist strap
- Precurved design
- Printed logos
- Homologation: FIA 8856-2018

COLOR	PRODUCT CODE	SIZE
BLACK	B.38.01.03.0001	TG.9
	B.38.01.03.0002	TG.10
	B.38.01.03.0003	TG.11
	B.38.01.03.0004	TG.12
	B.38.01.03.0005	TG.13
YELLOW	B.38.01.03.0006	TG.9
	B.38.01.03.0007	TG.10
	B.38.01.03.0008	TG.11
	B.38.01.03.0009	TG.12
	B.38.01.03.0010	TG.13

SUPPORT FOR WHEEL GUNS



B.26.0040

SUPPORT FOR WHEEL GUNS

Stainless steel support for electric and pneumatic wheel guns.

Thanks to a central pin, available in 3 different sizes to be compatible with different sockets, the wheel gun remains standing for quick and comfortable operator grip.

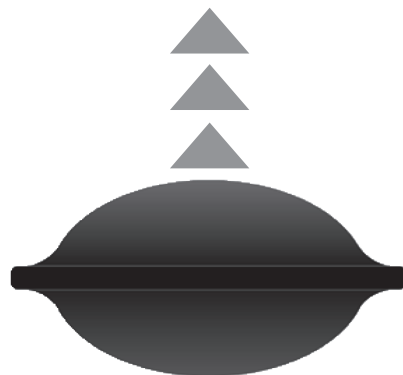
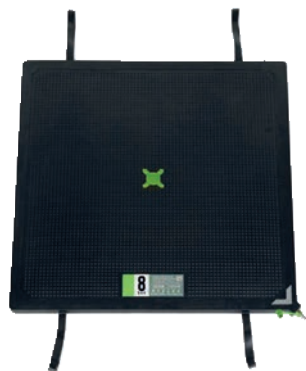




PIT EQUIPMENT - LIFTS

CAR LIFTS FOR RACING APPLICATIONS

— HIGH PRESSURE LIFTING BAGS / ROUND SHAPED — SAFETY DEVICE FOR THE OPERATOR —



ROUND LIFTING BAGS

High-pressure round lifting bags are used for lifting the heaviest loads. They exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places.

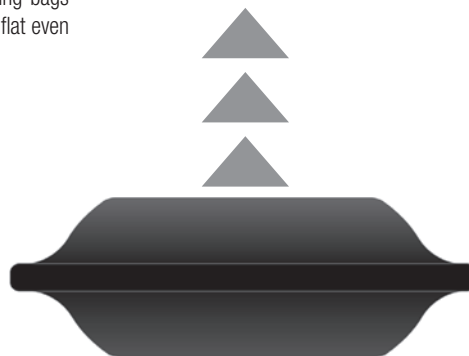
- Strong manipulation handles
- Cone-shaped protection edges
- Unique anti-slip surface
- EN 13731 Certified
- Extremely Durable
- Thin Design

PRODUCT NAME	PRODUCT CODE	DIMENSIONS cm	WEIGHT kg	WORKING PRESSURE		AIR REQUIREMENT l/min	MAX LIFTING CAPACITY		MAX LIFTING HEIGHT	
				bar	psi		t	pounds	cm	inches
SLK1	B.37.09.01.0001	15 x 15	0.55	8	116	5	1.1	2425.1	8	3.1
SLK3	B.37.09.01.0002	22.5 x 22.5	1.25	8	116	15	2.7	5952.5	13	5.1
SLK6	B.37.09.01.0003	30 x 30	2	8	116	42	5.5	12125.4	16	6.3
SLK10	B.37.09.01.0004	38 x 38	3.5	8	116	86	10.1	22266.7	21	8.3
SLK14	B.37.09.01.0005	45 x 45	5	8	116	152	13.5	29762.4	25	9.8
SLK21	B.37.09.01.0006	55 x 55	7	8	116	296	21.1	46517.5	30	11.8
SLK25	B.37.09.01.0007	61 x 61	9	8	116	416	25.2	55556.5	34	13.4
SLK33	B.37.09.01.0008	69 x 69	11	8	116	621	33	72752.5	38	15
SLK45	B.37.09.01.0009	78 x 78	14	8	116	921	44.6	98326.2	42	16.5
SLK55	B.37.09.01.0010	87 x 87	18	8	116	1305	55	121254	47	18.5
SLK70	B.37.09.01.0011	94.5 x 94.5	22.5	8	116	1505	70.4	155205.4	52	20.5

FLAT LIFTING BAGS

High-pressure flat lifting bags are used for lifting the heaviest loads. They exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places. Flat lifting bags have a flat working surface: they start out flat and remain flat even when fully inflated.

- Flat surface
- Greater contact surface and stability
- High lift and high capacity
- Strong manipulation handles
- Cone-shaped protection edges
- Unique anti-slip surface
- EN 13731 Certified
- Extremely Durable
- Thin Design



PRODUCT NAME	PRODUCT CODE	DIMENSIONS	WEIGHT	WORKING PRESSURE		AIR REQUIREMENT	MAX LIFTING CAPACITY		MAX LIFTING HEIGHT		MAX LIFTING CAPACITY & MAX LIFTING HEIGHT	
		cm	kg	bar	psi		t	pounds	cm	inches	t	pounds
SFB-K7/17	B.37.09.02.0001	55 x 55	7,3	8	116	224	21.1	46517.5	17	6.7	6.7	14771
SFB-K10/17	B.37.09.02.0002	61 x 61	9,2	8	116	350	25.2	55556.5	17	6.7	9.5	20943.9
SFB-K20/17	B.37.09.02.0003	78 x 78	14,5	8	116	520	44.6	98326.2	17	6.7	20.2	44533.4
SFB-K33/17	B.37.09.02.0004	91.5 x 91.5	20,6	8	116	810	64	141096	17	6.7	33.3	80689.2

Paoli Pit Stop has designed and developed , a new range of **ROBUST**, **RELIABLE** and **EASY TO CARRY ON** air-hydraulic jacks to lift race cars of different shapes and different weights.

- Different standard shovels are available for various car models.
- More special/customized shovels are available on demand, by supplying the car's area drawings and pictures.
- Lighter race cars can be lifted by using just No. 2 jacks equipped with bar/paddle shovels, while the heavier race cars can be lifted by using No. 4 jacks equipped with fork shovels that grab the wheels.

CHAMPIONSHIP	CAR MINIMUM WEIGHT (Kg)	DRIVER WEIGHT (Kg)	FUEL WEIGHT (Kg)	FULL WEIGHT (Kg)	LIFTERS NUMBER	WEIGHT EACH LIFTER (Kg)
Formula 1	798	80	83	921	2	460
Formula 2	755	80	94	807	2	403
Formula 3	673	80	94	721	2	360
NASCAR	1497	80	50	1622	4	405
Indycar	740	80	55	832	2	416
Ferrari 488 Challenge	1340	80	95	1502	4	376
Ferrari 296 GT3	1250	80	60	1373	4	343
Formula E	840	80	0	802	2	401
Porsche Carrera Cup Italia	1381	80	75	1445	4	361
FERRARI 488 GT3	1260	80	60	1383	4	346
LMH	1030	80	68	1150	2	575
LMDH	1030	80	68	1150	2	575
GT3 Group	1200	80	-	-	4	320 ÷ 400

BAR SHOVELS
(LIGHTER RACE CARS)

PADDLE SHOVELS
(LIGHTER RACE CARS)

FORK SHOVELS
(HEAVIER RACE CARS)

WITHOUT SHOVELS

SPECIAL-CUSTOMIZED
SHOVELS AVAILABLE



PRODUCT CODE	DESCRIPTION	WORKING PRESSURE	MAX. PRESSURE	LIFT HEIGHT	MAX. CAPACITY
B.37.05.03.0001	Air Jack Trolley - With bar shovels	7,5 bar	10 bar	900 mm	600 kg
B.37.05.03.0002	Air Jack Trolley - With paddle shovels	7,5 bar	10 bar	780 mm	600 kg
B.37.05.03.0003	Air Jack Trolley - With fork shovels	7,5 bar	10 bar	700 mm	600 kg
B.37.05.03.0004	Air Jack Trolley - Without shovels	7,5 bar	10 bar	-	600 kg



LIFTING EQUIPMENT

PIT EQUIPMENT

ELEPHANT LEG

AIRJACK SAFETY PROP



LL-20 CL



LL-90 - LL-91

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK SIZE
TWO-STAGE ELEPHANT LEG KRONITEB	LL-20 CL	B.37.04.0007		60 mm	LL-21, LL-22, LL-23, LL-24
	LL-20 CL-PP	B.37.04.0008		60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
	LL-30 CL	B.37.04.0009		50 mm	LL-31, LL-32
	LL-30 CL-PP	B.37.04.0010		50 mm	LL-31-150, LL-32-150
TWO-STAGE ELEPHANT LEG STÄUBLI	JAC 06.9056	B.37.04.0011	434 mm	50 mm	JAC 06.9050, JAC 06.9050/QE
	JAC 06.9065	B.37.04.0012	434 mm	60 mm	JAC 06.9060, JAC 06.9060/QE
	JAC 06.9067	B.37.04.0013	409 mm	60 mm	JAC 06.9060/PO

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK SIZE
ONE STAGE KRONITEB	LL-90	B.37.04.0001	230 mm	60 mm	LL-21, LL-22, LL-23, LL-24
	LL-90-150	B.37.04.0002	150 mm	60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
	LL-91	B.37.04.0003	230 mm	50 mm	LL-31, LL-32
	LL-91-150	B.37.04.0004	150 mm	50 mm	LL-31-150, LL-32-150
ONE STAGE STÄUBLI	JAC 06.9055	B.37.04.0005	228,5 mm	50 mm	JAC 06.9050, JAC 06.9050/QE
	JAC 06.9066	B.37.04.0006	228,5 mm	60 mm	JAC 06.9060, JAC 06.9060/QE, JAC 06.9060/PO





RENAULT MOTORSPORT

RENAULT MOTORSPORT

Caseliner is a reference point for several racing teams, and it's synonymous with motorsport specialized pit equipment all over the world. The Czech brand produces refuelling equipment, tire transport trolleys and complete pit lane stands systems.

Paoli and Caseliner have been collaborating together for a very long time to offer to their client innovative, reliable and, most of all, winning solutions. In early 2016, the partnership between the two companies has stepped forward, and now Paoli has become an official Caseliner reseller, also preparing the ground for an enhanced collaboration in Italy and more countries.



PIT EQUIPMENT

CASELINER[®]





MAGSEAM SEAMLESS WALLING

MAGSEAM seamless wallings is a special seamless surface panels system using unique technology of magnetic attachment. The main advantages of this system are: elegant design which will attract all the attention to your team, variability and time-saving assembly, overall stability of the system due to patented elements which are holding each panel, possibility of full-area printing or colour on demand. Magseam system is supplied on demand with special flight case box for each project.

Complete projects including the custom tv monitors, helmet dryers and other elements are on demand.

GANTRIES

GANTRIES are modular truss structure elements with solid conical connectors. Extremely fast connection for quick, simple and secure assembly. They are used as support for lighting, screens and cables, interior and exterior applications. Caseliner gantries are available in three versions Bi-System (duo), Tri-System (trio) and Quattro-System with certified 50mm tube.

Build with us your project.



RACEFLOOR

RACEFLOOR has been developed for all your racing flooring needs. The tiles are easy and quick to install due to an ingenious click lock system, you can combine any colour of tiles with each other. Racefloor is very flexible and strength and it can be used on any flat base, both indoors and outdoors. It is very proof, durable and UV stable flooring with a very good resistance to chemical pollution.

Code B.39.09.0004: Racefloor 1 mq - 1000x1000 mm

Code B.48.0013: Flight Case



POWERHOODS

POWERHOODS are made for lighting in the race boxes, lighting over the race car, motorbike or in the workshops. These light pods are suspended above a vehicle and act as a life support machine supplying the following outputs with zero effect on valuable floor space. POWERHOOD provides high luminosity together with a practical and elegant design. It is possible to be equipped with air distribution and power plugs following customer request and specifications.

Code B.39.11.0001: Powerhood S200-32 (400V/32A)

Code B.39.11.0002: Powerhood S200-16 (230V/16A)



FASTSEAM® TEXTILE WALLING

Are you looking for a fast and cost-effective solution to enclose your booth? And as a bonus, do you want the flexibility to change designs quickly to meet your sponsors' needs or adapt to new design trends? We have the perfect solution for you: FASTSEAM® TEXTILE SEAMLESS WALLING. Setup and dismantling takes just a few minutes, with everything neatly packed into a transport bag. Featuring a simple aluminum frame and stretch fabric with custom printing, it offers an ideal height of 2.1 m (a common motorsport standard) or 2.3 m, and lengths of 2, 4 or 6 meters. Everything is ready in minutes, making FASTSEAM® the perfect choice for quick and adaptable setups. Supplied with transport bag and white gloves for installing the cover.



PIT PERCH FORMULA

PIT PERCH FORMULA is stand on the pit lane for the engineers, timekeepers and team managers. Stainless steel construction, textile roof and side walls with zipper system. It is extremely fast to assemble in 10 minutes. One shelf inside provides support for laptops and monitors. The roof and side parts are fully detachable and can be used up to three variants of using of the side parts. Pit perch can be supplied with platform and transport flight case box, which includes required number of rotating chairs with high back.

Chair and monitors are available on demand.



PIT PERCH ENDURANCE

PIT PERCH ENDURANCE is designed for 3 engineers. Its design is very elegant, it will attract the attention of your team at the circuit.

The basic structure is made of stainless steel tubes with easy connection system. The roof and side parts you can use as the single items, and use it as coming from the climate conditions.

Pit perch can be completely closed and protect you from the rain. Very fast installation due to zip-fasteners which are waterproof.

Chair and monitors are available on demand.



LED PIT BOARD CL-15

LED PIT BOARD CL-15 is an electronic LED information panel that shows information to the drivers who are passing through the pit area. We have developed our pit board with the effort of a team of engineers to offer the best product on the market. Standard LED fonts can be projected in 1,2,3 to 4 lines. Possibility of inserting graphic files depicting logos, signals, instructions, symbols, etc. CL-15 includes standard software for Windows 10 and higher environment. Can be connected with TrackSide software / RaceCTRL and HH Development / HH Timing apps. Our original electro ejection is controlled automatically depending on the position of the car on the track by GPS. You can add any information in real time.



HELMET BOX

HELMET BOX Storage for helmets, personal equipment, etc. On request, we can produce any flight case according to your needs. Two modules that join together for transport. Inside it has a total of 18 boxes, which can be supplemented with lockable doors on request. The standard box does not include a door. On request.

- 1270 x 1010x 1565 mm (1 module depth 505mm)
- can be fitted with a locking door.
- can be supplemented with drawers



DATA CASE ONE

Ideal for single-user work. This portable system allows the user to operate with two large 32" monitors FULL HD 110V/230V or ULTRA HD 110V/230V, providing an extensive workspace. It stands out for its compactness during transport and modular design, allowing easy expansion with additional cases placed side by side or in sequence according to the user's needs.

- Compact and small transport dimensions
- Simple, foldable designer table
- Minimal space requirements for setup
- Two large 32" monitors FULL HD or ULTRA HD
- Full HDMI connectivity
- Network hub (1x5, optional accessories)
- 1U slot for radio splitter
- Elegant design
- Standard color is black with black hardware



DATA CASE 2

The mobile office DATA CASE 2 is applicable in various fields. The case has locking lids, in which LCD or LCD / TV monitors are placed. A pull-out work surface for keyboard and mouse, printer. Suitable for processing telemetry, mobile offices, etc. The dimensions of the transporting size are 1200 x 605 x 890 mm. All our CASELINER flight cases are built using the best available materials and are designed to give years of hassle-free protection.

Special transport flight case for tools and spare parts.



TOOLBOX

- 600x600x950 mm
(23,62"x23,62"x37,40")
- 5x drawers (1x modular)



TOOLBOX DOUBLE

- Two cases
- Work plate 2000x550 mm
(78,74"x21,65")
- As the same as the specifications TOOLBOX CLASSIC



TOOLBOX BIGGER

- 1200x600x1080 mm
(47,24"x23,62"x42,51")
- 5x drawers (1x modular)
- 8x PVC boxes



TOOLBOX BIGGER PLUS

- 1200x600x1080 mm
(47,24"x23,62"x42,51")
- 5x drawers (1x modular)
- 8x PVC boxes
- Attachable side table 1200 mm (47,24")



TOOLBOX UNI DB2

- 1270x1010x1565 mm
(50"x39,76x61,6")
- Can be fitted with a locking door
- Can be supplemented with drawers



TOOLBOX UNI B4

- 1800x650x1010 mm
(70,86"x25,59"x39,76")
- 12x PVC boxes



BEVERAGE CATERING

Beverage box with a refrigerator for cooling of the drinks. The right side is space for supplies, glasses and other material

- 1500x600x1080 mm (59,05"x23,62"x42,51")
- Double sliding doors fridge



CATERING BEVERAGE-T

CATERING BEVERAGE box with a refrigerator for cooling drinks. On the left side of the box there are two drawers and one large compartment, for example for storing a coffee machine. Dimensions: 1500 × 600 × 1080 mm in transport version. The box is equipped with 8 heavy-duty castors. The front lid is 2/3 split and serves as a table for catering use. This product is only available with 230V appliances for the EU region.



CATERING UNI DF2 BW

CATERING DF2 universal combination set, including 100% pull-out drawers and a medium-sized fridge. Complete with two side tables. Suitable for any team. Features: 5L fridge, 3× drawers, 2× tables with folding legs, electrical distribution 220/230V. This product is only available with 230V appliances for the EU region.

FOR TEST APPLICATIONS



ROTARY BOOM INOX IBIOOS

New split horizontal arm that makes it easier to transport. It can also be used without the add-on part behind the rotary joint. As an option, you can add light bars for LED lighting above the car. Or add a second IJ100CX rotating arm with a modified arrangement of the rotating arms in between. Rotating through 360°.

- Our patent design for rotary system
- Suitable for high pressures 25-30bar
- Stainless steel design of all components 1700mm rotary arm
- Total arm length 4000mm, (divisible by adding 1500mm)



DUMPCAN/RAIN CAN

- DUMPCAN DC-6S (6L for Staubli SAF45.5000/DN)
- DUMPCAN DC-9S (9L for Staubli SAF45.5000/DN)
- DUMPCAN DC-6K (6L for Krontec RFC-88DN)
- DUMPCAN DC-9K (9L for Krontec RFC-88DN)
- DUMPCAN DC-9C (9L – with PP20M drain plug)
- REDUCTION D08/SPT12



RF200 REFUELING RIG

REFUELING RIG RF200 is designed for a fast refill during endurance races, with a capacity of 200 l / 52,83 gal according to the FIA AP. "J", 252-7 or FIA-WEC, with fuel restrictors, closing valves DEADMAN with a recurrent spring and airing system. New weighing system CWU 300 under RF200 with electronic info display with Bluetooth conn.

- RF200-FIA (GT3, and other FIA rules)
- RF200-FIA-WEC (ELMS, Asia LMS)

REFUELING STATIONS — CASELINER®

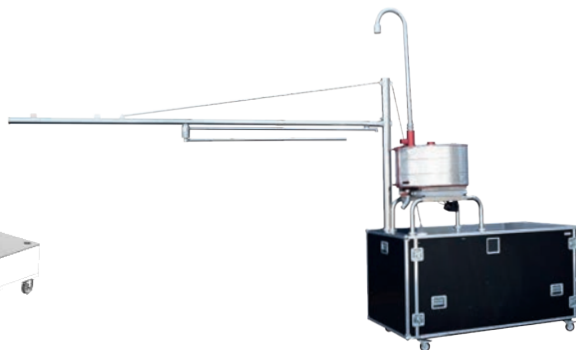
FOR RACING APPLICATIONS



PIT TROLLEY ENDURANCE

PIT TROLLEY ENDURANCE is all new conception with elegant solution in refuelling area, air distribution and complete distribution of tank hoses at PIT STOP area. Trolley has many of storage areas, including practical entry / rear doors to each sections. Including holder area for PAOLI regulators. On request with new double carbon rotary boom CB400. (or inox single arm IB100, or add second arm IJ100C)

- Aluminium construction
- 2080x1080x1100 mm (81,88"x 42,51"x 43,30")
- Holder for PAOLI F1, F2, F4 and F5 regulators



PIT TROLLEY FIA

Basic pit trolley for RF200 system, placing of the air pressure bottles and air pressure regulators. We provide various versions of design - positioning of RF200 and rotary boom longitudinal or transverse position toward to passage in the pit lane. On request with new double carbon rotary boom CB400 (or inox single arm IB100, or add second arm IJ100C).

- Flight case construction with strengthening floor steel frame
- 2250x1050x1190 mm (78,74"x39,37"x41,33")
- 4 wheels
- Holder for 3 cylinders (av. 233mm type)



BOTTLE CAGE BC-PRO

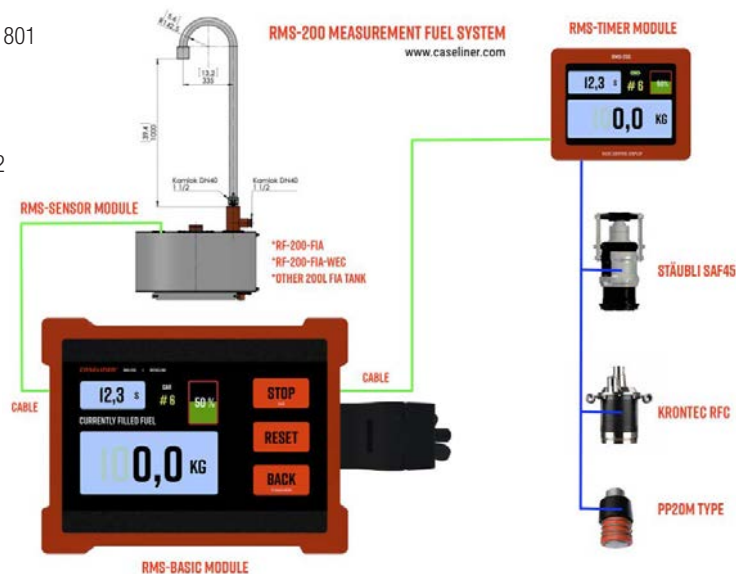
Special holder for the rotary arms and two big cylinders. It is primarily located for GT CHALLENGE SPRINT, DTM, ADAC GT MASTER, and other similar series, where no petrol refueling stop is required at the PIT STOP.

- High-quality stainless steel, including stabilizing legs.
- Side holder for PAOLI gun and AIR LANCE on demand
- Rotary arm IJ100, CB200, CB400 on demand

RMS200 FUEL MEASURING SYSTEM

A system to continuously monitoring and recording the refuelling process of a race car and monitoring the fuel level in the RF200 refuelling tank. The system uses state-of-the-art ultrasonic measurement technology in compliance with current FIA regulations. Weights for fuel rigs are not required. The RM-200 system is modular, with the possibility of using the main BASIC unit and an external unit for direct control of the refuelling phase by a second mechanic who has an overview of the amount of fuel filled and the time measured in the process. The RMS-200 can be used in any racing series. It can be mounted directly on the RF200 brackets in three positions from the left, right or under the pipe. The TIMER module will be placed on Stäubli SAF, Krontec RFC or PP20M valves.

- RMS-200-M / MAIN UNIT / fuel sensor, DumpCan sensor / code 0152021801
- RMS-200-T / TIMER UNIT / code 0152021802
- RMS-200-ST HOLDER / holder for Staubli SAF valve / code 0152022851
- RMS-200-KR HOLDER / holder for Krontec RFC valve / code 0152022852
- RMS-200-PP HOLDER / holder for PP20M valve / code 0152022853



REFUELLING BOTTLE — CASELINER®



REFUELLING BOTTLE CL25 & TROLLEY CL25F

Caseliner Refuelling Bottle CL25 is a standard 25L tank and one PP20M valve.



REFUELLING BOTTLE CL25-45 & TROLLEY CL25F

Caseliner Refuelling Bottle CL25 is a standard 25L tank and one PP20M valve.



STAUBLI TILTED BOTTLE & TROLLEY ST25

25 L Refueling Bottle STAUBLI – SAF45.1025/RO/JKV. Enables quick and easy refueling. Heavy-duty construction.



KRONTEC BOTTLE & TROLLEY KR25

25 L Refueling Bottle KRONTEC RFC-89-K-FL or KRONTEC RFC-89-K-FL-45. Enables quick and easy refueling. Heavy-duty construction.



TYRE HEATER RACK (STANDARD)

Designed for the endurance racing, tyre heater rack can pre-heat up to three sets of tyres. The frame is constructed in two sections from stainless steel. The warm is kept within the rack by a strong PVC silver/thermo AIRTEX awning, which can be unzipped in two individual sections.

Transport flight case is optional.

- Full demountable
- 2000 mm width (78,74")
- 2000 mm high (78,74")
- 1000 mm depth (39,37")

Code B.39.05.0002: Diesel heating device

TYRE HEATER RACK ENDU2 / TYRE HEATER RACK ENDU4

Special warm box designed for heating of tyres during the endurance races. Tyre heater rack can pre-heat 2 or 4 sets of tyres. Easy to assemble by aluminium construction with a textile covering AIRTEX and internal thermal material that keeps heat well. Two or four chambers, independently heated with a mechanical controlled temperature level. Two zippered section for access to the tires with a small inspect window control and measure the actual temperature. Transport flight case is optional, for all parts, incl. heater Master.

ENDU 2 (Code B.39.05.0004)

- Full demountable
- 1920 mm width (75,59")
- 1900 mm high (75,59")
- 980 mm depth (38,58")

ENDU 4 (Code B.39.05.0006)

- Full demountable
- 3800 mm width (149,60")
- 1900 mm high (75,59")
- 980 mm depth (38,58")



TYRE TROLLEYS — CASELINER®

TYRE TROLLEY PRO SERIES

High quality trolley made from stainless steel for transport and storage of tyres.

Accessories on demand.

- Wheels 160 mm (6,29") - 900 kg
- Outer high 1500 mm (59,05")
- Outer depth 650 mm (25,59")
- Horizontal beams 1300 or 1500 mm

Code B.39.05.0013: PRO140

Code B.39.05.0014: PRO160



TYRE TROLLEY HEATING

Folding trolley made from stainless steel designed to heat the tyres with warm up quilts.

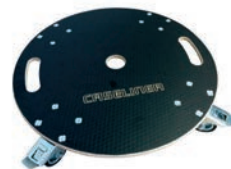
- 4x wheels 80mm (3,14")
- Folding plate with quick release



TYRE BOARD

Special plate TYRES BOARD for stocking and short distance transport of the wheels.

- Diam. 620mm / 25,19"
- 4 wheels (2x rotary + 2x with brake)
- Black color
- 15 mm plywood
- Max. load weight 300 kg



TYRES BOARD SR4-18

Tyre board fitted with 4 rim rings for secure wheel placement.



TYRE TROLLEY FORMULA

High quality trolley made from stainless steel for transport of tyres. Folding plate.

- 2x wheels 200mm / 7,87"
- Folding handle
- High 1400mm / 55,11"



BELT BARRIERS

Crowd control belt barriers with internal mechanism equipped with centrifugal belt-breaking system. Belt length is 2,3m. Available colors: black (B.39.10.0004), grey (B.39.10.0001), blue (B.39.10.0002) and red (B.39.10.0003). Transport flight cases (B.48.0014), bags and printing are optional.

- Height 1000 mm / 39,37"
- Belt length 2,3 m / 90,55"
- Total weight approx. 12 kg / 26,45 lb



BELT BARRIERS ECO VERSION

We now offer an economical solution for belt barriers in two ECO versions. Both options are designed to meet different customer needs and budgets. For both barrier types, we also provide an economical flight case for easy transport and storage.

- Black tape
- Height: 925 mm
- Belt length: 2.5 m
- Weight: 8 kg



WHEELS BATH

It is ideal for easy cleaning tires and wheels. It is fitted with a pair or two of bearing rollers for easy rotation of the wheel during cleaning.

Available:

B.39.07.0001: wheel bath single
B.39.07.0002: wheel bath double

- Material stainless steel
- Removable legs, one adjustable leg
- Two adjustable rotary rollers.

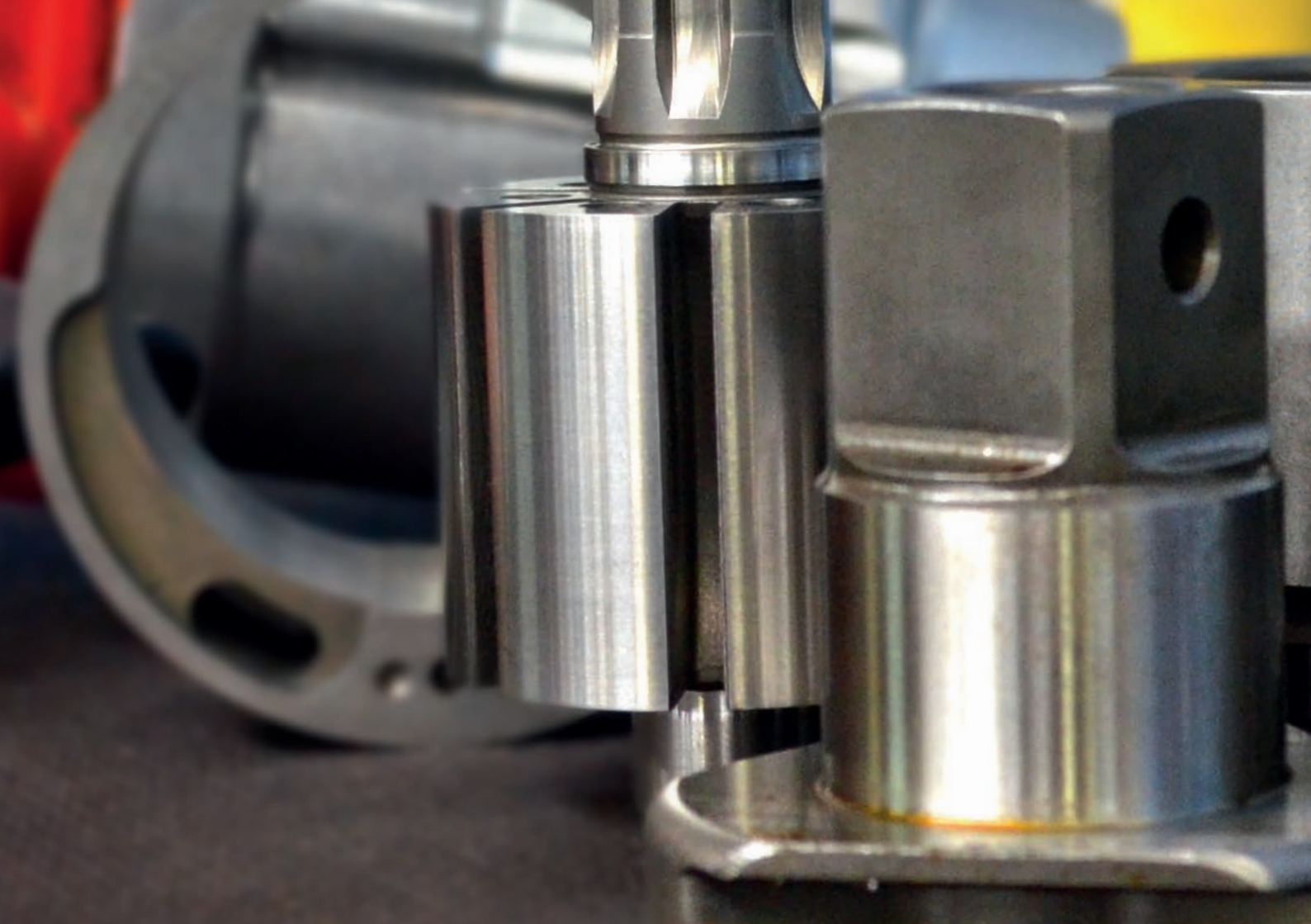


MECHANIC CHAIRS

Stainless steel mechanic's chair with 4 wheels and tools area.

- 4x double-wheel
- 30 mm stainless steel
- Black plywood upholstered seat
- Tools area





A close-up photograph of mechanical components. In the foreground, a coiled metal spring is visible, partially obscured by a dark, metallic gear or camshaft component. The background is blurred, showing more mechanical parts and a blue object. The overall tone is industrial and technical.

PRODUCT CARE

SERVICE AND OVERHAUL



PAOLI SERVICE

To ensure the reliability, accuracy, power and speed of our product, we recommend a complete overhaul. Our After Sale Service can provide information about after how many cycles (No. 1 cycle = No. 1 LOOSENING + No. 1 TIGHTENING) the service is required.

You can also require the repainting of the tool to get it back to the aesthetic (and functional) conditions similar to a new wheel gun. The service Test carries out laboratory testing on individual components subject to greater effort. It is possible also to convert the directionality (for each wheel gun model), transforming it to its different versions (UH, RH, LH).

- **S – SERVICE AND REPAIR:**

the wheel gun is fully overhauled, cleaned, all consumable components replaced and finally tested

- **R – SERVICE, REPAIR AND REPAINT:**

in addition to the service S, the wheel gun is repainted

- **T – SERVICE, REPAIR, AND TEST REPAINT:**

in addition to service R, the wheel gun is subjected to various tests that certify the conformity of the components

- **C – SERVICE, REPAIR, REPAINT AND CONVERSION:**

in addition to service R, the wheel gun is transformed to its different versions (UH, RH, LH).

The table on the following page details all transactions carried out for each type of service.

WEEL GUN SERVICE PROCEDURE






	S SERVICE REPAIR	R SERVICE REPAIR REPAINT	T TEST	C SERVICE REPAIR REPAINT CONVERSION
CHECK Check of the table "Request for Service & Maintenance" that is filled in to the customer.	✓	✓		✓
DISASSEMBLING The wheel gun is completely disassembled.	✓	✓		✓
EXAMINE Check of each part for conformity.	✓	✓		✓
CLEANING Each part is cleaned and the grease is taken off.	✓	✓		✓
REPLACEMENT Replacement consumables parts (service kit: vanes, screws, washers, valve seat).	✓	✓		✓
DE-PAINTING The alloy parts are de-painted. The clutch cover is re-coated.		✓		✓
RE-ASSEMBLING The wheel gun is re-assembled.	✓	✓		✓
TEST The wheel gun is tested.	✓	✓		✓
RE-PAINTING The wheel gun is prepared for the re-painting and then properly re-painted.		✓		✓
CONVERSION Some parts are replaced to convert the wheel guns into UH, RH, LH versions.				✓
CERTIFICATE This document certifies the parts that have been replaced and the tightening torque the gun reaches after the service.			✓	



WEEL GUN SERVICE PROCEDURE

PRODUCT CARE

WEEL GUN SERVICE CODES

	S	R	T	C
HURRICANE 2.0	R.01.01.01.0062	R.01.01.01.0063	R.05.01.01.0001	
HURRICANE	R.01.01.01.0055	R.01.01.01.0056	R.05.01.01.0001	
DP 6000	R.01.01.01.0049	R.01.01.01.0050	R.05.01.01.0001	
DP 6000 BIAS	R.01.01.01.0059	R.01.01.01.0060	R.05.01.01.0001	
DP 5000 TI MARK II	R.01.01.01.0040	R.01.01.01.0041	R.05.01.01.0001	
DP 5000 BIAS	R.01.01.01.0053	R.01.01.01.0054	R.05.01.01.0001	
DP 4000 30BAR	R.01.01.01.0044	R.01.01.01.0045	R.05.01.01.0001	
DP 4000 ALU	R.01.01.01.0032	R.01.01.01.0033	R.05.01.01.0001	
SUPERSPORT	R.01.01.01.0066	R.01.01.01.0067	R.01.01.01.0001	
DP 4000 BIAS	R.01.01.01.0042	R.01.01.01.0043	R.05.01.01.0001	
DP 4000	R.01.01.01.0023	R.01.01.01.0024	R.05.01.01.0001	LH  RH R.02.01.01.0038
				RH  LH R.02.01.01.0039
				UH  RH R.02.01.01.0040
				UH  LH R.02.01.01.0041
				LH / RH  UH R.02.01.01.0042
DP 3000	R.01.01.01.0019	R.01.01.01.0020	R.05.01.01.0001	

WEEL GUN SERVICE CODES

	S	R	T	G
DP 2000 SE DP 2000 S DP 2000	R.01.01.01.0001	R.01.01.01.0002	R.05.01.01.0001	LH → RH R.02.01.01.0009 RH → LH R.02.01.01.0010 UH → RH R.02.01.01.0012 UH → LH R.02.01.01.0011
DP 197 SFE DP 197 SF DP 197 S DP 196 S	R.01.01.01.0009	R.01.01.01.0010	R.05.01.01.0001	LH → RH R.02.01.01.0016 RH → LH R.02.01.01.0017 LH / RH → UH R.02.01.01.0033
DP 176 SFE DP 177 SF	R.01.01.01.0046	R.01.01.01.0047	R.05.01.01.0001	
DP 176 SF	R.01.01.01.0007	R.01.01.01.0008	R.05.01.01.0001	LH → RH R.02.01.01.0025 RH → LH R.02.01.01.0026
BLUEDEVIL	R.01.01.01.0026	R.01.01.01.0027	R.05.01.01.0001	
DP 36 SF	R.01.01.01.0021	R.01.01.01.0022	R.05.01.01.0001	
DP 36 SF EVO	R.01.01.01.0034	R.01.01.01.0035	R.05.01.01.0001	
4 BIKE	R.01.01.01.0057	R.01.01.01.0058	R.05.01.01.0001	

WEEL GUN SERVICE CODES



PRODUCT CARE

ELECTRIC GUN SERVICE

Any type of service and repair operation involving the electrical circuits (mechatronic components, electric motor and trigger) must be carried out by highly specialized DINO PAOLI's staff.









DINO PAOLI s.r.l. cannot be held responsible, and will not accept any requests for compensation for damages caused by failure to follow the manufacturer's instructions.

OPERATIONS THAT CAN BE CARRIED OUT EXTERNALLY TO PAOLI STAFF

	EXAMINE	CLEANING	GREASING
E-GUN			
TYPHOON PLUS with Torque Indicator		✓	✓
TYPHOON PLUS	✓	✓	✓
TYPHOON 1"	✓	✓	✓
TYPHOON 1/2"	✓	✓	✓
TYPHOON 3/4"	✓	✓	✓
ROCKET	✓	✓	✓
TOOLKIT	✓	✓	✓
TYPHOON BRUSHLESS 1/2"	✓	✓	✓
TYPHOON BRUSHLESS 3/4"	✓	✓	✓
TORNADO	✓	✓	✓

WARNING! In brushed motor application is recommended to periodically blow compressed air through the motor vents to keep the brushes in optimal conditions.

AIR PRESSURE REGULATORS SERVICE AND REPAIR

PRODUCT NAME	GAUGES	CODE	PRODUCT NAME	GAUGES	CODE
F1		GLYCERIN (silver version) R.01.03.0008	F5		GLYCERIN R.01.03.0036
F2		GLYCERIN (silver version) R.01.03.0010	F4		GLYCERIN (gold version) R.01.03.0009 GLYCERIN (silver version) R.01.03.0028
F9 2.0		STANDARD R.01.03.0014 UPGRADE 220 bar → 350 bar R.01.03.0001	F40		STANDARD R.01.03.0022
F15		GLYCERIN R.01.03.0010	F50		GLYCERIN R.01.03.0029



SPARE PARTS AND SERVICE TOOLS

PRODUCT CARE

ACCESSORIES SERVICE & REPAIR

PRODUCT NAME

GAUGES

CODE

AIR BOTTLES



SERVICE

R.01.03.0011

COMPRESSOR



SERVICE

R.01.03.0039

WHEEL NUT SOCKETS



SERVICE

R.01.03.0033

PRODUCT NAME

GAUGES

CODE

HOSES



SERVICE

R.01.03.0006

COUPLINGS



TST EUROPE DN11

SERVICE

R.01.03.0017

COUPLINGS



TST EUROPE DN8

SERVICE

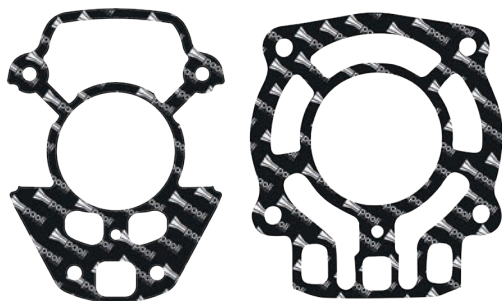
R.01.03.0016

SERVICE KIT

CODE	PRODUCT NAME	AVAILABLE FOR
B.23.0232	KITHURRICANE20	HURRIICANE 2.0
B.23.0170	KITHURRICANE	HURRIICANE
B.23.0138	KIT6000	DP 6000 90° ANGLED HANDLE
B.23.0163	KIT6000	DP 6000 CLASSIC HANDLE
B.23.0208	KIT6000BIAS	DP 6000 BIAS
B.23.0164	KIT5000BIAS	DP 5000 BIAS
B.23.0108	KIT5000TI	DP 5000 TI
B.23.0123	KIT400030BAR	DP 4000 30BAR
B.23.0079	KIT4000ALU	DP 4000 ALU
B.23.0048	KIT4000	DP 4000
B.23.0107	KIT4000BIAS	DP 4000 BIAS
B.23.0001	KIT2000S	DP 2000 S, SE
B.23.0240	KITSUPERSPORT	SUPERSPORT
B.23.0203	KITREDDEVILBLACKBIRD	RED DEVIL BLACK BIRD
B.23.0002	KIT197SF	DP 197 SF, SFE
B.23.0119	KIT176SFE	DP 176 SFE, DP 177 SFE
B.23.0054	KITBLUEDEVIL	BLUE DEVIL
B.23.0080	KIT36SFEVO	DP 36 SF EVO, 4 BIKE
B.23.0104	KIT36SFEVOUS	DP 36 SF EVO US
B.40.0052	KITF4	F4 (gold version)
B.40.0065	KITF4	F4 (silver version)
B.40.0107	KITF5	KITF5
B.40.0109	KITF920	F920
B.40.0054	KITF1F2	F1, F2
B.40.0055	KITF1F2B	F1, F2 (yellow brass version)
B.40.0050	KITF15	F15
B.40.0051	KITF40	F40

Dino Paoli S.r.l. does not assume responsibility for the use of the kits by unauthorized or not properly trained workers.





OPTIONAL RUBBER COATED ALUMINUM GASKET



Three-layer gasket designed to guarantee a longer life and a better seal compared to traditional gaskets.

- Reusable
- More use cycles
- Excellent mechanical performance
- Give the consideration of both aluminium rigidity and rubber elasticity for its special construction.

CODE	AVAILABLE FOR
D.01.17.0111	HURRICANE
D.01.17.0112	DP 6000, DP 6000 BIAS, DP 5000 BIAS, DP 5000 TI MARK II, DP 4000 30BAR



CODE	AVAILABLE FOR
B.23.0159	DP 6000, DP 5000 TI MARK II, DP 4000 ALU, DP 2000 SE

For the single codes of the tools please refer to the repair manual of the specific model.



- High resistance
- High performance in terms of rotation speed and precision point on work on the cam
- Easily controllable status of life simply by measuring the diameter from the starting point and day by day comparing the gun performance respect the diameter decrease.
- Built in titanium

CODE	AVAILABLE FOR
D.01.10.0010	HURRICANE, DP 6000, DP 6000 BIAS, DP 4000 ALU, DP 5000 TI MARK II, DP 4000 30BAR, DP 2000 SE, DP 3000 SUPERSPORT

WHEEL GUN LUBRICATION



B.27.0007



B.27.0004



B.27.0005

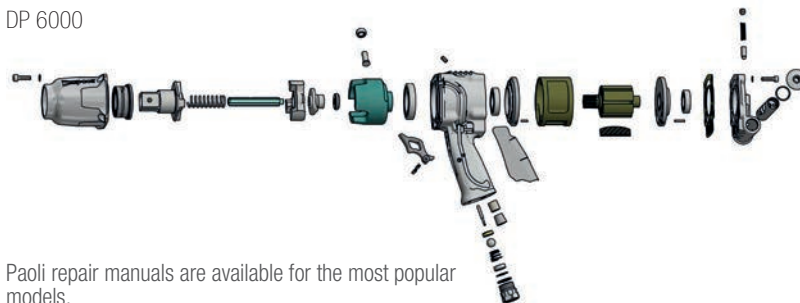


B.27.0016

PRODUCT CODE	QUANTITY	DESCRIPTION
B.27.0007	1 kg	Special Grease for PAOLI wheel gun hammer mechanism.
B.27.0004	1 l	Special Oil for PAOLI wheel gun motors.
B.27.0005	5 l	Special Oil for PAOLI wheel gun motors.
B.27.0016	500 ml	Special <i>fin Lube</i> spray Lubricant for PAOLI wheel gun motors (it contains microspheres of teflon which enhance the inner surface protection and lubrication.

WHEEL GUN SPARE PARTS

DP 6000



Paoli repair manuals are available for the most popular models.

SPARE PARTS

As manufactures of our wheel guns we get available to our customers all the spare parts for maintenance and repair. Contact us for inquiries and quotes.

ACCESSORIES SERVICE & REPAIR

Across the range of accessories that we sell we provide sales of spare parts. Please contact us for all your needs.
















































We repair and overhaul all our products. Please contact our After Sales Service for information.



www.paoli.net










































WHEEL GUN CONFIGURATIONS

WHEEL GUN	HANDING			RADIAL HAMMER MECHANISM	SPLINE MODEL	SHUTTLE MOTION		COVER MATERIAL	
	LH	RH	UH			3PORT	2PORT	CARBON	ALUMINIUM
HURRICANE 2.0 CLASSIC HANDLE				ALREADY INCLUDED				NOT AVAILABLE	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
HURRICANE 2.0 90° ANGLED HANDLE				ALREADY INCLUDED				NOT AVAILABLE	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
HURRICANE 90° ANGLED HANDLE									
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 CLASSIC HANDLE									
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 90° ANGLED HANDLE									
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 BIAS	RH & LH VERSIONS IN A SINGLE GUN								
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PUT A TICK IN THE REQUIRED BOXES AND SEND THE DOCUMENT AT: SALES@PAOLI.NET

CUSTOMISE YOUR PAOLI WHEEL GUN!

WHEEL GUN	HANDING			RADIAL HAMMER MECHANISM	SPLINE MODEL	SHUTTLE MOTION		COVER MATERIAL	
	LH	RH	UH			3PORT	2PORT	CARBON	ALUMINIUM
SUPERSPORT				ALREADY INCLUDED		NOT AVAILABLE		NOT AVAILABLE	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
DP 5000 TI MAK II									
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 4000 ALU				NOT AVAILABLE					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 4000 30BAR									
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 2000 SE				NOT AVAILABLE		NOT AVAILABLE			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

WHEEL GUN CONFIGURATIONS



PRODUCT CARE





FAQ

YOUR QUESTIONS. OUR ANSWER



FAQ – FREQUENTLY ASKED QUESTIONS –

- ☐ **WHY DO WE HAVE LH, RH, UH WHEEL GUNS?**
RH and LH give more power on the loosening mode (where it is mostly required), UH delivers the same power on both directions.
- ☐ **WHICH FEATURE HAVE I TO KEEP IN MIND TO CHOSE A HOSE IN ORDER TO GET THE BEST PERFORMANCE?**
The most important feature is the inner diameter of the hose in order to guarantee the correct air flow to the gun.
- ☐ **WHAT IS THE DIFFERENCE BETWEEN A 2-PORT AND A 3-PORT BACK COVER?**
The ports are the holes in the shuttle (they can be 2 or 3). This definition refers to the shuttle motion. The 2-port is normally for right handed operators, the 3-port is normally for the left-handed operators.
- ☐ **WHAT BIAS MEANS AND WHAT IS ITS PURPOSE?**
BIAS means that the gun is both RH and LH and you can convert it from one version to the other just moving a lever on top of the gun.
- ☐ **WHAT IS THE DIFFERENCE BETWEEN STATIC AND DYNAMIC PRESSURE?**
The static pressure is the pressure you read on the OUT gauge of the regulator when the gun is not working; on the other hand, the dynamic pressure is the pressure you read on the OUT gauge of the regulator when the gun is working (the dynamic pressure is always lower than the static pressure).
- ☐ **WHY DO SOME WHEEL GUNS HAVE A GREY SPRING AND OTHERS A BLACK SPRING INSIDE THEM?**
Currently, we use the grey spring for the 3000 NextGen Nascar and the black spring for the Hurricane 2.0, Hurricane, DP6000, and others. The only difference between the two springs are the color and the end of the wire.
- ☐ **WHY WOULD I NEED A FAST SHUTTLE ON MY WHEEL GUN?**
To be faster at changing the gun direction (from loosening mode to tightening mode just pushing a lever with the thumb or just slightly moving the wrist on the Fast Shuttle 2.0 release).
- ☐ **HOW CAN I INCREASE THE SERVICE LIFE OF THE TYPHOON?**
Running the impact wrenches only when strictly necessary helps preserve the motor brushes. Running it unnecessarily, in fact, can cause premature wear and tear.
- ☐ **CAN I USE THE BATTERY TO POWER OTHER TOOLS?**
The battery has internal protection and can be used in other tools, as long as the connection is compatible and the tool does not require excessive energy consumption compared to the battery's capacity.
- ☐ **HOW CAN I INSTALL THE SPLINE DRIVE ON MY WHEEL GUN?**
You can find the instructions for installing the spline drive in the use and maintenance manual.
- ☐ **CAN I INSTALL RADIAL HAMMER MECHANISM COMPONENTS ALONG WITH STANDARD HAMMER MECHANISM COMPONENTS ON MY WHEEL GUN?**
No, the components of the radial hammer mechanism must be installed exclusively with other components of the same hammer mechanism. They are not compatible with standard hammer mechanism (look at page 12).







AUTOMOTIVE PRODUCTS

NOT FOR RACING APPLICATIONS (LOWER PRESSURE - 6,3 BAR)

AUTOMOTIVE IMPACT WRENCHES

(LOWER PRESSURE - 6,3 BAR)

AUTOMOTIVE IMPACT WRENCHES

Discover a small selection of our automotive impact wrenches for garage applications. Paoli automotive products are designed for optimal garage use.

Our automotive impact wrenches are designed to be lightweight and easy to handle with an optimum weight/power ratio.

You can find all the Paoli automotive products on our website: www.paoli.net

Technical features, working pressure and constructive materials are not suitable for racing applications.

ATTENTION: NOT FOR RACING APPLICATIONS

The company does not suggest the use of these products at a working pressure of over 6.3 bar.

BUTTERFLY



Also available:
BUTTERFLY XC
WITH SCREWDRIVER CONNECTION
Square drive: 1/4" FEM. HEX.

PRODUCT NAME	BUTTERFLY
PRODUCT CODE	BUTTERFLY.001
SQUARE DRIVE	3/8"
BOLT RANGE	M10
MAX TORQUE	110 Nm (80 ft-lb)
WORKING TORQUE	10-100 Nm 10-75 ft-lb
WEIGHT	0,53 kg - 1.17 lbs
FREE SPEED	12000 rpm
IMPACTS NUMBER	1000/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	130 mm (5.11")
SIDE TO CENTER	20 mm (0,78")

DP 1040



PRODUCT NAME	DP 1040
PRODUCT CODE	001040.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
MAX TORQUE	650 Nm (479 ft-lb)
WORKING TORQUE	100-500 Nm (80-370 ft-lb)
WEIGHT	1,30 kg (2.86 lbs)
FREE SPEED	9500 rpm
IMPACTS NUMBER	1600/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm (0.315")
LENGTH	98 mm (6.3")
SIDE TO CENTER	31 mm (1.38")

DP 1050



PRODUCT NAME	DP 1050
PRODUCT CODE	001050.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
MAX TORQUE	700 Nm (518 ft-lb)
WORKING TORQUE	100-600 Nm (74-444 ft-lb)
WEIGHT	1,3 kg (2.87 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1150/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")
LENGTH	92 mm (3.62")
SIDE TO CENTER	29 mm (1.14")

DP 1800



PRODUCT NAME	DP 1800 PLUS
PRODUCT CODE	1800PL.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M24
MAX TORQUE	1650 Nm (1200 ft-lb)
WORKING TORQUE	150-900 Nm (110-670 ft-lb)
WEIGHT	1,65 kg (14.33 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1850/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm (0.315")
LENGTH	160 mm (6.3")
SIDE TO CENTER	35 mm (1.38")



WHERE WE ARE?

Formula 1

Formula 2

Formula 3

NASCAR

FORMULA E

24 Hours of Le Mans

IndyCar

IndyNTX series

IMSA

DTM

Super GT

Super Formula

ELMS

GT World Challenge Europe

Endurance

Ferrari Challenge

Lamborghini Super Trofeo

Audi Sport R8 LMS Cup

Porsche Cup

Porsche GT 3 Cup Brasil

F3 Asian Championship

TCR International Series

TCR China

China GT Championship

China Touring Car Cup

Thailand Super Series

Super TC2000

TC2000

V8 SUPERCAR

Stock Car

Stock Car Light

Copa Petrobras de Marcas

Malaysia Championship Series

N1 SuperTaikyū

Radical Cup China

Scirocco R-Cup

Mercedes Benz Challenge

Cape Town Power Series

Asian Le Mans Series

Las 6 horas Peruanas

PCCA



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Models, specifications, colors and codes are subject to change without prior notice due to continuous improvements. Thank you for your interest in our products.



paoli®
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ITALIAN
MOTORSPORT
NETWORK



Company with a gender equality management
system certified according to the standard UNI/
PdR 125:2022



Company with an environmental management
system certified according to the standard UNI EN
ISO 14001:2015



EN 9100:2018
ISO 9001:2015