

P A O L I  
P I T S T O P  
C A T A L O G U E

C A T A L O G U E

 **paoli**  
PIT STOP

 **paoli**  
Electric





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Thank you for your interest in our products.



## THE WORLD CLASS IMPACT WRENCHES MANUFACTURING COMPANY

# COMPANY

DINO PAOLI S.r.l. supplies all the teams participating in F1, F2, DTM, V8-SUPERCAR, INDYCAR, NASCAR, F. NIPPON, 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

## F1 PODIUM

Thanks to the superior fastness and compactness of its products, Paoli becomes the official supplier for one of the most famous F1 teams.

## BRAND AWARENESS

Paoli becomes synonym of race wheel gun.

## TSA SYSTEM

Dino Paoli S.r.l. introduces an innovative technology which is able to monitor the torque and angle signal on the wheel nut.

## DP 6000

Dino Paoli S.r.l. produces the DP 6000. The use of high quality materials and the revolutionary 90° ergonomics handle make the latest Paoli wheel gun a technology gem.

## NASCAR

Dino Paoli S.r.l., thanks to the development of new mechatronic technologies, becomes the sole pit equipment supplier of NASCAR.

## E-SHUTTLE

This new device was born from the combination of electronic power and a highly innovative software. E-SHUTTLE: the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion.

## TYPHOON PLUS & E-GUN

In the attempt of improving safety during pit stop, the new generation of electric cordless wheel guns has been equipped with sensors for the monitoring of the fundamental parameters necessary to determine the correct execution of the tyre change event during a race pit stop.

1975

2000

2012

2016

2018

2020

2022

1968

1994

2011

2014

2017

2019

2021

## THE ORIGINS

Dino Paoli S.r.l. was incorporated in 1968 and it has specialized in the production of wheel guns used in workshops for commercial vehicles and standard road cars.

## THE US MARKET

Dino Paoli S.r.l. enters for the first time the highly competitive US motorsport market.

## FORMULA NASCAR

Dino Paoli S.r.l. gets into Nascar with Red Devil. This represents Paoli's debut in the one of the most important U.S. championships.

## DP 5000 TI MARK II

Paoli starts manufacturing new wheel guns using aerospace materials. Titanium, carbon and magnesium alloy are now used to produce the model DP5000 TI MARK II.

## RED DEVIL 2.0

Designed for Nascar, the RED DEVIL 2.0 has been developed in order to give an extraordinary fastness and smoothness to the Nascar tire changers.

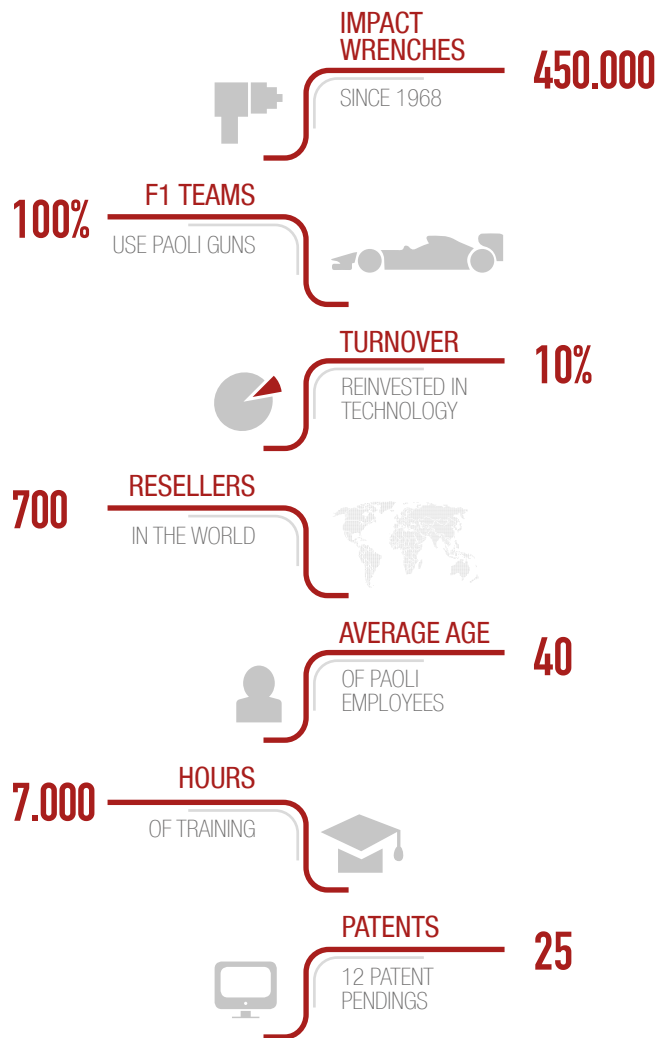
## MECHATRONIC

Dino Paoli S.r.l. starts the development of cutting edge new mechatronics products.

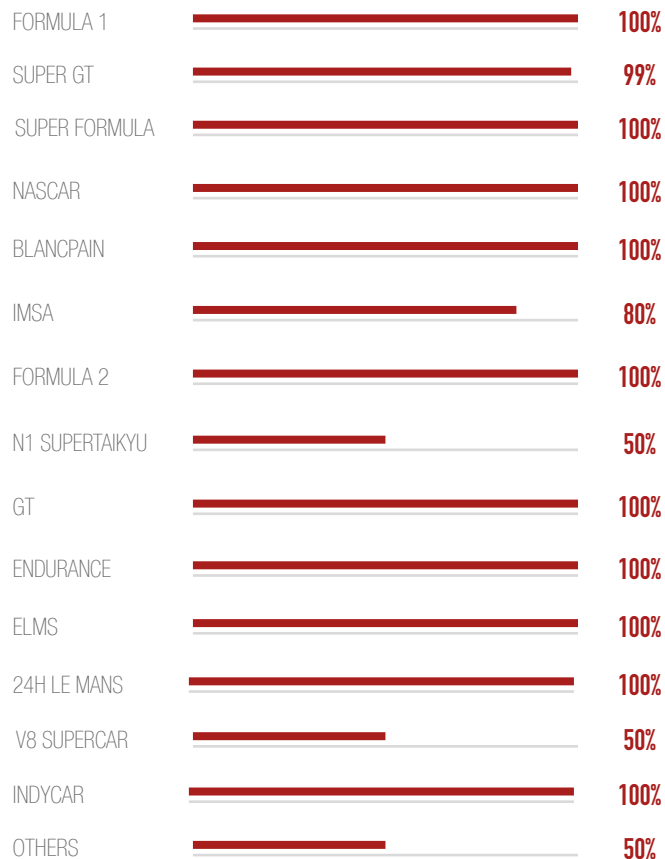
## SUPERSPORT

Dino Paoli S.r.l. develops the updated SUPERSPORT to be the sole wheel gun used in the Nascar Cup Series.





# DEVELOPMENT



# NEW PRODUCTS HIGHLIGHTS

## WHEEL GUNS

W

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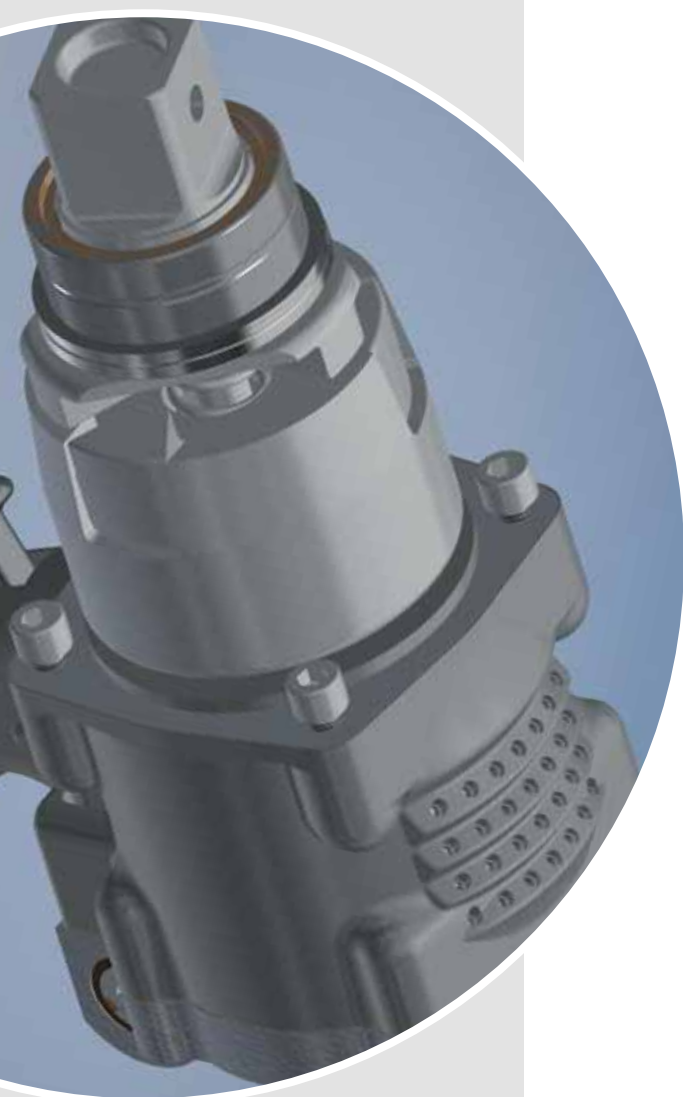
**AUTOMOTIVE  
PRODUCTS**

**P**

Discover Paoli  
automotive products  
(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.



# WHEEL GUNS

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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 refers to the shuttle motion.

## 3-PORT (STANDARD AND MORE PERFORMANT VERSION)



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



PUSH THE SHUTTLE FROM RIGH T TO LEFT  
→ THE WHEEL NUT TURNS CLOCKWISE



# DIFFERENCE BETWEEN 2-PORT AND 3-PORT SHUTTLE

The ports are the holes in the shuttle (they can be 2 or 3). This definitions refers to the shuttle motion.

## 2-PORT (ON DEMAND)



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



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



# HURRICANE 2.0

**BEST PRACTICE** FORMULA 1 / INDYCAR

Product name	<b>HURRICANE 2.0</b>		
Handle Type	<b>CLASSIC HANDLE</b>		
Front Cover Type	<b>AEROSPACE 7075 ALUMINIUM</b>		
Product code LH Version		HURRICANE2.10	HURRICANE2.07
Product code RH Version	<b>2 port</b>	HURRICANE2.11	<b>3 port</b> 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)		

## ALSO AVAILABLE

Product name	<b>HURRICANE 2.0</b>		
Handle Type	<b>90° ANGLED HANDLE</b>		
Front Cover Type	<b>AEROSPACE 7075 ALUMINIUM</b>		
Product code LH Version		HURRICANE2.04	HURRICANE2.01
Product code RH Version	<b>2 port</b>	HURRICANE2.05	<b>3 port</b> HURRICANE2.02
Product code UH Version		HURRICANE2.06	HURRICANE2.03

## HIGHLIGHTS

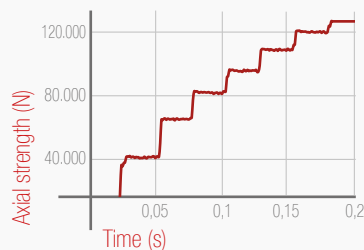
- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness

### 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.



## TIGHTENING



## MANUAL



Operating and  
Maintenance  
Manual

## 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 OPTIONAL  
MONOLITHIC PIN**



**E-SHUTTLE**  
(On demand)

**COLOUR CODES**

**BUILT-IN FRS**

**COLOUR CODES**



**ERGONOMIC TRIGGER**  
(On demand)



**SPLINE DRIVE  
READY**





# 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		
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	LH / RH 15000 rpm		
(25 bar / 362 psi)	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		
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

## HIGHLIGHTS

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

## 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

## AVAILABLE SOCKETS

	CODE	PAGE
F488/F296	B.28.0104	87
	B.28.0090	88
Huracan GT3 &	B.28.0108	89
Audi R8 GT3	B.28.0081	90
Porsche 911 GT3-R	B.28.0139	91
Formula 2- M.Y. 2024	B.28.0142	93
Formula 2- M.Y. 2023	B.28.0111	94
Indycar	B.28.0080	97
BMW M4 GT3	B.28.0132	96
Mercedes AMG GT3	B.28.0137	95



New Paoli  
spline drive anvil



Traditional  
square drive anvil

## MANUAL



Operating and  
Maintenance  
Manual

## 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 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.





# 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	LH / RH 15000 rpm		
(25 bar / 362 psi)	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		
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)		



## HIGHLIGHTS

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

## AVAILABLE VERSIONS



**Fast left hand version:**  
loosens nuts tightened  
clockwise faster



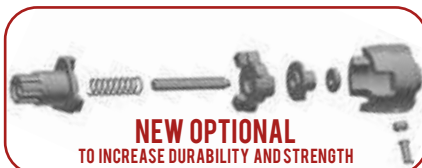
**Fast right hand version:**  
loosens nuts tightened  
anticlockwise faster



**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.



**NEW OPTIONAL**  
TO INCREASE DURABILITY AND STRENGTH



**E-SHUTTLE**  
(On demand)

**NEW OPTIONAL  
MONOLITHIC PIN**



**1000 CYCLES  
ROTOR INSIDE**



### COVER

Double option:  
• Carbon Cover  
• Aluminium Cover



**SPLINE DRIVE  
READY**

## MANUAL



Operating and  
Maintenance  
Manual

# JAN LARSEN ART

ARTIST: JAN LARSEN  
BORN: 1967  
NATIONALITY: USA  
STYLE: NEO-POP

Talked about as one of the most interesting, thoughtful, entertaining, and important artists at work in contemporary art today, **Danish-American Neo-Pop celebrity artist Jan Larsen** credits his collectors, clients, patrons, mentors, and contemporaries with inspiring him to new heights in his work, as his career progresses seemingly into the art-historical firmament.

After starting his fine-art-and-production business **Jan Larsen Art** in the apartment he took over from Brian Donnelly (also known as **KAWS**, now one of the world's most-successful artists) in 2000 as a means of learning the fine art trade prior to joining it as an artist himself, Larsen built the enterprise and brought it to trade globally, founding and running **four contemporary art galleries** in New York City from 2000 to 2015, **producing hundreds of exhibitions**, and representing **over 50 artists and hundreds of clients**, on primary markets and at auction, with accounts at the **Christie's**, **Sotheby's**, and **Phillips** auction houses.

Having thoroughly researched the markets for fine art in terms of content and mechanics of the trade while reflecting on what he wanted to say with his work during those 15 years, Larsen finally **launched his career with a solo show in 2015** in partnership with a retail gallery in Manhattan's Chelsea neighborhood, and has mounted show after show since, 10 solo shows in the first 4 years, each well-received and selling well in New York, London, and Singapore.

From his **popular-culture-based reflections** to his abstract digital prints, his 'word-work' meditations, his Dada-esque conceptual sculptures and performances, to his abstract-expressionist paintings in the traditions of Jackson Pollock and Japan's Gutai Group, Larsen's powerful range demonstrates a mastery of **art-as-social-commentary** in a wide array of contexts and formats, commenting precisely, presciently, and powerfully on the times we live in.



Thanks to the work of the artist **Jan Larsen**, **Paoli Hurricane** becomes an art masterpiece.

Dedicated to the high-octane world of motorsport's elite races, **HIGH TEST** is a limited edition contemporary sculpture.

Precious and suggestive, **HIGH TEST** is inspired by Paoli wheel guns, by Pit Stop world and by the value that good teamwork holds for everyone, not only on the pitlane.

**LET YOURSELF BE INSPIRED!**

Product Code: B.38.05.01.0001



# HIGH TEST 2019

**MATERIALS: BRASS AND STEEL**  
**SIZE: 35 X 30 X 15 CM**  
**STYLE: NEO-POP**  
**LIMITED EDITION: 8 PIECES**



# 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	3,50 kg (7.7 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	LH / RH 14700 rpm
(25 bar / 362 psi)	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
Product code LH Version	006000.00014
Product code RH Version	006000.00015
Product code UH Version	006000.00016
Weight	3,54 kg (7.8 lbs)

## HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- Body made of magnesium alloy

## 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

*Titanium  
inside*

**NEW OPTIONAL  
MONOLITHIC PIN**

### 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**

**COLOUR CODES**

**COVER**

- Double option:
- Carbon Cover
  - Aluminium Cover



**1000 CYCLES  
ROTOR INSIDE**

**SPLINE DRIVE  
READY**



**CLASSIC HANDLE  
(72° angled)**

**DOUBLE STAGE TRIGGER  
(on demand)**

## MANUAL



Operating and  
Maintenance  
Manual





# 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	3,50 kg (7.7 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	LH / RH 14700 rpm
(25 bar / 362 psi)	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
Product code LH Version	006000.00001
Product code RH Version	006000.00002
Product code UH Version	006000.00003
Weight	3,54 kg (7.8 lbs)

## HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- Body made of magnesium alloy

## 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

**Titanium  
inside**

**NEW OPTIONAL  
MONOLITHIC PIN**

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

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**NEW OPTIONAL  
TO INCREASE DURABILITY AND STRENGTH**

**COLOUR CODES**

#### COVER

- Double option:
- Carbon Cover
  - Aluminium Cover

**1000 CYCLES  
ROTOR INSIDE**

**SPLINE DRIVE  
READY**

**90° HANDLE**  
New ergonomics

**DOUBLE STAGE TRIGGER**  
(on demand)

## MANUAL



Operating and  
Maintenance  
Manual



# 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	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	LH	006000.00054
		RH	006000.00055
		UH	006000.00056

(2 port available on demand)

## HIGHLIGHTS

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

## 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

## AVAILABLE SOCKETS

	CODE	PAGE
F488/F296	B.28.0104	87
	B.28.0090	88
Huracan GT3 &	B.28.0108	89
Audi R8 GT3	B.28.0081	90
Porsche 911 GT3-R	B.28.0139	91
Formula 2- M.Y. 2024	B.28.0142	93
Formula 2- M.Y. 2023	B.28.0111	94
Indycar	B.28.0080	97
BMW M4 GT3	B.28.0132	96
Mercedes AMG GT3	B.28.0137	95



New Paoli  
spline drive anvil



Traditional  
square drive anvil

## MANUAL



Operating and  
Maintenance  
Manual

## 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 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.





# 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	3,68 kg ( 8.11 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
Product code	6000BS.00002
Weight	3,75 kg (8.27 lbs)



## HIGHLIGHTS

- Pimply faster!
- 2 wheel guns in 1

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.

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

## RADIAL HAMMER MECHANISM (RHM)

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



SPLINE DRIVE  
READY

COVER

- Double option:
- Carbon Cover
  - Aluminium Cover

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 NEXTGEN



## BEST PRACTICE

NASCAR CUP SERIES  
GT-ENDURANCE

Product name	<b>SUPERSPORT NEXTGEN</b>
Product code LH Version	SSNXGEN.0001
Product code RH Version	SSNXGEN.0002
Product code UH Version	SSNXGEN.0003
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	<b>SUPERSPORT NEXTGEN</b>
Drive shaft	<b>SQUARE DRIVE</b>
Product code LH Version	SSNXGEN.0004
Product code RH Version	SSNXGEN.0005
Product code UH Version	SSNXGEN.0006

## HIGHLIGHTS

- Radial Hammer Mechanism

## 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 FAST REVERSE SYSTEM

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

BUILT-IN FRS

### SUGGESTED COUPLINGS & FITTINGS

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

NEW FRONT COVER SHAPE



**NEW OPTIONAL  
MONOLITHIC PIN**



**SQUARE DRIVE  
READY**

AERONAUTICAL ALUMINIUM  
FRONT COVER



**NEW OPTIONAL  
TO INCREASE DURABILITY AND STRENGTH**

### 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.

## 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	3,43 kg (7.5 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)
<b>ALSO AVAILABLE</b>	
Product name	DP 5000 TI MARK II
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	5000TI.00019
Product code RH Version	5000TI.00020
Product code UH Version	5000TI.00021
Weight	3,50 kg (7.7 lbs)

## HIGHLIGHTS

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

## 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

7 CARBON PEEK VANES

TITANIUM MOTOR



**NEW OPTIONAL  
MONOLITHIC PIN**

COVER

- Double option:
- Carbon Cover
  - Aluminium Cover

NEW STAINLESS STEEL TRIGGER

MAGNESIUM ALLOY BODY

SUGGESTED COUPLINGS & FITTINGS

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

## MANUAL



Operating and  
Maintenance  
Manual





# DP 4000 MG

## BEST PRACTICE

FORMULA 1 / DTM

Product name	<b>DP 4000 MG</b>
Front Cover Type	<b>AEROSPACE 7075 ALUMINIUM</b>
<a href="#">Product code LH Version</a>	4000MG.00037
<a href="#">Product code RH Version</a>	4000MG.00038
Product code UH Version	4000MG.00039
Square drive	1"
Weight	3,71 kg (8.18 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	LH / RH 13500 rpm
(25 bar / 362 psi)	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	<b>DP 4000 MG</b>
Front Cover Type	<b>CARBON COVER</b>
<a href="#">Product code LH Version</a>	4000MG.00040
<a href="#">Product code RH Version</a>	4000MG.00041
Product code UH Version	4000MG.00042
Weight	3,64 kg (8.02 lbs)

## HIGHLIGHTS

- Powerful
- Light
- Reliable

## 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

THE FIRST GUN TO BE EQUIPPED  
WITH MAGNESIUM ALLOY BODY

**NEW OPTIONAL  
MONOLITHIC PIN**

**SPLINE DRIVE  
READY**

**BUILT-IN FRS**

**AERONAUTICAL ALUMINIUM  
FRONT COVER**

**7 CARBON PEEK  
VANES INSIDE**

### SUGGESTED COUPLINGS & FITTINGS

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

## MANUAL



Operating and  
Maintenance  
Manual





# DP 4000 30BAR

## BEST PRACTICE

ENDURANCE / GT

Product name	<b>DP 4000 30BAR</b>
Front Cover Type	<b>AEROSPACE 7075 ALUMINIUM</b>
<a href="#">Product code LH Version</a>	400030.00013
<a href="#">Product code RH Version</a>	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)
<b>ALSO AVAILABLE</b>	
Product name	<b>DP 4000 30BAR</b>
Front Cover Type	<b>CARBON COVER</b>
<a href="#">Product code LH Version</a>	400030.00016
<a href="#">Product code RH Version</a>	400030.00017
Product code UH Version	400030.00018
Weight	3,90 kg (8.6 lbs)

## HIGHLIGHTS

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

## 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

### AERONAUTICAL ALUMINIUM FRONT COVER

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



**SPLINE DRIVE  
READY**



**NEW OPTIONAL  
MONOLITHIC PIN**

**STANDARD  
DOUBLE STAGE TRIGGER**

**BUILT-IN FRS**

### SUGGESTED COUPLINGS & FITTINGS

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

## MANUAL



Operating and  
Maintenance  
Manual



# DP 2000 SE

## BEST PRACTICE

IMSA / GARAGE

Product name	DP 2000 SE
Front Cover Type	AEROSPACE 7075 ALUMINIUM
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	LH / RH 9500 rpm
(25 bar / 362 psi)	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)



## HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- Body made of magnesium alloy

## 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

6 NEW CARBON VANES INSIDE

THE CLASSIC PAOLI GUN

From 18 years always  
on the pit-lanes

- Lighter
- More powerful
- Evergreen

SPLINE DRIVE  
READY

NEW AERONAUTICAL 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 197 SFE

**BEST PRACTICE** GT / ENDURANCE / GARAGE

Product name	DP 197 SFE
Product code LH Version	197SFE.00006
Product code RH Version	197SFE.00007
Product code UH Version	197SFE.00008
Square drive	1"
Weight	4,60 kg (10 lbs)
Length	200 mm (7.87")
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 7900 rpm UH 7500 rpm
Max torque	LH / RH 1900 Nm (3100 ft.-lbs) UH 1800 Nm (2950 ft.-lbs)
Gun selector plate	2 port

## HIGHLIGHTS

- Light weight
- New carbon vanes
- Very reliable

## 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

STRONGER AND MORE RESISTANT  
THAN THE SMALLER 1" WHEEL GUNS



AERONAUTICAL ALUMINIUM  
FRONT COVER

6 NEW CARBON VANES INSIDE

### 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

## HIGHLIGHTS

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

## 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



AERONAUTICAL ALUMINIUM  
FRONT COVER

6 NEW CARBON VANES INSIDE

### SUGGESTED COUPLINGS & FITTINGS

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

## MANUAL



Operating and  
Maintenance  
Manual





# RED DEVIL 2.0

## STREET LEGAL

### BEST PRACTICE

#### 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

## HIGHLIGHTS

- Aeronautical aluminium front cover
- New carbon vanes

## 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



AERONAUTICAL ALUMINIUM  
FRONT COVER

### SUGGESTED COUPLINGS & FITTINGS

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

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

PROTECTIVE PVC COVER



## MANUAL



Operating and  
Maintenance  
Manual



# RED DEVIL BLACKBIRD

## BEST PRACTICE

DESERT RACES

Product name	RED DEVIL BLACK BIRD
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Product code	RDEVBB.00001
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Square drive	1/2"
--------------	------

Weight	2,42 kg (5.33 lbs)
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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
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Max torque	1015 Nm (749 ft-lb)
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Gun selector plate	3 port
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## HIGHLIGHTS

- Aeronautical aluminium front cover
- New carbon vanes

## 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



6 NEW CARBON VANES INSIDE

ROCK AND DEBRIS GUARD

DRILLED SQUARE DRIVE

AERONAUTICAL ALUMINIUM  
FRONT COVER

ADJUSTABLE  
SHUTTLE TENSION



## 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 LH 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



## HIGHLIGHTS

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

## AVAILABLE VERSIONS



Fast left hand version:  
loosens nuts tightened  
clockwise faster



Fast right hand version:  
loosens nuts tightened  
anticlockwise faster

### **VERY FAST!**

*Wheel gun for 5 nuts wheels  
(touring) application!*

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

TWIN HAMMER MECHANISM

AERONAUTICAL 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



# DP 1040

## BEST PRACTICE

MECHANICAL WORKS

Product name	DP 1040
Product code	001040.00001
Square drive	1/2"
Weight	1,30 kg (2.86 lbs)
Length	98 mm (3.86")
Air inlet	1/4"
Supply hose inside diameter	3/8"
Max pressure	6.3 bar (90 psi)
Free Speed (6.3 bar / 90 psi)	9500 rpm
Max torque	650 Nm (479 ft-lb)

## HIGHLIGHTS

- New jumbo hammer typ
- Aluminum alloy body
- Built-in air power regulator

NEW JUMBO HAMMER TYPE

ENERGY EFFICIENT MOTOR:  
MAXIMUM PERFORMANCE AND LONG LIFE

BUILT-IN AIR POWER  
REGULATOR

ALUMINUM ALLOY BODY

F/R SWITCH

RUBBER COATED HANDLE

## MANUAL



Operating and  
Maintenance  
Manual





# E-GUN

## BEST PRACTICE

PIT STOP

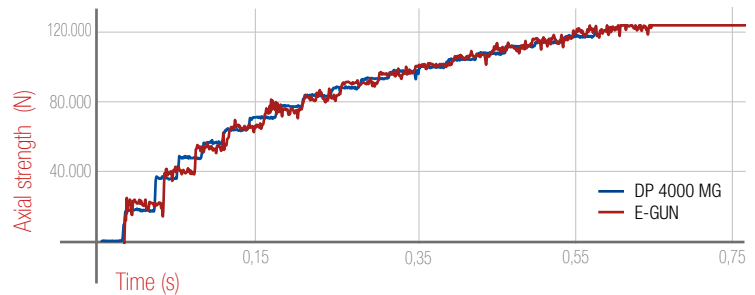
Generated from **PAOLI'S EXPERIENCE** in the sector and cutting edge engineering solutions, is the first electric cordless gun for pit stop application: the **E-GUN**.

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 MG 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	00EGUN.00001	00EGUN.00001
		00EGUN.00002
		00EGUN.00003
E-GUN SPLINE	00EGUN.00004	00EGUN.00004
		00EGUN.00005
		00EGUN.00006

## HIGHLIGHTS

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

## AVAILABLE VERSIONS



**Fast left hand version:**  
loosens nuts tightened  
clockwise faster

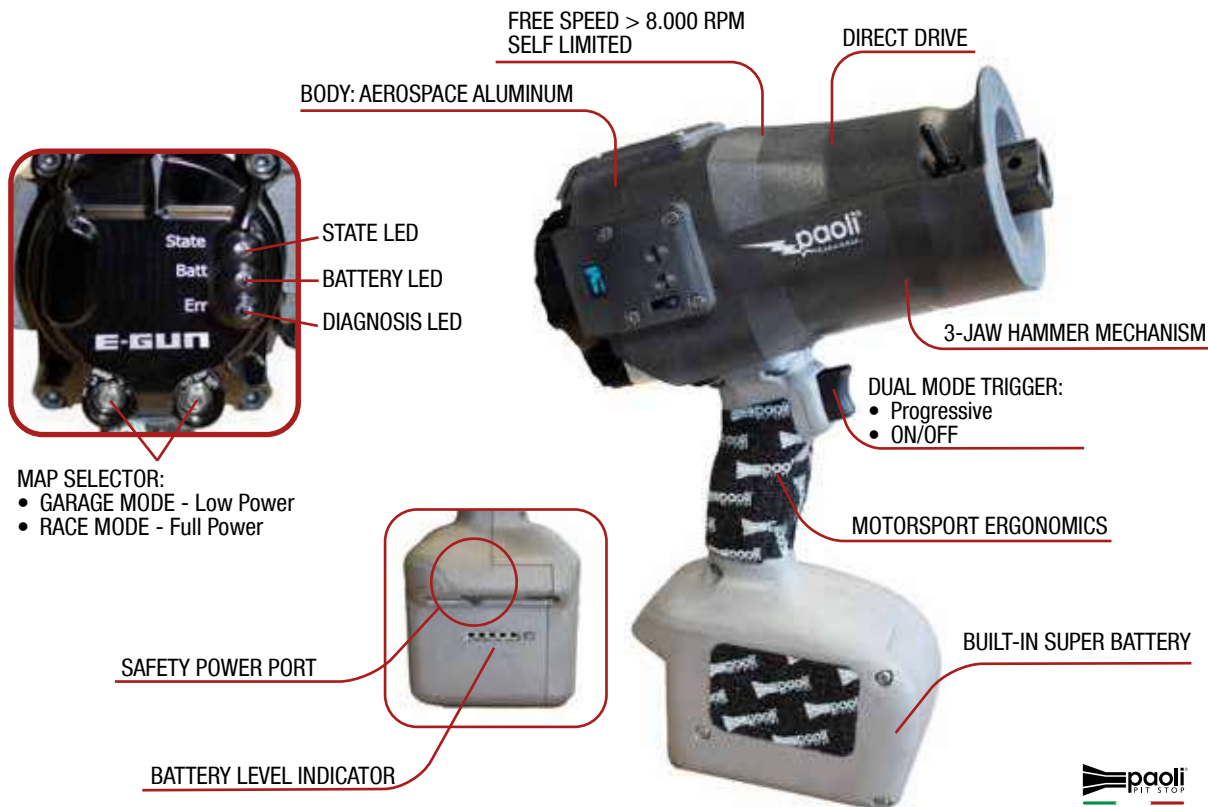


**Fast right hand version:**  
loosens nuts tightened  
anticlockwise faster



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

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







# 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
	1600 Nm (1180 ft-lbs)
Max torque	Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape
Amperage	6.0 Ah

### ALSO AVAILABLE

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

## HIGHLIGHTS

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

## AVAILABLE VERSIONS



**Fast left hand version:**  
loosens nuts tightened  
clockwise faster



**Fast right hand version:**  
loosens nuts tightened  
anticlockwise faster



**SQUARE DRIVE  
READY**

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.



**AVAILABLE  
BATTERY COVER**  
Protects the battery from  
impact and prevents its  
unhook.

## APPLICATION VIDEO



Typhoon Plus with  
Torque Indicator  
Application Video





# 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 &lt;0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

### ALSO AVAILABLE

Product name	TYPHOON PLUS SQUARE DRIVE
Product code	A.08.0026

## HIGHLIGHTS

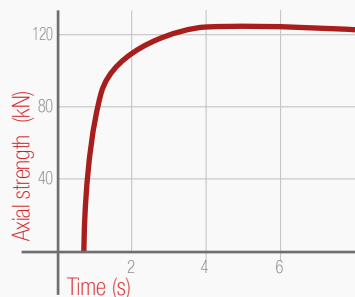
- Fast, powerful and reliable
- Provided in a hard case
- Including: No. 2 **Ultra Power batteries**, a cable and a re-charger

## AVAILABLE VERSIONS



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

**A NEW PLAYER IN THE MOTORSPORT INDUSTRY!  
LIGHTER AND FASTER THAN ANY COMPETITOR MODEL!**



**SQUARE DRIVE  
READY**



### 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

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



### AVAILABLE BATTERY COVER

Protects the battery from impact  
and prevents its unhook.

**MOTORSPORT SOCKET  
CONNECTION**

**AERONAUTICAL ALUMINUM**

**ERGONOMIC HANDLE**



**BATTERY LEVEL  
INDICATOR**

**LITHIUM ION BATTERY  
20.0 V D.C.**

## MANUAL



Operating and  
Maintenance  
Manual



# 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 &lt;0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah



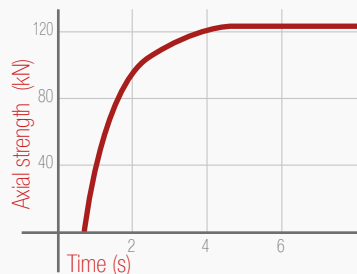
## HIGHLIGHTS

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

## AVAILABLE VERSIONS



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



## MANUAL



Operating and  
Maintenance  
Manual

NEW FLANGED SHAFT:  
MUCH MORE RELIABLE!



MOTORSPORT SOCKET  
CONNECTION

AERONAUTICAL ALUMINUM

LED LIGHT ON THE WORKING  
POINT DURING USE

ERGONOMIC HANDLE

## AVAILABLE

### BATTERY COVER

Protects the battery from  
impact and prevents its  
unhook.



BATTERY LEVEL  
INDICATOR

FAST BATTERY CHARGER

LITHIUM ION BATTERY 20.0 V D.C.



# 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)

## HIGHLIGHTS

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

## INCLUDED IN THE BOX

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

## ALSO AVAILABLE

### TYPHOON BRUSHLESS 3/4"

A.08.0058 (5 Ah)

A.08.0059 (6 Ah)

MAX TORQUE COPPIA MASSIMA	1000 Nm 738 ft-lb
------------------------------	----------------------

WEIGHT PESO	3,80 Kg 8.40 lbs
----------------	---------------------

LED LIGHT  
ON THE WORKING  
POINT DURING USE

BRUSHLESS MOTOR

ERGONOMIC HANDLE

FAST CORDLESS GUN

LITHIUM ION BATTERY  
20.0 V D.C.

## MANUAL



Operating and  
Maintenance  
Manual





# TYPHOON

## BEST PRACTICE

TOURING CARS

Product name	<b>TYPHOON 1/2"</b>
Product code	A.08.0006
Version	Cordless
Square drive	1/2"
Weight (with battery)	3.66 kg (8.07 lbs)
Length	231 mm (9.10")
Width	87 mm (3.42")
Height	290 mm (11.42")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	880 Nm (650 ft-lbs)

### ALSO AVAILABLE

Product name	<b>TYPHOON 3/4"</b>
Product code	A.08.0007
Square drive	3/4"
Weight (with battery)	3.70 kg (8.16 lbs)
Length	233 mm (9.17")
Max torque	1000 Nm (885 ft-lbs)

## HIGHLIGHTS

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

## INCLUDED IN THE BOX

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



## AVAILABLE

### BATTERY COVER

Protects the battery from impact and prevents its unhook.

## MANUAL



Operating and  
Maintenance  
Manual



# ROCKET

## BEST PRACTICE

TOURING CARS

Product name	ROCKET
Product code	A.08.0004
Version	Cordless
Square drive	1/2"
Weight (without battery)	2.15 kg (4,74 lbs)
Length	242 mm (9.5")
Width	80 mm (3.1")
Height	255 mm (10")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	540 Nm (400 ft-lbs)



## HIGHLIGHTS

- Light and compact
- Built-in torque selection system
- Six Torque Sections

## INCLUDED IN THE BOX

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

LIGHTER AND  
MORE COMPACT!



ERGONOMIC HANDLE



TORQUE  
SELECTION SYSTEM

LITHIUM ION BATTERY  
20.0 V D.C.

## MANUAL



Operating and  
Maintenance  
Manual





# TORNADO

## BEST PRACTICE

RALLY / OFFROAD

Product name	<b>TORNADO</b>
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

## HIGHLIGHTS

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

## INCLUDED IN THE BOX

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

# 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)

## HIGHLIGHTS

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

## INCLUDED IN THE BOX

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



LIGHTER AND  
MORE COMPACT!

ERGONOMIC HANDLE

LITHIUM ION BATTERY  
10.8 V D.C.

## MANUAL



Operating and  
Maintenance  
Manual

# 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](mailto:sales@paoli.net) and what is the recommended coupling between cordless and battery.



**TYPHOON BRUSHLESS**



**TYPHOON 1/2" - 3/4"**



**ROCKET**



**TORNADO**



**TOOLKIT**



**TYPHOON PLUS  
WITH TORQUE INDICATOR**



**TYPHOON PLUS**



**TYPHOON 1"**

## CONFIGURE YOUR STANDARD PACKAGE

### 1 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	A.08.0031	
Typhoon 1/2"	A.08.0009	
Typhoon 3/4"	A.08.0010	
Rocket	A.08.0011	
Tornado	A.08.0038	
Toolkit	A.08.0039	

### 2 Choose your battery pack

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



# MIX AND MATCH

## **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 PLUS**

PRODUCT CODE - SPLINE

A.08.0025

PRODUCT CODE - 1"

A.08.0027



## **TYPHOON 1"**

PRODUCT CODE

A.08.0015



## **TOOLKIT**

PRODUCT CODE

A.08.0039



## **TYPHOON BRUSHLESS**

PRODUCT CODE

A.08.0031



## **TYPHOON 1/2" - 3/4"**

PRODUCT CODE - 1/2"

A.08.0009

PRODUCT CODE - 3/4"

A.08.0010



## **ROCKET**

PRODUCT CODE

A.08.0011



## **TORNADO**

PRODUCT CODE

A.08.0038

## 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
	6.0Ah	B.50.0020



#### CHARGING TIME

Battery Pack	Battery charger	
	B.50.0002	B.50.0011
5.0Ah	120 min	80 min
6.0Ah	140 min	100 min



**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

# CASE AND SOCKETS

# MIX AND MATCH

## CASE

Hard case for Paoli cordless impact wrenches.

Designed to hold:

- Impact wrench
- Batteries
- Battery charger



Product name	Product Code
Rocket case	T.03.11.0015
Typhoon case	T.03.11.0014
Tornado case	T.03.11.0016



## SOCKETS

Super thin wall impact sockets

- Colour codes
- Square drive: 1/2"
- Designed for alloy wheels
- Ultra long life



PRODUCT CODE  
L02.EKITL.001



Colors

17 mm Blue  
*Blu*

19 mm Gold  
*Oro*

21 mm Red  
*Rosso*







# MOTORCYCLE SPORT

The new motorcycle wheel guns and accessories



# 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



## HIGHLIGHTS

- New carbon vanes
- Developed for 5 nuts
- Additional air exhausts to increase the speed
- Less powered on tightening

## AVAILABLE VERSIONS



Fast left hand version:  
loosens nuts tightened  
clockwise faster

**VERY FAST!**

*Wheel gun for both rear  
and front wheel.*

TWIN HAMMER MECHANISM

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

SQUARE DRIVE WITH SPRING PIN

AERONAUTICAL ALUMINIUM FRONT COVER

### SUGGESTED COUPLINGS & FITTINGS

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

## MANUAL



Operating and  
Maintenance  
Manual

## DP 1050



## DP 1040



## BUTTERFLY



PRODUCT NAME	DP 1050	DP 1040	BUTTERFLY
PRODUCT CODE	001050.00001	001040.00001	BUTTERFLY.001
SQUARE DRIVE	1/2"	1/2"	3/8"
BOLT RANGE	M10-M16	M10-M16	M10
MAX TORQUE	700 Nm (518 ft-lb)	650 Nm (479 ft-lb)	108 Nm (80 ft-lb)
WORKING TORQUE	100-600 Nm (74-444 ft-lb)	100-500 Nm (74-369 ft-lb)	10-100 Nm (10-75 ft-lb)
WEIGHT	1,3 kg (2.87 lbs)	1,3 kg (2.87 lbs)	0,53 kg (1.17 lbs)
FREE SPEED	9.000 rpm	9.500 rpm	12.000 rpm
MAX WORKING PRESSURE	<b>6,3 bar (91 psi)</b>	<b>6,3 bar (91 psi)</b>	<b>6,3 bar (91 psi)</b>
AIR INLET	1/4" NPT	1/4" NPT	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")	9,5 mm (0.374")	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	92 mm (3.62")	98 mm (3.86")	130 mm (5.11")

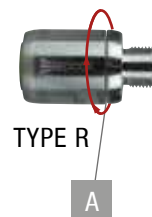
## AIR PRESSURE REGULATOR F4



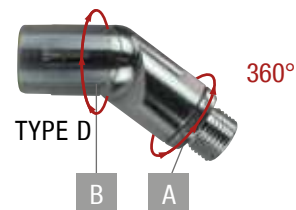
PISTON MECHANISM

CODE	B.40.0005	B.40.0030	B.40.0042
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm <sup>3</sup> /h	400 Nm <sup>3</sup> /h	500 Nm <sup>3</sup> /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	high	high	high
AIRJACK	•	•	•
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

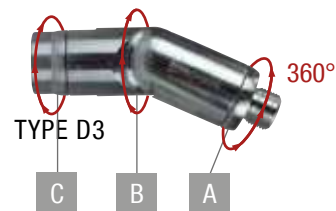
## TURNING CONNECTORS



TYPE R



TYPE D



TYPE D3

	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER
TYPE D	B.43.0001	3/8" BSP	11 mm
TYPE R	B.43.0003	3/8" BSP	11 mm
TYPE D3	B.43.0002	3/8" BSP	11 mm

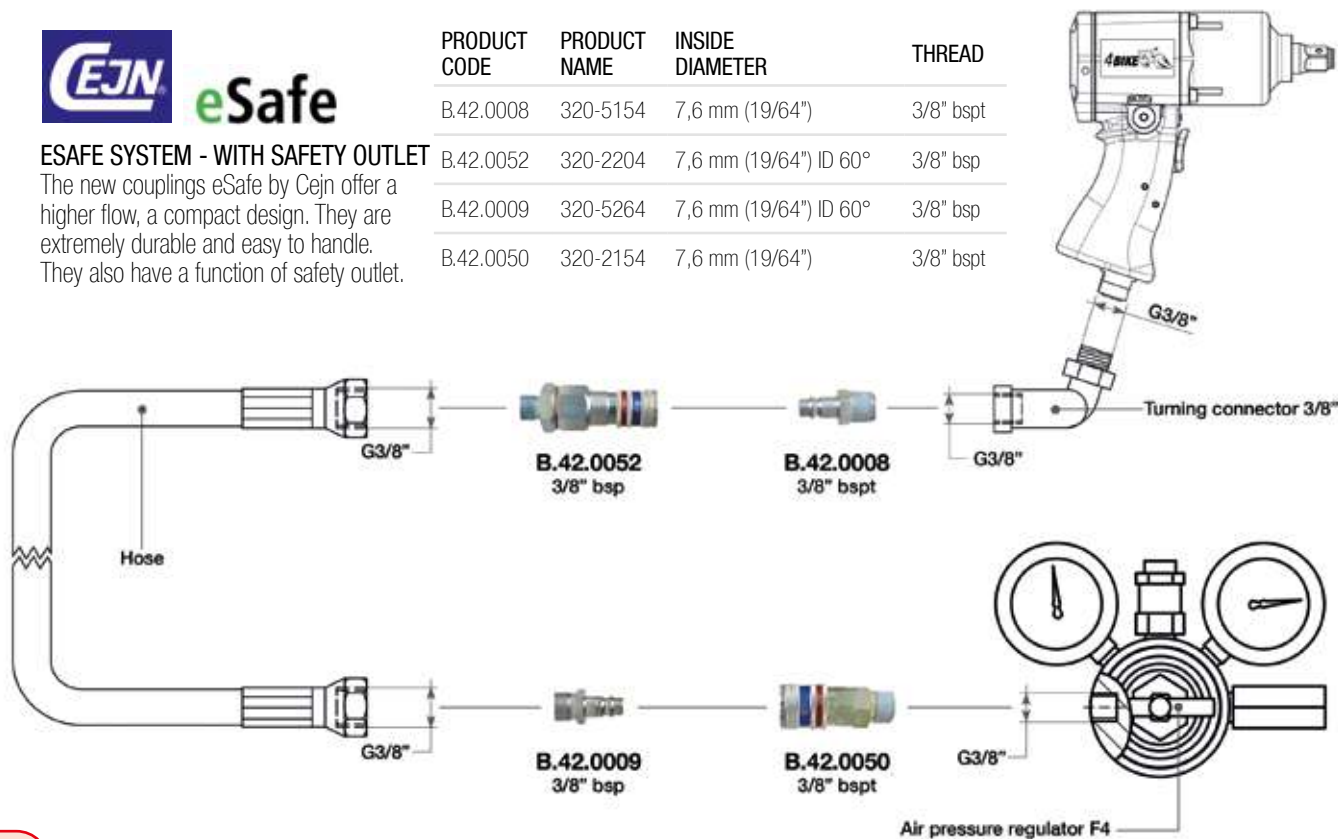
## QUICK RELEASE COUPLINGS 3/8"



### 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	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0008	320-5154	7,6 mm (19/64")	3/8" bspt
B.42.0052	320-2204	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0009	320-5264	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0050	320-2154	7,6 mm (19/64")	3/8" bspt



## HOSES



H75

Technical data - bore size: 13 mm,  
braid od: 23,5 mm, working pressure: 75 bar.

### A - SELECT LENGTH

CODE	LENGTH
B.41.1005	5 m
B.41.1006	6 m
B.41.1007	7 m

### B, C - SELECT COUPLINGS

	ANGLE	3/8"
Female	0°	B.41.5002
	45°	B.41.5005
	90°	B.41.5008

## COVERS



B.18.0006  
4BIKE  
TRANSPARENT  
PLASTIC COVER



B.18.0037  
DP1050  
RUBBER COVER

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

## AIR BOTTLE COMPRESSOR



DPH220

PRODUCT CODE	B.21.0102
PRODUCT NAME	DPH220
ENGINE	Single-phase Electric 2,2kW - 3,0HP
CAPACITY	100 l/min - 3,5 CFM - 6 m³/h
OPERATING PRESSURE	300 bar (4350 psi)
FILLING TIME	20' (air bottle 10 l - 0-200 bar)
NOISE LEVEL	79 dB
OVERALL DIMENSIONS	58x41x41 cm 22 7/8x16 9/64x16 9/64 inch
DRY WEIGHT	42,5 kg (93,7 lb)







# PAOLI SOCKETS

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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 aeronautical 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

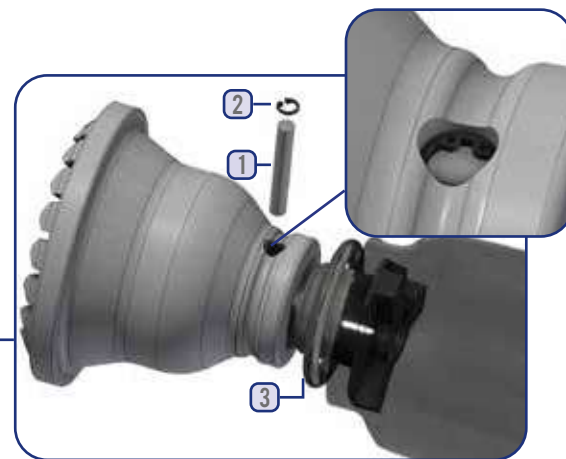
Innovative design, attractive  
shapes and aesthetically pleasing.

Accuracy in fitting the  
socket to the wrench  
(minimal clearance).

Also available in aeronautical  
aluminium, suitable for torque  
wrench applications.

## 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.



# “GHOST MAGNETS” TECHNOLOGY

We have developed the new wheel socket with “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 cannot be lost or damaged during use. It's an advanced technology also used in wheel sockets **developed for NASCAR** and **BMW M4 GT3**, but our plan is to apply it to all new Paoli wheel sockets equipped with magnets.



**GHOST MAGNETS**



**VISIBLE MAGNETS**

# SPLINE DRIVE TECHNOLOGY

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.





## SOCKET CONFIGURATOR

BEST PRACTICE	CODE	DRIVE	MATERIAL	STOCK	PAGE	BEST PRACTICE	CODE	DRIVE	MATERIAL	STOCK	PAGE
F488/F296	B.28.0104	Spline	Titanium	On stock	87	PORSCHE 911 RSR-19	B.28.0087	Spline	Titanium	On demand	100
	B.28.0107	Square 1"	Titanium	On stock	87	LAMBORGHINI HURACAN & AUDI RSR	B.28.0095	Square 1"	Steel	On demand	100
	B.28.0090	Spline	Titanium	On stock	88	F3	B.28.0034	Square 1"	Steel	On stock	93
	B.28.0106	Square 1"	Steel	On stock	88	FORMULA 2 - M.Y. 2024	B.28.0142	Spline	Titanium	On stock	93
	B.28.0136	Square 1"	Ergal	On stock	89		B.28.0143	Square 1"	Steel	On stock	93
	B.28.0058	Square 1"	Titanium	On demand	101	FORMULA 2 - M.Y. 2023	B.28.0116	Square 1"	Steel	On stock	94
HURACAN GT3 & AUDI R8 GT3	B.28.0108	Spline	Titanium	On stock	89		B.28.0111	Spline	Titanium	On stock	94
	B.28.0081	Spline	Steel	On stock	90	INDYCAR	B.28.0080	Spline	Titanium	On stock	97
	B.28.0050	Square 1"	Steel	On stock	90		B.28.0033	Square 1"	Titanium	On stock	97
PORSCHE 911 GT3-R	B.28.0139	Spline	Titanium	On stock	91	MERCEDES AMG GT3	B.28.0133	Square 1"	Titanium	On stock	95
	B.28.0140	Square 1"	Titanium	On stock	91		B.28.0137	Spline	Titanium	On stock	95
	B.28.0063	Square 1"	Titanium	On demand	99		B.28.0119	Square 1"	Aluminium	On demand	102
	B.28.0083	Spline	Titanium	On demand	99	BMW M4 GT3	B.28.0132	Spline	Titanium	On stock	96
PORSCHE 911 CUP	B.28.0052	Square 1"	Aluminium	On stock	92		B.28.0131	Square 1"	Titanium	On stock	96
						SUPER FORMULA	B.28.0062	Square 1"	Steel	On stock	92
						ASTON MARTIN	B.28.0144	Spline	Titanium	On demand	102



# ON STOCK

BEST PRACTICE → GT3 SERIES



## F488/F296

CODE	B.28.0104
DRIVE	Paoli Spline
MATERIAL	titanium
RETENTION SYSTEM	-
TEETH NUMBER	12



## F488/F296

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



### F488/F296

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



### F488/F296

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

## BEST PRACTICE → FERRARI CHALLENGE



### F488/F296

CODE	B.28.0136
SQUARE DRIVE	1"
MATERIAL	ergal
RETENTION SYSTEM	circlip
TEETH NUMBER	20

## BEST PRACTICE → GT3 SERIES



### HURACAN GT3 / AUDI R8 GT3

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



### HURACAN GT3

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



### HURACAN GT3

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



### GHOST MAGNETS SOCKETS – PORSCHE 911 GT3-R

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



### GHOST MAGNETS SOCKETS – PORSCHE 911 GT3-R

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

## BEST PRACTICE → PORSCHE CUP



**ALUMINIUM SOCKET:**  
ONLY FOR TORQUE  
WRENCH APPLICATION

### PORSCHE 911 CUP

CODE	B.28.0052
SQUARE DRIVE	1"
MATERIAL	aluminium
RETENTION SYSTEM	o-ring
TEETH NUMBER	15

## BEST PRACTICE → SUPER FORMULA



### SUPER FORMULA

CODE	B.28.0062
SQUARE DRIVE	1"
MATERIAL	steel
RETENTION SYSTEM	harmonic ring



## BEST PRACTICE → F3



### F3

CODE	B.28.0034
SQUARE DRIVE	1"
MATERIAL	steel
RETENTION SYSTEM	spring retainer

## BEST PRACTICE → FORMULA 2 - M.Y. 2024



B.28.0143

B.28.0142

### FORMULA 2 - M.Y. 2024

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



### FORMULA 2 - M.Y. 2023

CODE	B.28.0116
SQUARE DRIVE	1"
MATERIAL	steel
RETENTION SYSTEM	circlip and magnets
TEETH NUMBER	16



### FORMULA 2 - M.Y. 2023

CODE	B.28.0111
SQUARE DRIVE	Paoli Spline
MATERIAL	titanium
RETENTION SYSTEM	circlip and magnets
TEETH NUMBER	16



### MERCEDES AMG GT3

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



### MERCEDES AMG GT3

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



### GHOST MAGNETS SOCKETS - BMW M4 GT3

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



### GHOST MAGNETS SOCKETS - BMW M4 GT3

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



## INDYCAR

CODE	B.28.0080
DRIVE	Paoli Spline
MATERIAL	titanium
RETENTION SYSTEM	magnets and o-ring
TEETH NUMBER	20



## INDYCAR

CODE	B.28.0033
SQUARE DRIVE	1"
MATERIAL	titanium
RETENTION SYSTEM	magnets and o-ring
TEETH NUMBER	20

## PAOLI WHEEL NUTS



### COMPATIBLE WITH F488/F296

CODE	VERSION	DESCRIPTION
B.32.0030	LH - aerospace steel	with slots
B.32.0031	RH - aerospace steel	with slots



### COMPATIBLE WITH F488/F296

CODE	VERSION	DESCRIPTION
B.32.0026	LH - Ergal	with slots
B.32.0027	RH - Ergal	with slots

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





### PORSCHE 911 GT3-R

CODE	B.28.0083
DRIVE	Paoli Spline
MATERIAL	titanium
RETENTION SYSTEM	magnets
TEETH NUMBER	18



**RADIAL GRUB:**  
REDUCES THE GAP  
BETWEEN SOCKET  
AND SQUARE DRIVE

### PORSCHE 911 GT3-R

CODE	B.28.0063
SQUARE DRIVE	1"
MATERIAL	titanium
RETENTION SYSTEM	magnets
TEETH NUMBER	18

## BEST PRACTICE → GT3 SERIES



### PORSCHE 911 RSR-19

CODE	B.28.0087
DRIVE	Paoli Spline
MATERIAL	titanium
RETENTION SYSTEM	magnets
TEETH NUMBER	18

## BEST PRACTICE → GT3 SERIES



### LAMBORGHINI HURACAN & AUDI RSR

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

## BEST PRACTICE → GT3 SERIES



### F488/F296

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



## BEST PRACTICE → GT3 SERIES



### MERCEDES AMG GT3

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

## BEST PRACTICE → GT3 SERIES



### ASTON MARTIN

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

## SPLINE SOCKETS SERVICE KIT



CODE: B.23.0222  
Spline anvil-socket connection kit.

The kit includes:

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

## INSERT ADAPTERS



Recommened 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"

## SOCKET RINGS & RETAINERS



### WARNING!

The socket without the retainer can be dangerous if it gets out during the work!

FOR SOCKETS	PAGE	RETAINERS	RINGS
B.28.0063	99		
B.28.0052	92	B.30.01.0014	B.30.02.0004
B.28.0033	97		
B.28.0058	101		
B.28.0050	90	B.30.01.0014	B.30.02.0004
B.28.0062	97	B.30.01.0014	B.30.02.0008
B.28.0034	93	B.30.01.0014	B.30.02.0008









# **FAST REVERSE DEVICES**

Speed up your wheel gun shuttle motion



# 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 V4	E-SHUTTLE V7
Product code LH Version	B.23.0217	B.23.0228
Product code RH Version	B.23.0234	B.23.0229

## HIGHLIGHTS

- Ease of actuation
- 0.15s spool change
- Repeatability

## AVAILABLE ACCESSORIES

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



## 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 Fastshift is an active system. So, to activate the inversion, it is sufficient to release the lever.



# WHEEL GUN OPTIONS

---

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 MG, 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 MG,  
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 MG,  
SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II, DP  
5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.



## DOUBLE STAGE TRIGGER



B.23.0132

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

AVAILABLE FOR:

- 5000 TI MARK II
- 5000 TI MARK II TSA
- 4000 MG (only for models from January 2015)

## TRIGGERS



CODE	MATERIAL	AVAILABLE FOR
D.01.21.0070	Martensitic PH 17.4 Stainless Steel	HURRICANE - DP 6000 DP 5000 TI MARK II (90° angled handle)
D.01.21.0069	Martensitic PH 17.4 Stainless Steel	HURRICANE - DP 6000 DP 5000 TI MARK II (72° angled handle)
D.01.21.0028	Steel	DP 6000 - DP 5000 TI MARK II DP 4000MG
D.01.21.0027	PA w/ glass fiber	DP 6000 - DP 5000 TI MARK II DP 4000 MG
D.01.21.0001	PA w/ glass fiber [standard]	DP 5000 TI MARK II DP 4000 BIAS DP 4000 MG
D.01.21.0026	PA w/ carbon fiber	DP 6000 - DP 5000 TI MARK II DP 4000 MG

## 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.



Brackets for Paoli air pressure regulators



B.26.0028



3/8" fittings for Paoli impact wrenches



It is on swivel wheels for easy transportation

## PAOLI DISPLAYERS



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



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

## COVERS



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

Different embroidery color available on demand.

## COVERS



RAIN  
COVER

Rain protective cover made of rubber.

- Embroidery available in:



black

AVAILABLE FOR	PRODUCT CODE
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Typhoon Plus with torque indicator	
------------------------------------	--

Typhoon Plus	
--------------	--

B.18.0073

Typhoon 1"	
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BALLISTIC  
NYLON COVER

Technical fabric cover made of ballistic nylon.

Strong and durable, thick and resistant, new design

- Available in:



black



red



blue

AVAILABLE FOR	PRODUCT CODE
---------------	--------------

HURRICANE	
-----------	--

B.18.0047 black

B.18.0048 red

B.18.0049 blue

DP 6000, DP 5000 TI, DP 4000 MG	
---------------------------------------	--

B.18.0031 black

B.18.0032 red

B.18.0033 blue

B.18.0056 black

DP 3000 SUPERSPORT	
--------------------	--

B.18.0057 red

B.18.0058 blue



TRANSPARENT  
PLASTIC COVER

AVAILABLE FOR	PRODUCT CODE
---------------	--------------

HURRICANE	
-----------	--

B.18.0050

DP 6000 - DP 5000 TI - DP 4000 MG	
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B.18.0013

DP 5000 BIAS - DP 6000 BIAS	
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B.18.0043

DP 2000 S, SE	
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B.18.0000

DP 4000 BIAS	
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B.18.0024

SUPER SPORT	
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B.18.0023

DP 197 SFE	
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B.18.0001

DP 177 SFE	
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B.18.0003

DP 36 SF EVO - 4BIKE	
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B.18.0006

DP 5000 TI (with fast shuttle) DP 4000 MG (with fast shuttle)	
--	--

B.18.0030

## GRIP TAPES



T.02.0023



T.02.0030



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 MG, 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



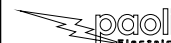
AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
SUPERSPORT NEXTGEN	LH Version T.02.0097	T.02.0088
	RH Version T.02.0099	T.02.0089
	UH Version T.02.0098	T.02.0090



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	UH Version T.02.0098	T.02.0095
DP 5000 TI MARK II		
DP 4000 MG		
DP 4000 30BAR		



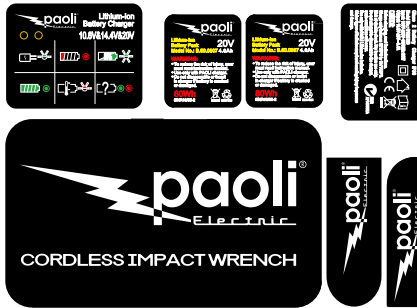
AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 2000 SE	LH Version T.02.0097	T.02.0091
DP 197 SFE	RH Version T.02.0099	T.02.0092
DP 177 SFE	UH Version T.02.0098	T.02.0093
DP 36 SF EVO		



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



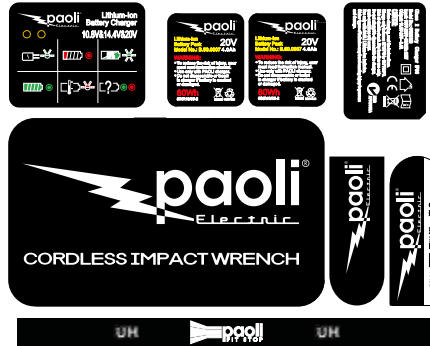
## LABELS



### AVAILABLE FOR

### PRODUCT CODE

TYPHOON BRUSHLESS	T.02.0215
TYPHOON 1/2"	T.02.0135
TYPHOON 3/4"	T.02.0148
ROCKET	T.02.0100
TORNADO	T.02.0230



### AVAILABLE FOR

### PRODUCT CODE

TYPHOON PLUS	T.02.0183, T.02.0098
TYPHOON 1"	T.02.0232, T.02.0098





UNDER.10

ISR  
FUEL  
STOP  
BOX



50 years a

50

RAVENHILL

baoli  
PIT STOP  
THE SPEED YOUR RACE

anniversary celebration  
anniversary celebration  
anniversary celebration

MAGSEAM  
SEAMLESS WALLING

# AIR SUPPLY SYSTEM

Equipment for the maximum power





# AIR SUPPLY SYSTEM



QUICK RELEASE  
COUPLINGS

124

138

AIR PRESSURE  
REGULATORS



TURNING  
CONNECTORS

132

152

AIR BOTTLES  
& TROLLEYS



HOSES

136

160

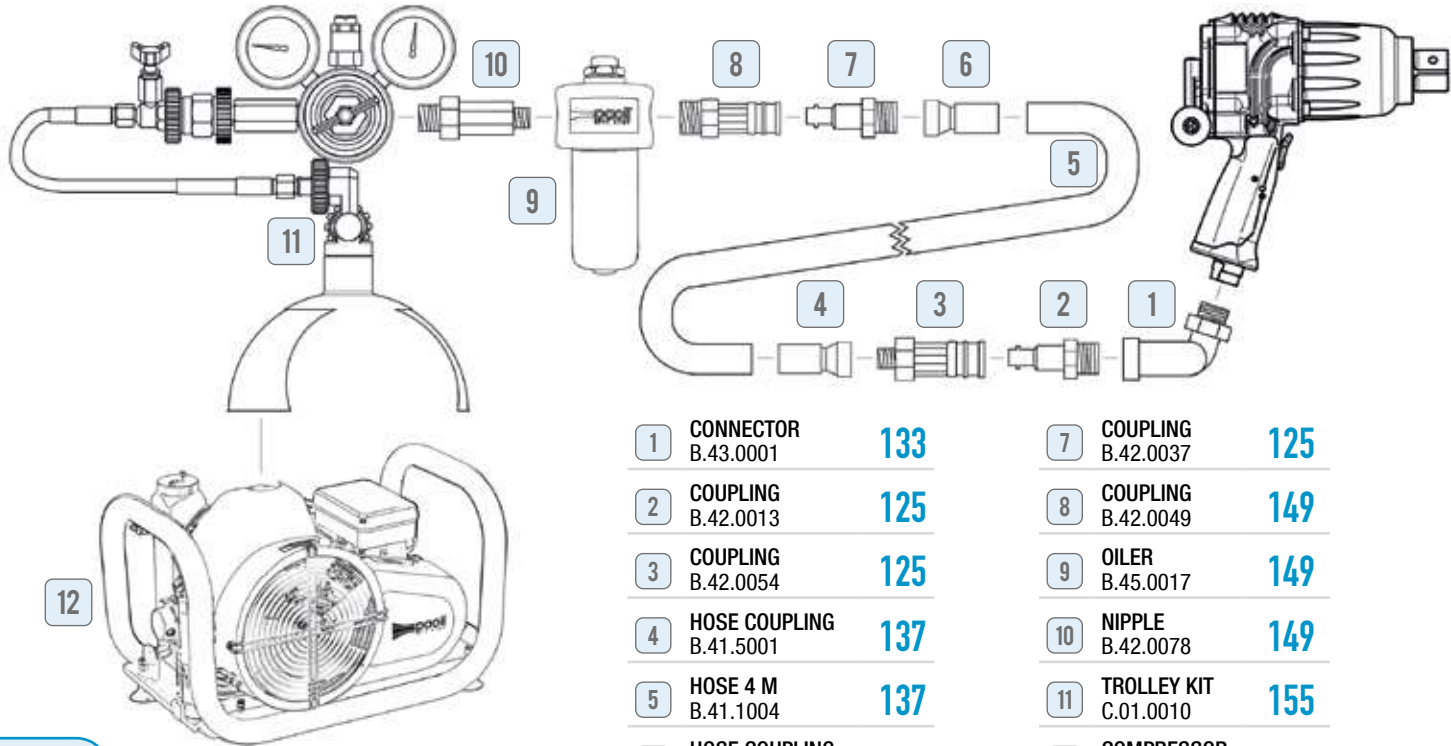
AIR BOTTLE  
COMPRESSORS



## RECOMMENDED PAOLI PIT STOP SYSTEM

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

1/2" FITTING

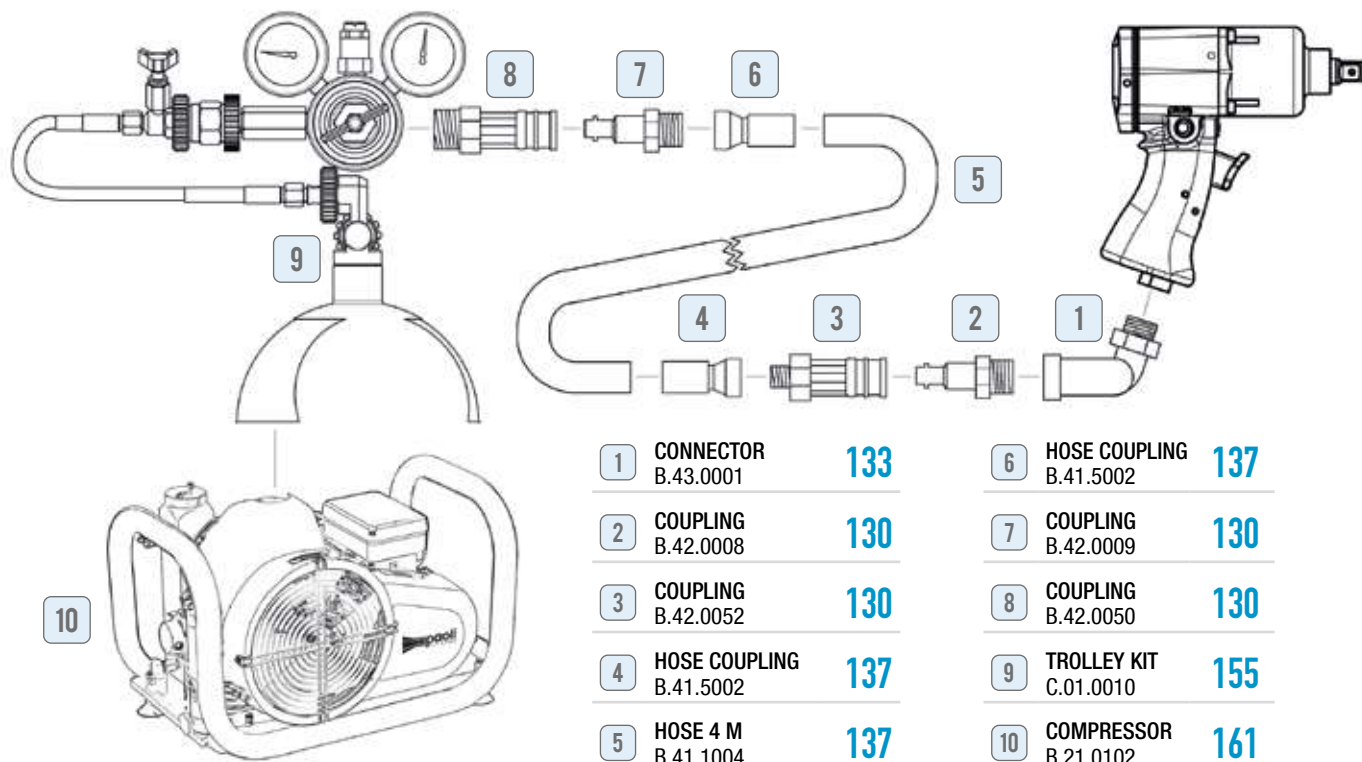




## RECOMMENDED PAOLI PIT STOP SYSTEM

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 MG • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

**tst**<sup>®</sup>EUROPE

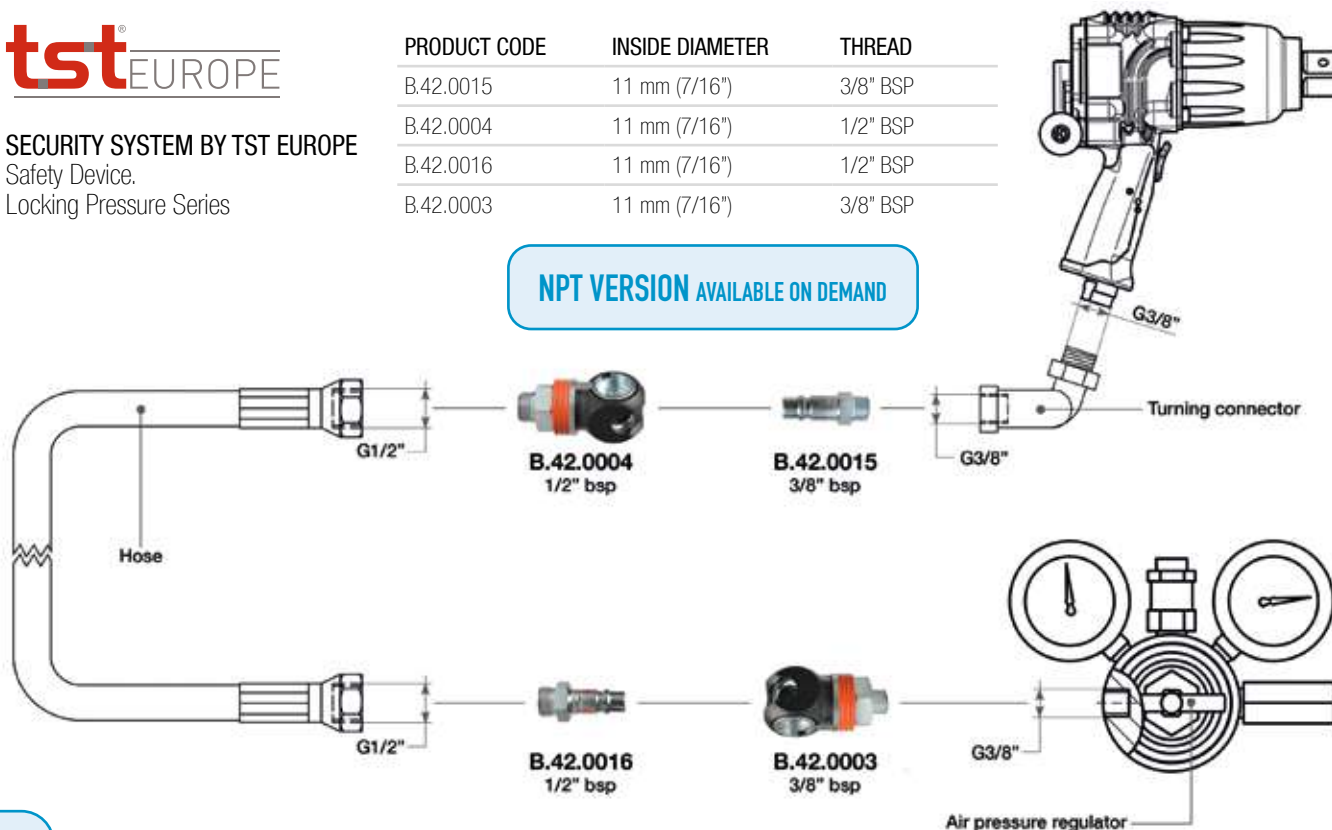
SECURITY SYSTEM BY TST EUROPE

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 MG • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE



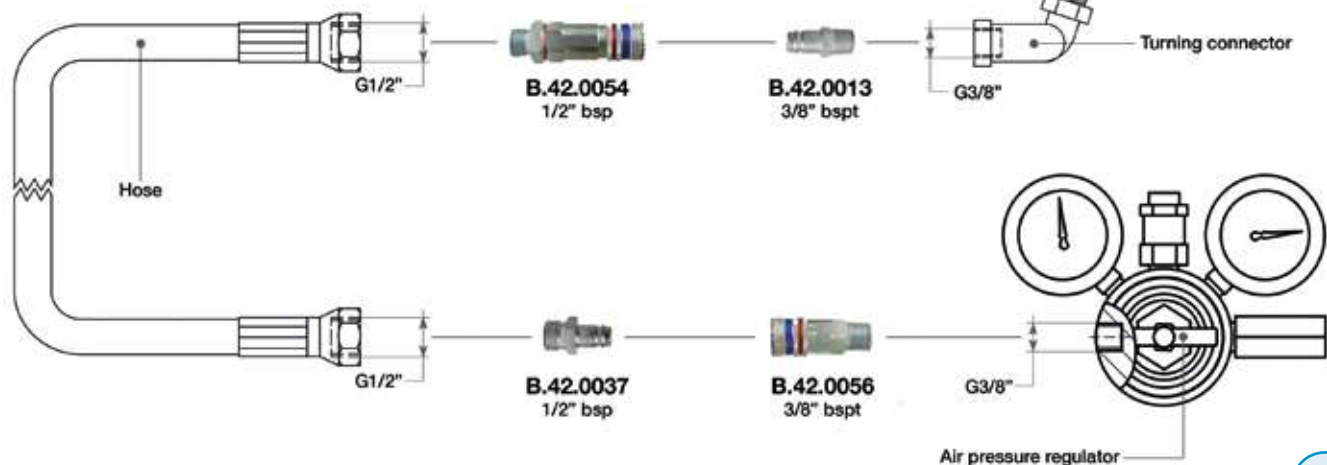
**eSafe**

### 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**



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

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

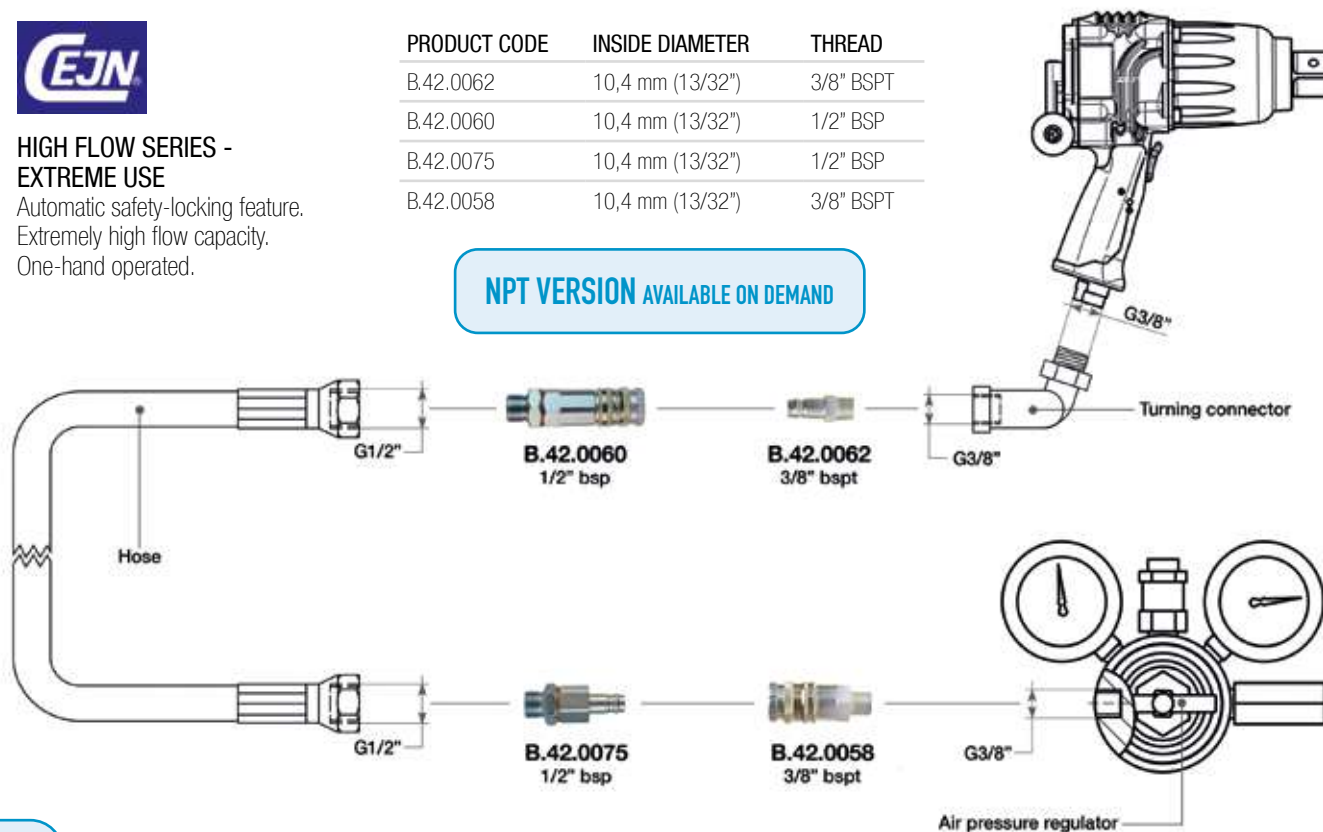


### HIGH FLOW SERIES - EXTREME USE

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**

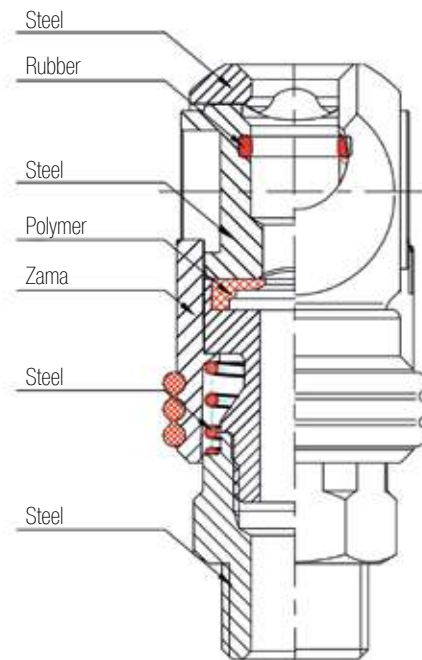




High technology materials

New colour codes

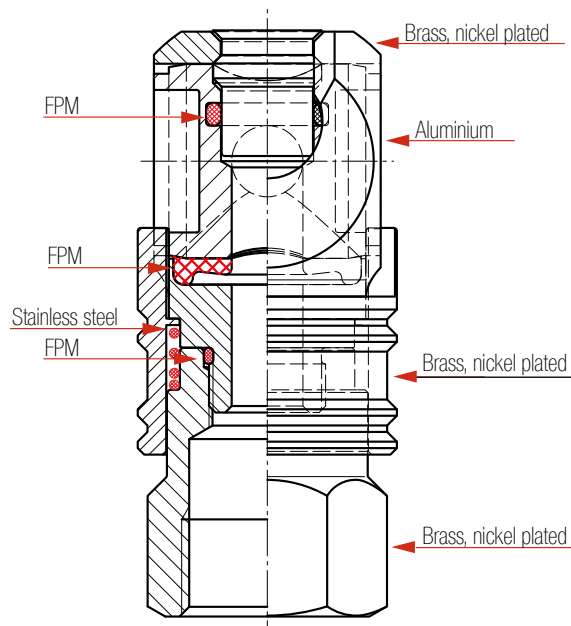
Available versions:  
3/8" - Code B.42.0001  
1/2" - Code B.42.0002



**NPT VERSION** AVAILABLE ON DEMAND



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



**NPT VERSION AVAILABLE ON DEMAND**



## QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

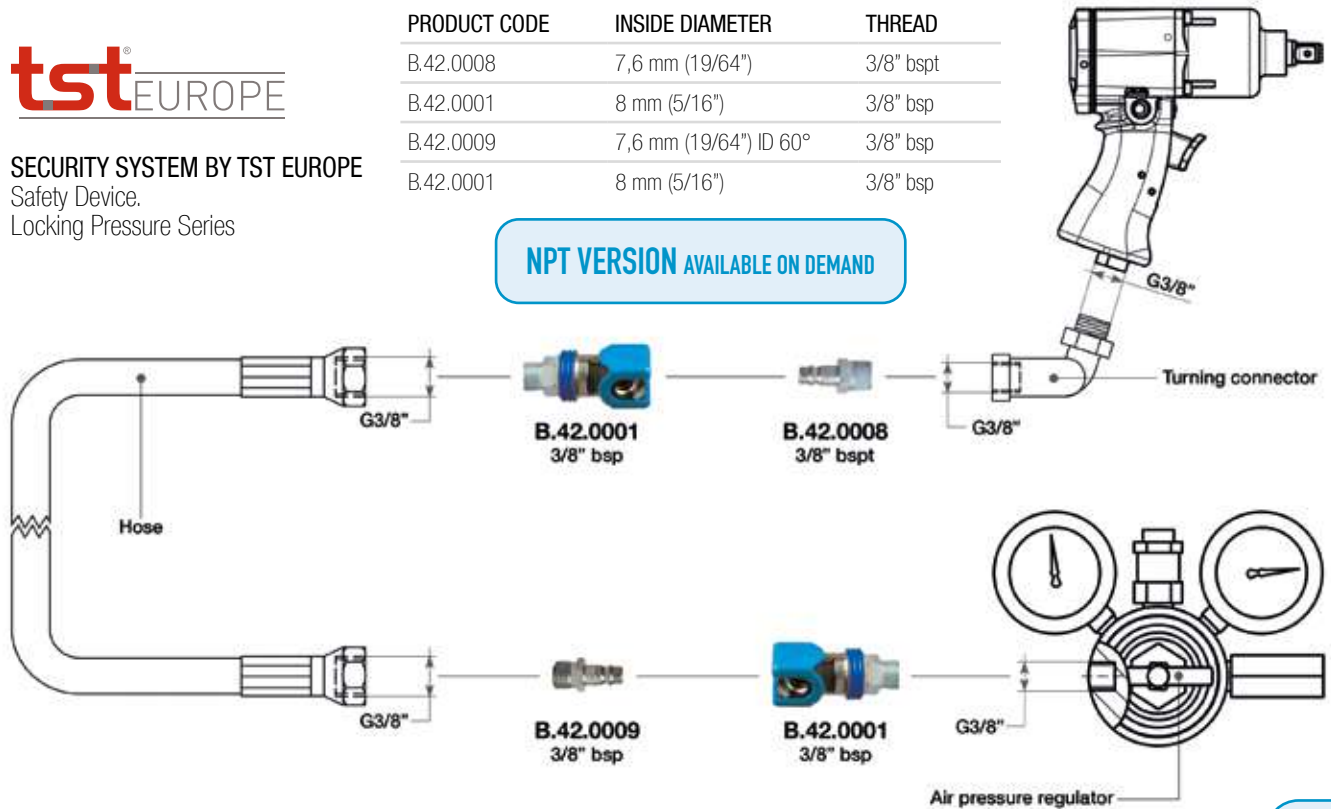
SUITABLE FOR: DP 36 SF EVO • 4BIKE

**tst** EUROPE

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**



## QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

SUITABLE FOR: DP 36 SF EVO • 4BIKE

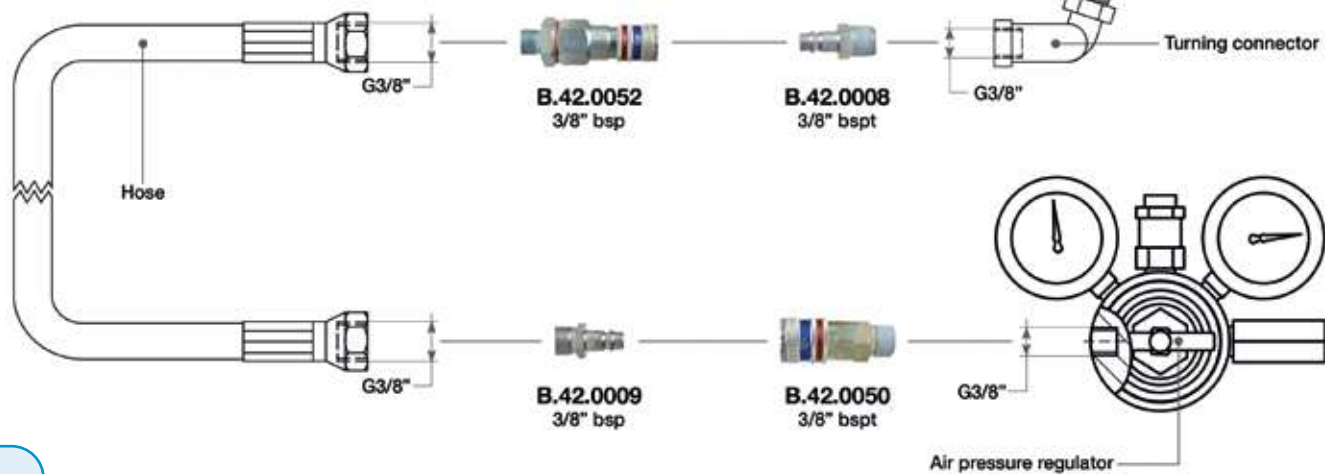


### ESAFE SYSTEM - WITH SAFETY OUTLET

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



## QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

SUITABLE FOR: DP 36 SF EVO • 4BIKE

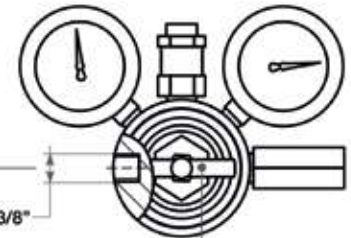
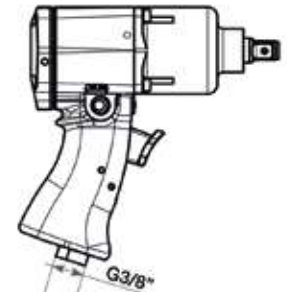
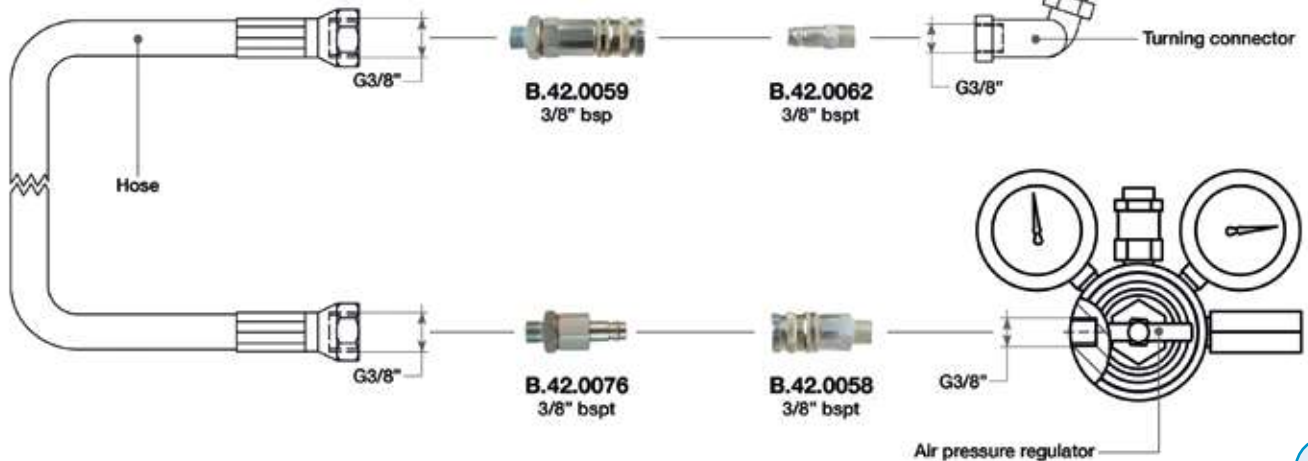


### HIGH FLOW SERIES - EXTREME USE

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°

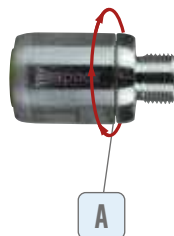
## TURNING CONNECTORS

WITHOUT TURNING CONNECTOR / SENZA RACCORDO GIREVOLE

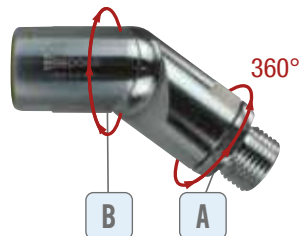
WITH TURNING CONNECTOR / CON RACCORDO GIREVOLE

**NO MORE  
TANGLED HOSES!**

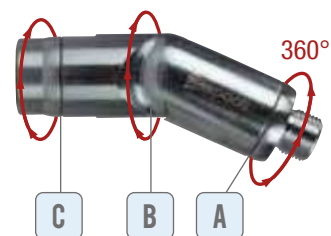
**TYPE R**



**TYPE D**



**TYPE D3**



	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER	TURNING	FLEXING HOSE CONNECTOR	TURNING
<b>TYPE D</b>	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°	
<b>TYPE R</b>	B.43.0003	3/8" BSP	11 mm	360°	--	
	B.43.0011	1/2" BSP	11 mm	360°	--	--
<b>TYPE D3</b>	B.43.0002	3/8" BSP	11 mm	360°	90°	360°
	B.43.0041	1/2" BSP	11 mm	360°	90°	360°





paoli

MADE IN ITALY



## WHIP HOSES



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



WHSC - B.20.01.0002  
Whip Hose w/Swivel Fitting



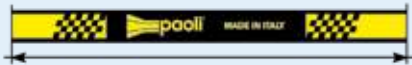
WHTC - B.20.01.0001  
Whip Hose w/360° Turning Connector

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.43.0003	B.41.0003	female

## 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

### 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	

B.41.0068



B.41.0071



B.41.0070



B.41.0069

### HOSE COVER

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

# 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.

## F4 FEATURES



### MANUAL



Operating and  
Maintenance  
Manual

- The “Paoli F4” air pressure regulator is the best seller model. It keeps high performances also when the bottle is almost empty. Max air flow superior to any other air pressure regulator!
- It grants constant air flow also at high pressures.
- It keeps high performances also when the air bottle is half empty.
- It gives very high air flow

## MODEL F1 / MODEL F2



**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

### MODEL F1

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 <sup>3</sup> /h	150 Nm <sup>3</sup> /h	200 Nm <sup>3</sup> /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			

### MODEL F2

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 <sup>3</sup> /h	150 Nm <sup>3</sup> /h	200 Nm <sup>3</sup> /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

### THE BEST SELLER MODEL!



PISTON MECHANISM

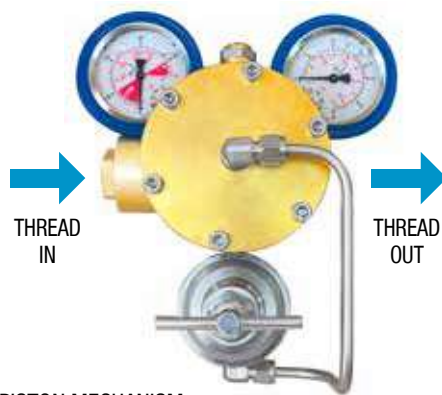
CODE	B.40.0005	B.40.0030	B.40.0042
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm <sup>3</sup> /h	400 Nm <sup>3</sup> /h	500 Nm <sup>3</sup> /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK	•	•	•
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

## MODEL F5



CODE	B.40.0103
INLET PRESSURE	350 bar
MAX FLOW (20 BAR/OUT)	500 Nm <sup>3</sup> /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	•

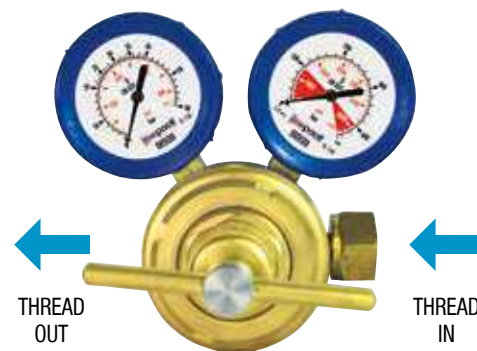
## MODEL F9 2.0



PISTON MECHANISM

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 <sup>3</sup> /h	400 Nm <sup>3</sup> /h	500 Nm <sup>3</sup> /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 <sup>3</sup> /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" BSPT
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	
BALANCED	

## RELIEF VALVE

NEW



Used to reduce pressure peaks occurring in the air supply circuit. The maximum pressure can be finely adjusted for each application.

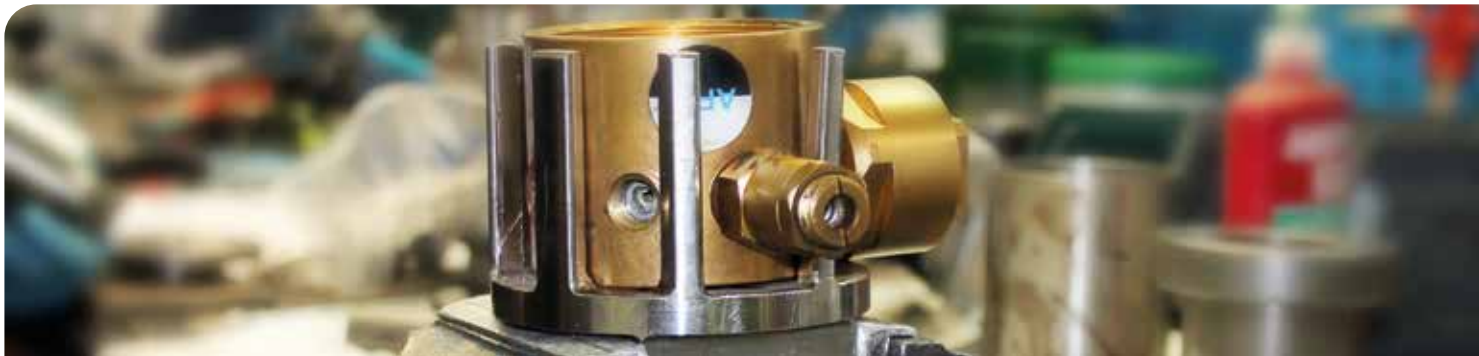
SET PRESSURE	15-25 bar
MAX FLOW (20 BAR/OUT)	400 Nm <sup>3</sup> /h

## AIR PRESSURE REGULATOR SERVICE FIXTURE

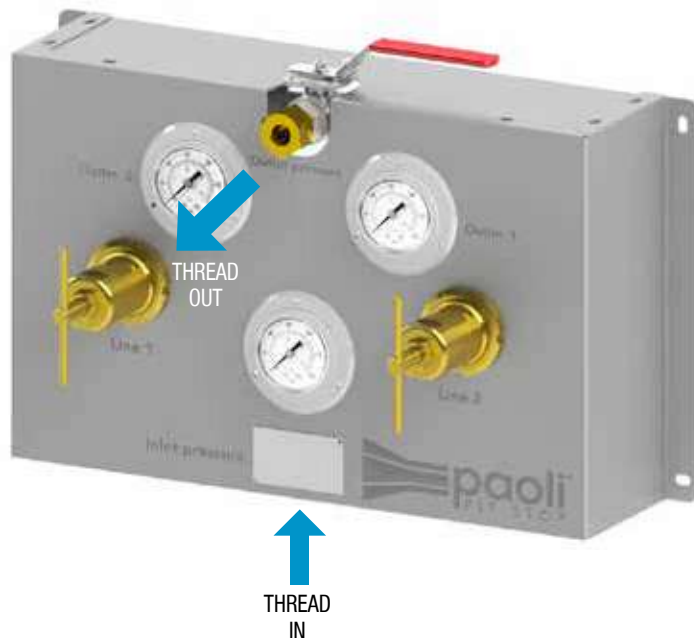


S.01.0161

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, F9 2.0 and F50.



## DUAL PRESSURE REGULATOR



### DUAL PRESSURE REGULATOR

CODE	B.40.0108	
INLET PRESSURE	200 bar	
RANGE PRESSURE OUTLET	2-25 bar	
GAUGES IN	0-400 bar	
GAUGES OUT	Line 1 0-60 bar	Line 2 0-60 bar
OVER PRESSURE VALVE SETTING	28,5-29,5 bar	
THREAD IN	1/4" BSP	
THREAD OUT	3/8" BSP	
FLOW	high	
AIRJACK		
HIGH FLOW FILTER		
BALANCED	•	

Manual dual pressure regulator to guarantee **DIFFERENT PRESSURES IN A FEW SECONDS**.

Thanks to the revolving handle positioned in the upper part and to the presence of two different pressure regulators **CALIBRATED AS NEEDED**, the operator can **EASILY SWITCH** from one regulator to another according to the need for pressure in tightening and loosening.

## AIR PRESSURE REGULATOR TESTING BENCH



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)

## SPEARE GUN AIR SUPPLY DEVICE



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 one gun at a time otherwise the air flow drops down very quickly.

Couplings not included.

## ANALOGIC GAUGES



B.40.0071



B.40.0072



B.40.0073



B.40.0074



B.40.0075



B.40.0076

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	0-6500 PSI	0-450 bar	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	0-400 PSI	0-28 bar	X	analogic
B.40.0076	63 mm	1/4" BSP	0-870 PSI	0-60 bar	X	analogic

## FIXING NUTS



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

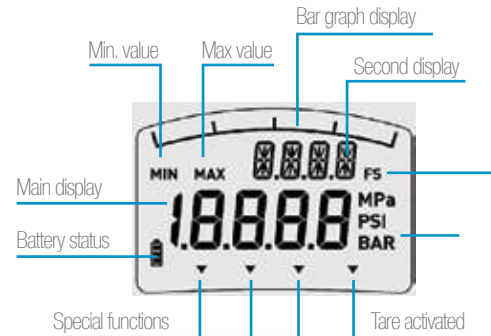
## DIGITAL GAUGES



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

**ROTATABILITY OF THE DISPLAY:**  
The display can be rotated through 300°, thus it can be read from almost any position. Therefore the gauge can also be used in situations where mounting is difficult.

### PRECISE AND QUICK READING OF THE DISPLAY



The robust stainless steel case and the battery power enable a flexible operation of the digital gauge. For a precise and quick on-site reading of a pressure value, a digital indicator is the ideal solution. The bargraph display and drag pointer function integrated into the display, as well as retrievable Min/Max peak values, enable effective analysis of the measuring point.

Thanks to the rotatable display, the digital pressure gauge can be easily adapted to difficult conditions. The backlighting also provides easy readability of the display in poor lighting conditions.

### FEATURES

- Battery operation (2 x 1.5 V AA cell)
- Min/Max memory function
- Unit switching: bar, psi, MPa
- Accuracy 0.5 % ± 1 digit

CODE	DIAMETER	CONNECTION	RANGE		DISPLAY
B.40.0085	80 mm	1/4" BSP	0-100 bar	0-1500 PSI	digital
B.40.0086	80 mm	1/4" BSP	0-600 bar	0-8700 PSI	digital

## HIGH FLOW FILTER



B.45.0005

### 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.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: 3/8" BSP male



## HIGH PRESSURE OILER



B.45.0017



Inlet and outlet  
reducer 3/4" to 1/2"

D.04.06.0037

New high pressure oiler with  
adjusting system and with  
sight glass to check the oil  
drops.

B.45.0003

### More speed and performance, increased lifing of your Paoli gun.

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

	B.45.0017	B.45.0003
MAX OPERATING PRESSURE	50 bar	25 bar
EFFECTIVE BOWL VOLUME	200 cm <sup>3</sup>	135 cm <sup>3</sup>
SIZE	1/2" BSP	3/4" BSP
MOUNTING POSITION	Vertical	Vertical
BOWL MATERIAL	AISI 316	Metal

### ACCESSORIES

The following accessories are essential to  
assemble the oiler:



#### NIPPLE

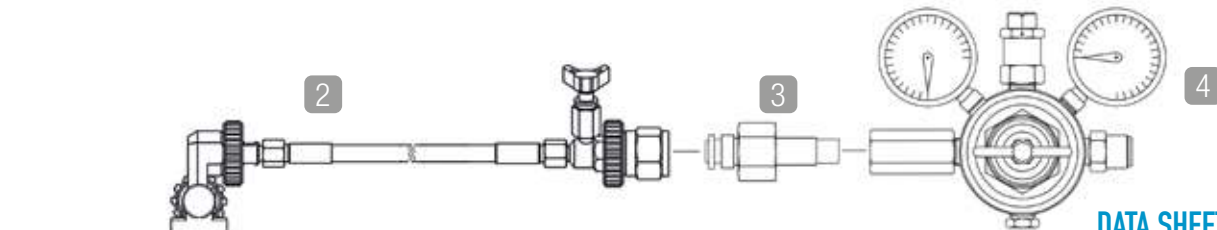
Product Code B.42.0078



#### COUPLING

Product Code B.42.0049

## AIR BOTTLE CONNECTORS



### DATA SHEET



Air Bottle  
Connectors  
Data Sheet

- 1 Air bottle
- 2 Air bottle hose
- 3 Air bottle connector
- 4 Air pressure regulator



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.01.0003	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	

## BOTTLE CONNECTION SUPPORT



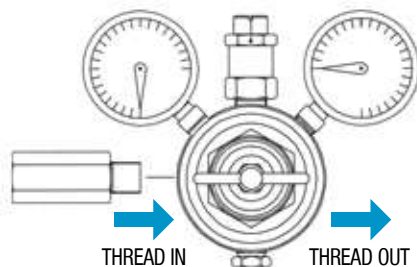
B.40.0008

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



## ADAPTERS



B.40.0056

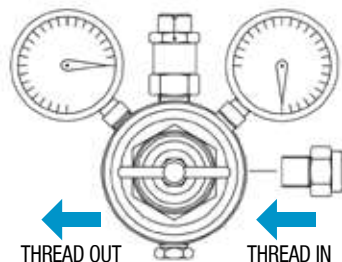
### NEW ADAPTER FOR PRESSURE REGULATORS

New adapter for air pressure regulators F40 and F15.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: M15x1 male



## AIR BOTTLE COVERS



### 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 BOTTLES

### SINGLE INLET BOTTLE



B.22.01.0000  
B.22.01.0002

### DOUBLE INLET BOTTLE



B.22.01.0003  
B.22.01.0001



C.01.0009

### MOBILE AIR BOTTLE

Ideal to restore the tire pressure.  
Equipped with: pressure gauge, air pressure regulator, hooking system on the belt.  
Tyre inflating gun not included.



### 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)

PRODUCT CODE	CAPACITY (LITRES)	PRESSURE (BAR)	CONNECTION	CONNECTION TYPE
B.22.01.0000	15	200	Single	INT - Female / DIN - Male
B.22.01.0003*	15	200	Double	INT - Female / DIN - Male
B.22.01.0002**	18	220	Single	INT - Female / DIN - Male
B.22.01.0001*/**	18	220	Double	INT - Female / DIN - Male
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



C.01.0003 Single



The single trolley  
can be converted  
in double trolley



C.01.0002 Double

The double trolley  
can be converted  
in single trolley

- 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  
micropallinated stainless steel chassis

The air pressure regulator  
is protected by a roll-bar

Double connection bottles  
for easy filling

Wheel gun holder

High pressure hose to connect  
the air bottle to the air pressure  
regulator.

Hose holder

C.01.0011

The kit includes:

- No. 1 double trolley
- No. 2 18 litres bottles with double connection
- No. 2 air bottle trolley kit
- No. 1 F4 air pressure regulator  
(DIN air bottle connector included)

Also available with 2 F4 air pressure regulators  
(code C.01.0013).

Large diameter wheels  
to overcome obstacles



It can be converted  
in single trolley

## SINGLE TROLLEY KIT

Extra-strong  
micropallinated 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

Wheel gun holder

Hose holder

C.01.0010

The kit includes:

- No. 1 single trolley
- No. 1 18 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F4 air pressure regulator  
(DIN air bottle connector included)

Large diameter wheels  
to overcome obstacles



## MINI TROLLEY KIT

Extra-strong 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

Hose holder

Large diameter wheels  
to overcome obstacles



C.01.0028

The kit includes:

- No. 1 single trolley
- No. 1 9 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F4 air pressure regulator  
(DIN air bottle connector included)

## AIR JACK TROLLEY KIT

Extra-strong steel chassis

Wheel gun holder

Double connection bottle  
for easy filling

A metal bar protects the new position  
of the air pressure regulator.

Hose holder

Large diameter wheels  
to overcome obstacles

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

Simplified steel chassis

A metal bar protects the new position of the air pressure regulator.

Double connection bottle for easy filling

Hose holder

Large diameter wheels to overcome obstacles

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.



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)



## 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.

## HIGH PRESSURE AIR BOTTLE COMPRESSORS



Automatic pressure regulator

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)



Pressure switch for automatic stop



Compressor hours-counter



Gauge, tap and non-return valve



Trolley handle



Automatic condensate drain with timer



Trolley wheels

## 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 46 1/2x21 1/4x27 5/32 inch	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 7/8x16 9/64x16 9/64 inch	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 3/4x15 3/8x16 9/64 inch	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

**NEW**



**DPH380-PLUS**



**DPH220-PLUS**



**DPH460-PLUS**

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT
B.21.0281	DPH380-PLUS	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-PLUS	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-PLUS	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

## FLIGHT CASES FOR PAOLI COMPRESSORS



PRODUCT CODE	DIMENSION	DESCRIPTION
B.48.0002	73x44x56 cm	for Paoli compressors DPH220
B.48.0003	88x54x70 cm	for Paoli compressors DPH460
B.48.0038	62,5x38x42,8 cm	for Paoli compressors DPH220-PLUS
B.48.0039	79,8x37x44 cm	for Paoli compressors DPH460-PLUS
B.48.0040	112x64x81 cm	for Paoli compressors DPH380-PLUS

## PROFESSIONAL TYRE INFLATING GUN

DTIG/1



**DIGITAL TYRE-INFLATING GUN**

Unit of measure:  
PSI, BAR, Kpa, Kg / cm<sup>2</sup>

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

## COMPRESSORS SERVICE KITS



### 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 250 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.

## COMPRESSORS FITTINGS



B.21.0065



STANDARD - B.21.0024



B.21.0064



B.21.0028



B.21.0007



B.21.0044

PRODUCT CODE	DESCRIPTION
B.21.0007	DIN 230
B.21.0024	DIN 300
B.21.0044	Italian Connector
B.21.0066	INT Yoke
B.21.0067	DIN/INT Reducer
B.21.0014	BC DIN 230
B.21.0028	BC Italian Connector
B.21.0065	BC INT
B.21.0064	BC DIN 300 USA
B.21.0025	BC DIN 300

## COMPRESSORS LUBRICANTS



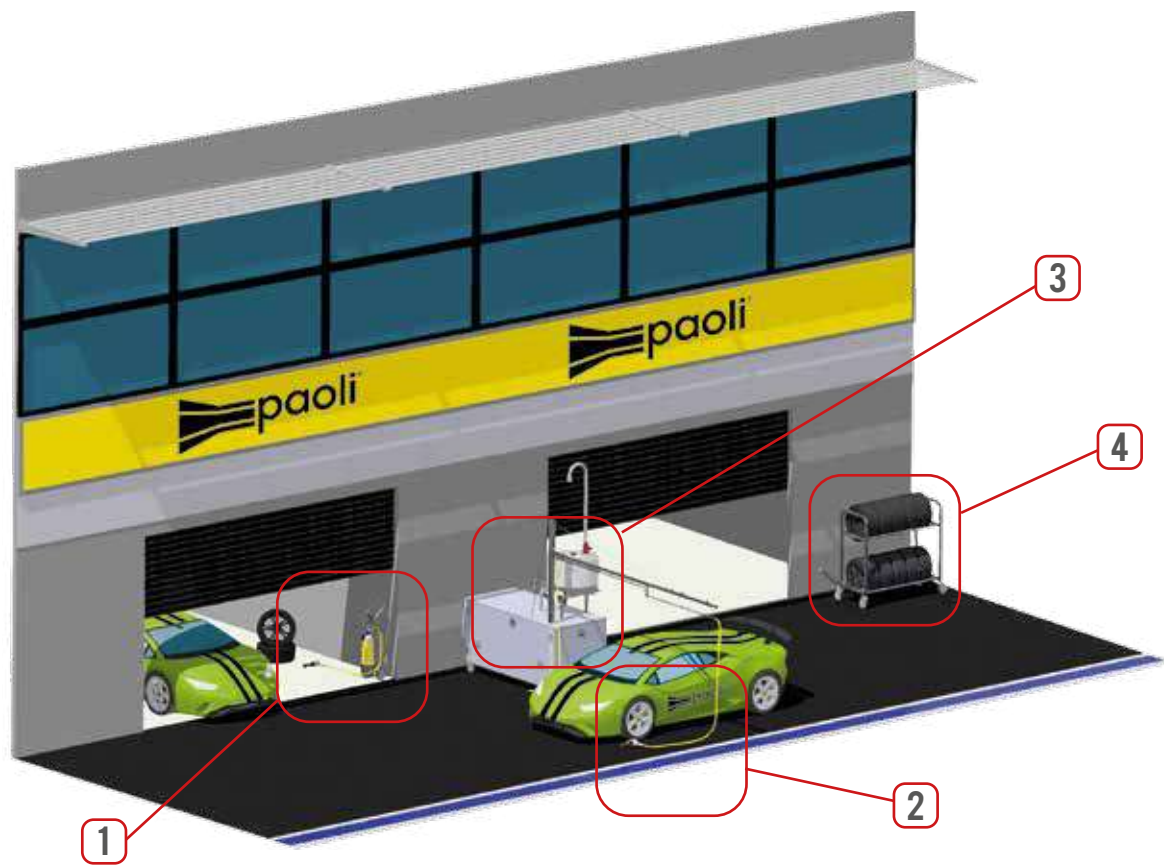
PRODUCT CODE	QUANTITY	DESCRIPTION
B.27.0001	1 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0003	0,5 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0002	1 l	Oil for compressor engine unit
B.27.0026	1 l	Oil for compressor pumping unit DPH220, DPH460, DPH380





# PIT EQUIPMENT

Paoli Pitlane Equipment



1



PAOLI SINGLE  
TROLLEY KIT

155  
194

REFUELING STATION

3



2



PAOLI  
HURRICANE

12

PAOLI HOSES

136

198

TYRE TROLLEY  
PRO SERIES

4



## AIRJACKS



LL-21 / LL-31  
"PROFESSIONAL"



PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-21	B.37.02.0006	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar
LL-21-PP	B.37.02.0007	230 mm	60 mm	68 mm	M60x1,5	562kg / 30bar
LL-21-150	B.37.02.0008	150 mm	60 mm	64 mm	M60x1,5	375kg / 20bar
LL-21-SP	On request					
LL-31	B.37.02.0009	230 mm	50 mm	53 mm	M50x1,5	488kg / 40bar
LL-31-150	B.37.02.0010	150 mm	50 mm	53 mm	M50x1,5	366kg / 30bar
LL-31-SP	On request					244kg / 20bar





LL-22 / LL-32  
"STANDARD"




PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-22	B.37.02.0014	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar
LL-22-PP	B.37.02.0015	230 mm	60 mm	68 mm	M60x1,5	562kg / 30bar
LL-22-150	B.37.02.0016	150 mm	60 mm	64 mm	M60x1,5	375kg / 20bar
LL-22-SP	On request					
LL-32	B.37.02.0017	230 mm	50 mm	53 mm	M50x1,5	488kg / 40bar
LL-32-150	B.37.02.0018	150 mm	50 mm	53 mm	M50x1,5	366kg / 30bar
LL-32-SP	On request					244kg / 20bar

## AIRJACKS

	PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-23 “PROFESSIONAL” 	LL-23	B.37.02.0011	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
	LL-23-PP	B.37.02.0012	230 mm	60 mm	68 mm	M60x1,5	
	LL-23-150	B.37.02.0013	150 mm	60 mm	64 mm	M60x1,5	
	LL-23-SP	On request					

	PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-24 “STANDARD” 	LL-24	B.37.02.0019	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
	LL-24-PP	B.37.02.0020	230 mm	60 mm	68 mm	M60x1,5	
	LL-24-150	B.37.02.0021	150 mm	60 mm	64 mm	M60x1,5	
	LL-24-SP	On request					

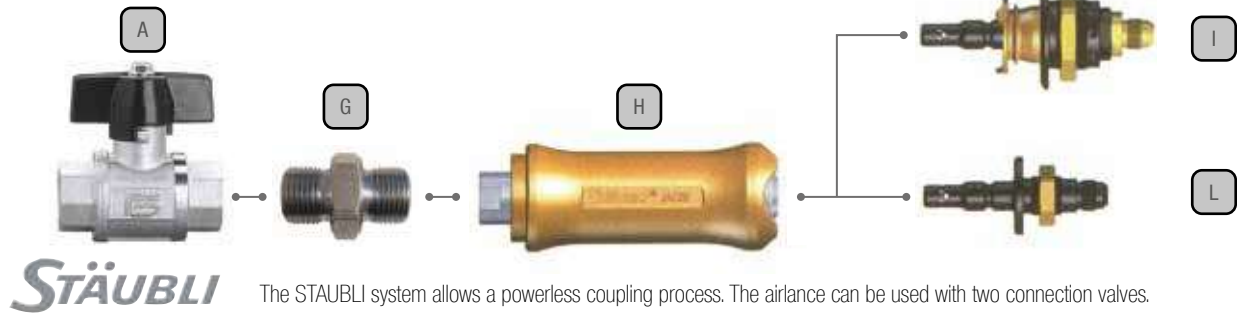
	PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
	JAC 06.9050	B.37.02.0001	236 mm	50 mm	53 mm	M50x1,5	488kg / 40bar 366kg / 30bar 244kg / 20bar
	JAC 06.9050/QE	B.37.02.0002	236 mm	50 mm	53 mm	M50x1,5	
	JAC 06.9060	B.37.02.0003	230 mm	60 mm	64 mm	M60x1,5	
	JAC 06.9060/PO	B.37.02.0004	230 mm	60 mm	68 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
	JAC 06.9060/QE	B.37.02.0005	230 mm	60 mm	64 mm	M60x1,5	

## AIRLANCE



**KRONTEC**  
Fitting & Hose Systems

The KRONTEC "easy-push" system allows a powerless coupling process. The airlance can be used with three connection valves.



**STÄUBLI**

The STÄUBLI system allows a powerless coupling process. The airlance can be used with two connection valves.



## AIRLANCE

	PRODUCT NAME	PRODUCT CODE	THREAD	OPERATING PRESSURE	SIZE
<b>A</b>		B.37.03.0006	3/8" BSP female	100 bar	
<b>B</b>		B.37.03.0007	M16x1,5 male 3/8" BSP male		
<b>C</b>	LL-03	B.37.01.0001	M16 x 1,5 female	0-40 bar	L 230 x D 37 mm
<b>D</b>	LL-16	B.37.03.0002	D-06 9/16-18 UNF	0-40 bar	L 86 mm
<b>E</b>	LL-13	B.37.03.0001	D-06 9/16-18 UNF	0-40 bar	L 81 mm
<b>F</b>	LL-16 plus	B.37.03.0003	D-06 9/16-18 UNF	0-40 bar	L 86 mm
<b>G</b>		D.04.06.0025	3/8" BSP male		
<b>H</b>	JAC 06.1102	B.37.01.0002	3/8" BSP female	15-40 bar	L 130 x D 48 mm
<b>I</b>	JAC 06.5655	B.37.03.0004	D-06	15-40 bar	L 102 mm
<b>L</b>	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.
- N-m, Kg f m, Lbf in, Lbf 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 gliding the slider on the scale to the required value.
- With graduated scale in N-m 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



## MISANO

### THE FIREPROOF HELMET! CARBON FIBER MODEL



VERSION WITH SHELL IN CCF  
(CARBON COMPOSITE FIBER)

- Shell in CCF (Carbon Composite Fiber)
- Fireproof painting
- Retractable visor with an anti-scratch coating
- Removable and washable inner lining. With fireproof materials (NOMEX)
- Magnetic buckle
- Fireproof kevlar chinstrap
- Helmet bag included

Certification: EN 1077 Class A

PRODUCT CODE	SIZE
B.38.04.01.0009	M (58)
B.38.04.01.0010	L (60)
B.38.04.01.0011	XL (61)
B.38.04.01.0012	XXL (63)

Customization for minimum batches and complete team supplies are available on request.

## MONZA

**BEST SELLER!**



VERSION WITH SHELL IN HTR  
(HIGH THERMOPLASTIC RESIN)

- Shell in HTR (High Thermoplastic Resin)
- Ultra-resistant painting
- New anti-fog and anti-scratch mirror visor equipped with a rubber trim
- Removable and washable inner lining.
- Micrometric buckle
- DAF ventilation system (Direct Air Flux)

PRODUCT CODE	SIZE
B.38.04.01.0001	M (58)
B.38.04.01.0002	L (60)
B.38.04.01.0003	XL (61)



B.38.04.01.0004

ALSO AVAILABLE: CHIN GUARDS  
Polyurethane Chin guards to protect from the cold and small bumps.  
Black.

## LE MANS



VERSION WITH NOISE PROTECTION  
EARMUFFS!  
(Code: B.38.04.01.0015)

- In-Mould rear shell technology with ABS front
- Integrated smoked visor
- Adjustable ventilation system
- Inner lining removable and washable
- Magnetic buckle
- 3M™ Earmuffs (Class 1)
- Adjustable size for a perfect fit
- Customizable colours
- Optional: radio headphones with microphone



ALSO AVAILABLE: VERSION  
WITH RADIO HEADPHONES  
(Code: B.38.04.01.0016)

Customization for minimum batches and complete team supplies are available on request.

## TYRE SCRAPER



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.

- 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











### 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

PRODUCT NAME	PRODUCT CODE	SIZE	COLOURS	NOTE	
FAST FIT®	B.38.01.01.0002	M	black	Easy On/Off Fit Glove - With improved contours for a better fit, the Fast Fit® Glove is the tool to use for everyday jobs. The glove incorporates a Clarino Synthetic Leather palm, stretch panels between the fingers, two-way stretch Spandex padded back increases protection. A new taller cuff has been added to provide for additional protection and a more secure fit. Performance plus economy. Machine washable.	 
	B.38.01.01.0003	L			
	B.38.01.01.0004	XL			
M-PACT® 2	B.38.01.01.0026	M	black	Heavy Duty Glove - For super protection and an unbelievable fit, try the M-Pact® 2 Glove. Anatomically designed with advanced features that include tapered stretch side panels that form comfortably between fingers and a molded Neoprene cuff for a seamless fit to your wrist. It also has an integrating impact absorbing molded rubber finger protection and EVA deep ribbed accordion knuckle protection. This glove has it all. Machine washable.	 
	B.38.01.01.0027	L			
	B.38.01.01.0028	XL			
ORIGINAL® GLOVE	B.38.01.01.0006	M	black	All-Purpose Glove - Designed and manufactured to take on the toughest tasks you can throw at it, the Original® Glove provides a winning combination of versatility and performance. The Clarino Synthetic Leather palm and fingertips extends the life of the glove while the Thermal Plastic Rubber hook and loop cuff closure and two-way stretch Spandex top provides a perfect fit. Machine washable.	 
	B.38.01.01.0007	L			
	B.38.01.01.0008	XL			
	B.38.01.01.0011	L	red		
	B.38.01.01.0012	XL			
	B.38.01.01.0014	M	blue		
	B.38.01.01.0015	L			
ORIGINAL® VENT	B.38.01.01.0023	L	black	Fully Ventilated Glove - Improved design. Designed for hot or humid conditions, the Original® Vent Glove gives you a single-layer of lightweight air mesh on the top to minimize heat build-up while it's perforated Clarino Synthetic Leather palm and fully ventilated construction keeps the entire hand comfortable and cool. A new taller cuff with an improved rubber closure system gives you the confidence you need when the heat is on. Machine washable.	 
	B.38.01.01.0024	XL			



### 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 sylicon area for the wheel gun operations.

#### Technical Details:

- Back: Single layer
- Palm: Superthin
- Internal Stitching
- Suede leather palm insert for heat protection
- Sylicon Wheel gun protection
- Knuckles protection
- Padded wrist strap
- Precurved design
- Printed logos
- Sizes: 9-13
- Homologation: FIA 8856-2018

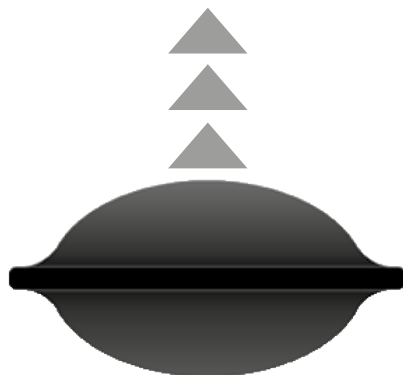


## PIT EQUIPMENT

Car lifts for racing applications

## LIFTS

## 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

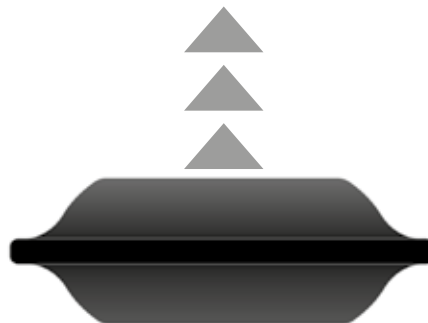
PRODUCT NAME	PRODUCT CODE	DIMENSIONS cm	WEIGHT kg	WORKING PRESSURE		AIR REQUIREMENT l/min	MAX LIFTING CAPACITY		MAX LIFTING HEIGHT	
				bar	psi		t	pounds	cm	inches
SLK1	B.37.09.01.0001	15 x 15	0.55	8	116	5	1.1	2425.1	8	3.1
SLK3	B.37.09.01.0002	22.5 x 22.5	1.25	8	116	15	2.7	5952.5	13	5.1
SLK6	B.37.09.01.0003	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	l/min	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 LIFT

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)



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	<b>900 mm</b>	<b>600 kg</b>
B.37.05.03.0002	Air Jack Trolley - With paddle shovels	7,5 bar	10 bar	780 mm	<b>600 kg</b>
B.37.05.03.0003	Air Jack Trolley - With fork shovels	7,5 bar	10 bar	700 mm	<b>600 kg</b>
B.37.05.04.0005	Air Jack Trolley - Without shovels	7,5 bar	10 bar	-	<b>600 kg</b>

## ELEPHANT LEG



LL-20 CL

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK
	LL-20 CL	B.37.04.0007		60 mm	LL-21, LL-22, LL-23, LL-24
<b>TWO-STAGE ELEPHANT LEG</b> <i>KRONTEC</i>	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
<b>TWO-STAGE ELEPHANT LEG</b> <i>STÄUBLI</i>	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

## AIRJACK SAFETY PROP



LL-90 - LL-91

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK
	LL-90	B.37.04.0001	230 mm	60 mm	LL-21, LL-22, LL-23, LL-24
<b>ONE STAGE</b> <i>KRONTEC</i>	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
<b>ONE STAGE</b> <i>STÄUBLI</i>	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



## DPLIFT 40Q



Manual hydraulic trolley jack.

The pump is manually operated by handle movement. The pedal control is used for a quick approach.

- Lightweight and easy to handle.
- With pedal control for a quick approach

PRODUCT CODE	B.37.05.01.0025
CAPACITY	2.2 ton
NET WEIGHT	31 Kg - 68 lb
MAX STROKE	415 mm - 16.3 in
MIN. HEIGHT	80 mm - 3.1 in

CHISELINER

BY BENAUER 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®**

Caseliner Pitlane Equipment





### 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 apractical 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)





### 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.

Chairs 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.

Chairs 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.



### 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")
- doublesliding doors fridge



**NEW**

### PC TELEMETRY CASE 6-8

The latest edition of our PC TELEMETRY CASE 6-8 in the basic assembly with 6x 24" LCD/TV monitors. This set can be increased by another 2x 32" LCD/TV extension. Ergonomic positioning of the TV monitors, including a practical bus for HDMI and USB connectors. Many storage areas and space for PCs, laptops and printers. Also includes 5 pull-out drawers. Includes 3 pull-out work surfaces. You can clip two side tables on the left and right.



### PC TELEMETRY CASE 3

The mobile office PC TELEMETRY CASE 3 is applicable in various fields. The case has locking lids, in which LCD or LCD / TV monitors are placed. Pull-out work surface for keyboard and mouse, printer. Suitable for processing telemetry, mobile offices, etc. All our CASELINER flight cases are built using the best available materials and are designed to give years of hassle-free protection. The dimensions of the transport size are 1775 x 605 x 890 mm.



### PC TELEMETRY CASE 2

The mobile office PC TELEMETRY 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.



## TOOLBOX UNI B1

The basic module UNI B1 has a workbench that can be attached on the left or right. Workbenches can be combined with all types of the UNI concept series. The standard colour is black and silver hardware. The limited B&W series is available exclusively in white and black. On request we can combine any colour of plywood and silver or black hardware.

- small container = 60x40x12cm / inner 57x37x11,5cm
- large container = 60x40x32cm / inner 57x37x31,5cm
- width 470mm / depth 735mm / height 1005mm
- EURO boxes are supplied in grey as standard
- EURO boxes in black are designed for transporting electronic devices. The material is soft and anti-static. Only on request.



## TOOLBOX UNI DB2

Universal combo set, pull-out tool drawers and EURO spare parts boxes. Complete with two side tables. Suitable for every team. The standard colour is black and silver hardware. The limited B&W series is available exclusively in white and black. On request we can combine any colour of plywood and silver or black hardware.



## 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 modul depth 505mm )
- can be fitted with a locking door.
- can be supplemented with drawers

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 OPTIMUM SET

- OPTIMUM A: 670x600x850 mm  
(26,37"x23,62"x33,46")
- OPTIMUM B: 670x600x850 mm  
(26,37"x23,62"x33,46")
- WORK DESK: 2000x450 mm  
(78,74"x17,71")



## TOOLBOX UNI B4

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

## 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 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 refuelling 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



## FOR TEST APPLICATIONS



### ROTARY BOOM INOX IB100S

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/DRAIN 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)



### 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.



### 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.



### REFUELLING BOTTLE CL25D & TROLLEY CL25F

Caseliner Refuelling Bottle CL25D is a standard 25L tank and double PP20M valves.



### REFUELLING BOTTLE CL25D-45 & TROLLEY CL25F

Caseliner Refuelling Bottle CL25D-45 is a standard 25L tank and double PP20M valves with 45° angle hose.



### STAUBLI TILTED BOTTLE & TROLLEY ST25

25 L refueling bottle STAUBLI – SAF45.1025/RO/JKV. 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 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 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



## 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 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 2,3 m. 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



### 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



### 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.







# PRODUCT CARE

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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.


## WHEEL GUNS 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.			✓	

## WHEEL GUNS 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 MG	R.01.01.01.0032	R.01.01.01.0033	R.05.01.01.0001	
SUPERSPORT NEXTGEN	R.01.01.01.0066	R.01.01.01.0067	R.01.01.01.0001	
SUPERSPORT	R.01.01.01.0030	R.01.01.01.0031	R.05.01.01.0001	
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	

## WHEEL GUNS SERVICE CODES

	<b>S</b>	<b>R</b>	<b>T</b>	<b>C</b>	
DP 2000 SE	R.01.01.01.0001	R.01.01.01.0002	R.05.01.01.0001	LH 	RH R.02.01.01.0009
DP 2000 S				RH 	LH R.02.01.01.0010
DP 2000				UH 	RH R.02.01.01.0012
				UH 	LH R.02.01.01.0011
DP 197 SFE	R.01.01.01.0009	R.01.01.01.0010	R.05.01.01.0001	LH 	RH R.02.01.01.0016
DP 197 SF				RH 	LH R.02.01.01.0017
DP 197 S				LH / RH 	UH R.02.01.01.0033
DP 196 S					
DP 176 SFE	R.01.01.01.0046	R.01.01.01.0047	R.05.01.01.0001		
DP 177 SF					
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		

NOTE: just if no major parts need to be replaced, otherwise a new estimate of cost will be sent

## ELECTRIC GUNS 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 & 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



## 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

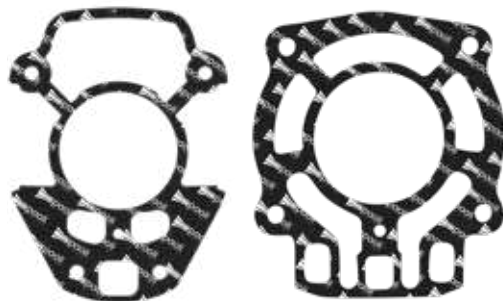
## SERVICE KIT



CODE	PRODUCT NAME	AVAILABLE FOR
B.23.0232	KITHURRICANE20	HURRICANE 2.0
B.23.0170	KITHURRICANE	HURRICANE
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	KIT4000MG	DP 4000 MG
B.23.0048	KIT4000	DP 4000
B.23.0107	KIT4000BIAS	DP 4000 BIAS
B.23.0001	KIT2000S	DP 2000 S, SE
B.23.0240	KITSUPERSPORTNEXTGEN	SUPERSPORT NEXTGEN
B.23.0089	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.

## THREE-LAYER REAR GASKETS



### 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 aluminum 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

## SERVICE TOOLS



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

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

## MONOLITHIC PIN



- 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 MG, DP 5000 TI MARK II, DP 4000 30BAR, DP 2000 SE, DP 3000 SUPERSPORT

## WHEEL GUN LUBRICANTS



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 GUNS 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](http://www.paoli.net)

# WHEEL GUN CONFIGURATION

CUSTOMIZE YOUR  
PAOLI WHEEL GUN

WHEEL GUN		HANDING			SPLINE MODEL	SHUTTLE MOTION		COVER MATERIAL	
		LH	RH	UH		3PORT	2PORT	CARBON	ALUMINIUM
HURRICANE 2.0		 <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"/>
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"/>
DP 6000 BIAS		RH & LH VERSIONS IN A SINGLE GUN				 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>

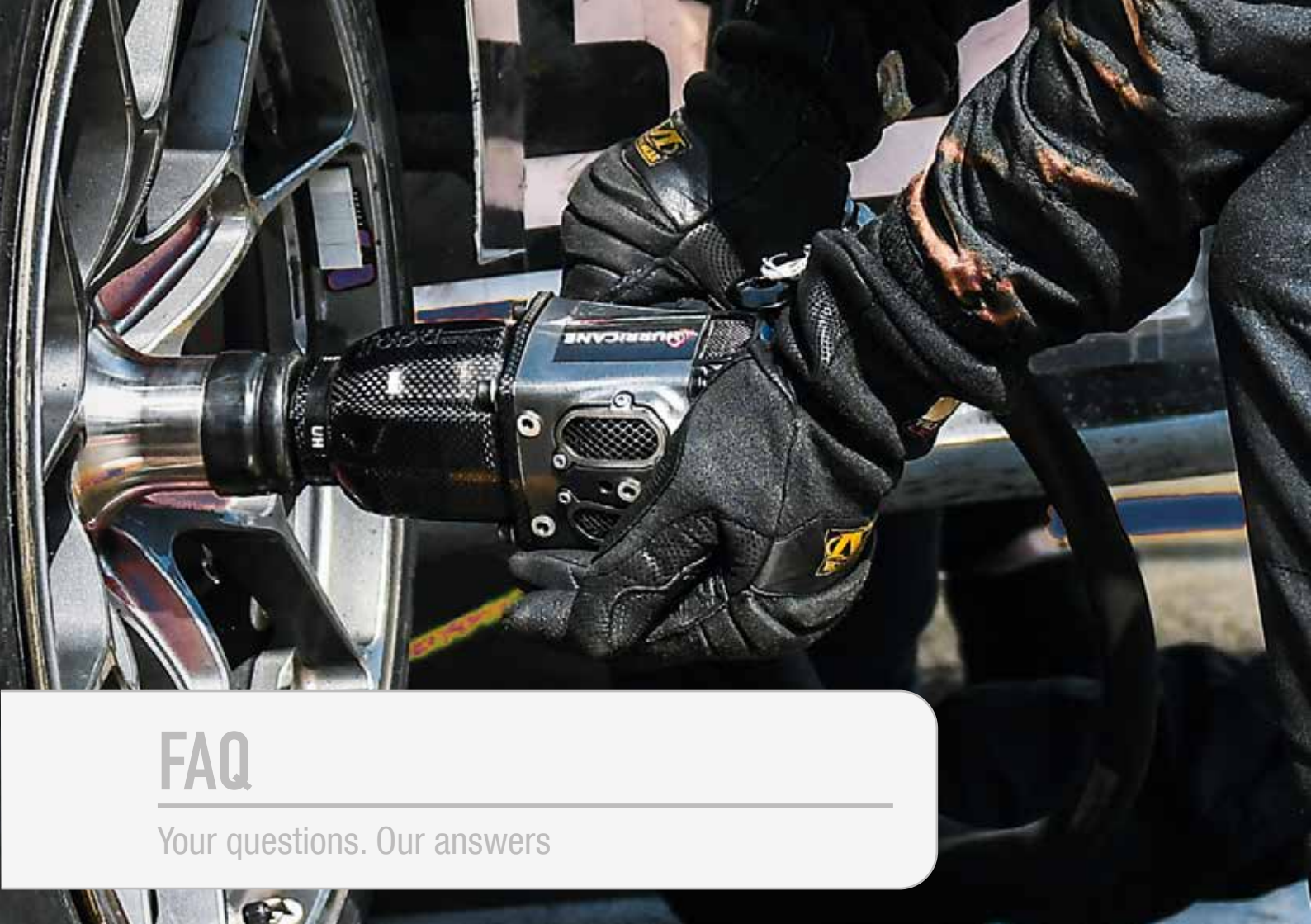
PLEASE, PUT A TICK IN THE REQUIRED BOXES AND SEND THE DOCUMENT AT [SALES@PAOLI.NET](mailto:SALES@PAOLI.NET).

WHEEL GUN		HANDING			SHUTTLE MOTION		COVER MATERIAL	
		LH	RH	UH	3PORT	2PORT	CARBON	ALUMINIUM
DP 4000 MG								
		<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"/>
SUPERSPORT NEXTGEN					NOT AVAILABLE		NOT AVAILABLE	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
DP 2000 SE					NOT AVAILABLE			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEASE, PUT A TICK IN THE REQUIRED BOXES AND SEND THE DOCUMENT AT [SALES@PAOLI.NET](mailto:SALES@PAOLI.NET).







## FAQ

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Your questions. Our answers



# 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.
- ☐ **What is the difference between a 70/30 wheel gun and a 60/40 wheel gun?**  
70/30 means that 70% of the power is on the loosening mode; 60/40 means that 60% of the power is on loosening mode.
- ☐ **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 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.







# AUTOMOTIVE PRODUCTS

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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.

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

You can find all the Paoli automotive products on our website [www.paoli.net](http://www.paoli.net).

## 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 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 (WITHOUT ANVIL)	92 mm (3.62")
SIDE TO CENTER	29 mm (1.14")

## DP 1800 PLUS



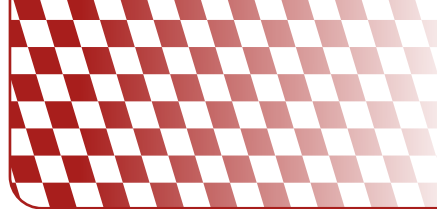
PRODUCT NAME	DP 1800 PLUS
PRODUCT CODE	1800PL.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M24
MAX TORQUE	1650 Nm (1200 ft-lb)
WORKING TORQUE	150-900 Nm (110-670 ft-lb)
WEIGHT	1,65 kg (14.33 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1850/min
MAX WORKING PRESSURE	<b>6,3 bar (91 psi)</b>
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm (0.315")
LENGTH (WITHOUT ANVIL)	160 mm (6.3")
SIDE TO CENTER	35 mm (1.38")







# PAOLI CHAMPIONSHIPS



Asian Formula Renault  
Asian Le Mans Series  
Audi Sport R8 LMS Cup  
GT World Challenge Europe  
Cape Town Power Series  
China GT Championship  
China Touring Cup  
Copa Petrobras de Marcas  
DTM  
ELMS  
Endurance  
Ferrari Challenge  
F Nippon  
F3 Asian Championship  
Formula 1

Formula 2  
Formula 3  
Formula Masters China Series  
GT  
IMSA  
IndyCar  
Lamborghini Super Trofeo  
Las 6 horas Peruanas  
Le Mans Cup  
24 Hours of Le Mans  
Malaysia Championship  
Series  
Mercedes Benz Challenge  
Brasil  
N1 SuperTaikyu  
Nascar

PCCA  
Porsche Cup  
Porsche GT 3 Cup Brasil  
Radical Cup China  
Scirocco R-Cup  
Stock Car  
Stock Car Light  
Super Formula  
Super GT  
Super TC2000  
TC2000  
TCR China  
TCR International Series  
Thailand Super Series  
V8 SUPERCAR





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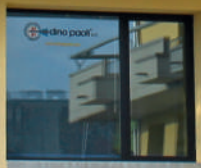
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