



PAOLI PIT STOP SERIES
CATALOGUE 2016



paul
PIT STOP

COMPANY



Dino Paoli S.r.l. supplies all the teams participating in F1, GP2, DTM, World Series by Renault, IRL, F. Nippon, V8-Supercar, Indy Light and almost all racing teams in Endurance, GT, F.3000, GRAND AM, ALMS.

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 precision 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.



**“THE WORLD CLASS IMPACT WRENCHES
MANUFACTURING COMPANY”**

HISTORY

1968

ORIGINS

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

1975

F1 PODIUM

Thanks to the high quality level and offered service, Paoli becomes official supplier to one of the most famous F1 team. This is an important debut that will permit to start a tradition of motorsport.

1994

**WORLD
CHAMPION**

World champion for speed and power. In early 90's Dino Paoli S.r.l. supplies all F1 teams and gets into U.S. motorsport, in Formula Indy.

2011

**FORMULA
NASCAR**

Dino Paoli S.r.l. gets into Formula NASCAR with Red Devil.

2012

TSA

Torque and Angle Sensor System. Dino Paoli S.r.l. introduces an innovative technology that switches on a LED to signal the completed energy transfer and the correctly tightened wheel nut.

2014

**DP 5000 TI
MARK II**

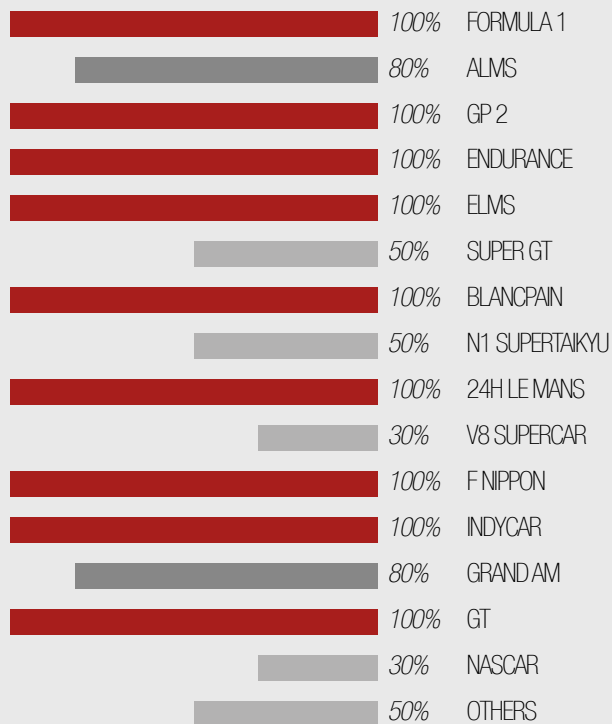
Dino Paoli S.r.l. starts manufacturing new wheel guns by using aerospace materials. Titanium and carbon are now used to produce the futuristic models DP5000-Ti-Mark II.

2016

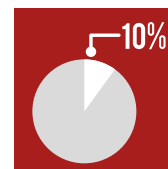
DP 6000

Dino Paoli S.r.l. introduces the innovative 90° ergonomics handle and produces the DP 6000.

DEVELOPMENT



65.000 IMPACT WRENCHES
PRODUCED SINCE 1991



10% OF TURNOVER
REINVESTED IN TECHNOLOGY



100% FORMULA 1 TEAMS
USE PAOLI GUNS



40 YEARS OLD PAOLI
EMPLOYEES' AVERAGE AGE



700 ACTIVE RESELLERS
IN THE WORLD



5000 H PAOLI STAFF'S HOURS
OF PERSONAL TRAINING

WHAT'S NEW

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A close-up photograph of a red race car's front suspension system. The car's body is a vibrant red, and the suspension components are dark blue or black. A black tire with a yellow stripe is visible on the left. The car is parked on a dark asphalt surface with white diagonal stripes. A white letter 'S' is partially visible on the right side of the car's body.

PAOLI GUNS

WHEEL GUNS

The unique wheel guns in motorsport races.

NEW



DP 6000

**BEST
PRACTICE**

FORMULA 1 / INDY

Special development: increased performance, improved ergonomics.

- MORE POWER / MORE GAP
- 90° ERGONOMICS HANDLE
- STANDARD CARBON COVER
- AVAILABLE WITH A BUILT-IN OILER IN THE HANDLE
- ERGONOMIC TRIGGER MADE OF STAINLESS STEEL
- METALLIC POWDER PAINTED BODY
- LH, RH AND UH GUNS ARE DIVERSIFIED USING DIFFERENT COLOURED MUSHROOMS AND COVER RINGS.
- TITANIUM MOTOR
- NEW CARBON PEEK VANES
- BODY MADE OF MAGNESIUM ALLOY



DP 6000 LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 6000 RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 6000 UH
*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 6000
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 14700
(25 bar / 362 psi)	RH 14700
	UH 14300
Max torque	LH 4200 Nm (3100 ft-lbs)
	RH 4200 Nm (3100 ft-lbs)
	UH 4000 Nm (2950 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

ALSO AVAILABLE

Product name	DP 6000
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)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.



WEIGHT 3,50 kg (7.7 lbs)
MAX TORQUE 4200 Nm (3100 ft-lbs)
AIR INLET 3/8" BSP

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DP 5000 TI MARK II

**BEST
PRACTICE**

FORMULA 1 / INDY

Special development: increased performance.

- STANDARD CARBON COVER
- ERGONOMIC TRIGGER MADE BY STAINLESS
- TSA READY
- ANODIZED COVERS BLUE AND RED, ACCORDING TO THE MOTORSPORT TRADITION
- TITANIUM MOTOR
- NEW CARBON PEEK VANES
- MAGNESIUM ALLOY BODY



DP 5000 TI MARK II LH

*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 5000 TI MARK II RH

*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 5000 TI MARK II UH

*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 5000 TI MARK II
Front Cover Type	CARBON COVER
Product code LH Version	5000TI.00004
Product code RH Version	5000TI.00005
Product code UH Version	5000TI.00006
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 14500 RH 14500 UH 14000
Max torque	LH 3800 Nm (2810 ft-lbs) RH 3800 Nm (2810 ft-lbs) UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

ALSO AVAILABLE

Product name	DP 5000 TI MARK II
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	5000TI.00001
Product code RH Version	5000TI.00002
Product code UH Version	5000TI.00003
Weight	3,50 kg (7.7 lbs)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.



WEIGHT 3,43 kg (7.5 lbs)
MAX TORQUE 3800 Nm (2810 ft-lbs)
AIR INLET 3/8" BSP

O

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DP 4000 MG

**BEST
PRACTICE**

FORMULA 1 / GP2 / DTM

Strong, fast and reliable.

- MAGNESIUM ALLOY BODY
- LIGHT WEIGHT (JUST 3,64 KG / 8.02 LBS WITH CARBON COVER)
- MORE POWER (13.500 RPM)
- TSA READY
- NEW CARBON PEEK VANES



DP 4000 MG LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 4000 MG RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 4000 MG UH
*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 4000 MG
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	4000MG.00001
Product code RH Version	4000MG.00002
Product code UH Version	4000MG.00003
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 13500
(20 bar / 290 psi)	RH 13500
	UH 12500
Max torque	LH 3500 Nm (2590 ft-lbs)
	RH 3500 Nm (2590 ft-lbs)
	UH 3300 Nm (2442 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)
ALSO AVAILABLE	
Product name	DP 4000 MG
Front Cover Type	CARBON COVER
Product code LH Version	4000MG.00024
Product code RH Version	4000MG.00025
Product code UH Version	4000MG.00026
Weight	3,64 kg (8.02 lbs)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.



WEIGHT 3,71 kg (8.18 lbs)
MAX TORQUE 3500 Nm (2590 ft-lbs)
AIR INLET 3/8" BSP

0 OPTIONALS & ACCESSORIES

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DP 4000 30BAR

**BEST
PRACTICE**

FORMULA 1 / INDY

Max Pressure! 30 bar / 435 psi

- NEW AEROSPACE ALUMINIUM 7075 FRONT COVER
- OPTIONAL FRONT COVER MADE OF CARBON
- SUPER RESILIENT TRIGGER MADE OF REINFORCED NYLON™
- OPTIONAL TRIGGER MADE OF STAINLESS STEEL
- TSA READY
- NEW CARBON-PEEK VANE



DP 4000 30BAR LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 4000 30BAR RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 4000 30BAR UH
*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 4000 30BAR
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	400030.00001
Product code RH Version	400030.00002
Product code UH Version	400030.00003
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	LH 15500
(30 bar / 435 psi)	RH 15500
	UH 15000
Max torque	LH 3800 Nm (2810 ft-lbs)
	RH 3800 Nm (2810 ft-lbs)
	UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)
ALSO AVAILABLE	
Product name	DP 4000 30BAR
Front Cover Type	CARBON COVER
Product code LH Version	400030.00004
Product code RH Version	400030.00005
Product code UH Version	400030.00006
Weight	3,90 kg (8.6 lbs)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.



WEIGHT 3,97 kg (8.7 lbs)
MAX TORQUE 3800 Nm (2810 ft-lbs)
AIR INLET 3/8" BSP

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DP 4000 BIAS

**BEST
PRACTICE**

ENDURANCE / ALMS / LE MANS SERIES

Two wheel guns, one body, this is BIAS system!

- FRONT NEEDLE ROLLER BEARINGS
- NEW AEROSPACE ALUMINIUM 7075 FRONT COVER
- EASY TO USE AS THE INSTRUCTIONS ARE ENGRAVED ON THE GUN BACK
- SIMPLY FASTER!

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.

Product name	DP 4000 BIAS
Product code UH Version	4000BS.00001
Square drive	1"
Weight	3,90 kg (8.6 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)	10500
Max torque	3000 Nm (2250 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.



WEIGHT 3,90 kg (8.6 lbs)

MAX TORQUE 3000 Nm (2250 ft-lbs)

AIR INLET 3/8" BSP

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SUPER SPORT

**BEST
PRACTICE**

V8 SUPERCAR / GT / ENDURANCE

The ultimate solution for V8 touring cars pit stop!

- OPERATING PRESSURE 20 BAR / 290 PSI
- NEW CARBON VANES
- OPTIMIZED AND EFFICIENT EXHAUST (PATENTED SYSTEM)



SUPERSPORT LH

*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



SUPERSPORT RH

*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 2000 SE

**BEST
PRACTICE**

GRAND AM / GP2

Absolutely the most used wheel gun

- WEIGHT REDUCED THANKS TO NEW AEROSPACE ALUMINIUM 7075
- OPTIONAL CARBON COVER
- NEW CARBON VANES



DP 2000 SE LH
The fast left hand version (black) loosens nuts tightened clockwise faster.



DP 2000 SE RH
The fast right hand version (yellow) loosens nuts tightened anticlockwise faster.



DP 2000 SE UH
The special unhandled version (grey) loosens at same speed both the nuts tightened clockwise and anticlockwise.

Product name	DP 2000 SE
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	2000SE.00001
Product code RH Version	2000SE.00002
Product code UH Version	2000SE.00003
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 (20 bar / 290 psi)	LH 9500 RH 9500 UH 9000
Max torque	LH 2500 Nm (1843 ft-lbs) RH 2500 Nm (1843 ft-lbs) UH 2200 Nm (1622 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

ALSO AVAILABLE

Product name	DP 2000 SE
Front Cover Type	CARBON COVER
Product code LH Version	2000SE.00004
Product code RH Version	2000SE.00005
Product code UH Version	2000SE.00006
Weight	3,83 kg (8.4 lbs)



WEIGHT 3,90 kg (8.6 lbs)
MAX TORQUE 2500 Nm (1843 ft-lbs)
AIR INLET 3/8" BSP

O

OPTIONALS & ACCESSORIES
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DP 197 SFE

**BEST
PRACTICE**

GT / ENDURANCE

Very reliable!

- LIGHT WEIGHT (JUST KG 4,6 / 10 LBS)
- NEW AEROSPACE ALUMINIUM 7075 FRONT COVER
- NEW CARBON VANES



DP 197 SFE LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 197 SFE RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 197 SFE UH
*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 197 SFE
Product code LH Version	197SFE.00001
Product code RH Version	197SFE.00002
Product code UH Version	197SFE.00003
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 7900 RH 7900 UH 7500
Max torque	LH 1900 Nm (1400 ft-lbs) RH 1900 Nm (1400 ft-lbs) UH 1800 Nm (1327 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)



WEIGHT 4,60 kg (10 lbs)
MAX TORQUE 1900 Nm (1400 ft-lbs)
AIR INLET 3/8" BSP

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DP 177 SFE

**BEST
PRACTICE**

GT / ENDURANCE

The new 1" Paoli wheel gun: fast, powerful and reliable

- NEW CARBON VANES
- NEW AEROSPACE ALUMINIUM 7075 FRONT COVER
- INCREASED MAX PRESSURE (20 BAR / 290 PSI)



DP 177 SFE LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 177 SFE RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 177 SFE UH
*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 177 SFE
Product code LH Version	177SFE.00001
Product code RH Version	177SFE.00002
Product code UH Version	177SFE.00003
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 10000 RH 10000 UH 9500
Max torque	LH 1900 Nm (1400 ft-lbs) RH 1900 Nm (1400 ft-lbs) UH 1800 Nm (1327 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)



WEIGHT 4,20 kg (9.2 lbs)
MAX TORQUE 1900 Nm (1400 ft-lbs)
AIR INLET 3/8" BSP

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DP 176 SFE

**BEST
PRACTICE**

PORSCHE / ALMS

The Porsche wheel gun!

- LIGHT WEIGHT (JUST KG 3,95 / 8.7 LBS)
- NEW AEROSPACE ALUMINIUM 7075 FRONT COVER
- INCREASED MAX PRESSURE (20 BAR / 290 PSI)
- NEW CARBON VANES



DP 176 SFE LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 176 SFE RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*



DP 176 SFE UH
*The special unhandled version (black) loosens
at same speed both the nuts tightened clockwise
and anticlockwise.*

Product name	DP 176 SFE
Product code LH Version	176SFE.00001
Product code RH Version	176SFE.00002
Product code UH Version	176SFE.00003
Square drive	3/4"
Weight	3,95 kg (8.7 lbs)
Length	185 mm (7.28")
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 10000 RH 10000 UH 9500
Max torque	LH 1700 Nm (1260 ft-lbs) RH 1700 Nm (1260 ft-lbs) UH 1600 Nm (1180 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)



WEIGHT 3,95 kg (8,7 lbs)
MAX TORQUE 1700 Nm (1260 ft-lbs)
AIR INLET 3/8" BSP

O

OPTIONALS & ACCESSORIES

Suggested options and accessories from page

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BLUE DEVIL

**BEST
PRACTICE**

PORSCHE / ALMS

Lightweight but very fast and powerful!

- OPERATING PRESSURE 20 BAR / 290 PSI
- NEW CARBON VANES
- OPTIMIZED AND EFFICIENT EXHAUST (PATENTED SYSTEM)
- 90° HANDLE



BLUE DEVIL LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



BLUE DEVIL RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*

Product name	BLUE DEVIL 60/40
Product code LH Version	BDEVIL.00002
Product code RH Version	BDEVIL.00004
Square drive	3/4"
Weight	2,69 kg (5.9 lbs)
Length	188 mm (7.4")
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 17000 RH 17000
Max torque	LH 1200 Nm (890 ft-lbs) RH 1200 Nm (890 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

ALSO AVAILABLE

Product name	BLUE DEVIL 70/30
Product code LH Version	BDEVIL.00006
Product code RH Version	BDEVIL.00008
Free Speed (20 bar / 290 psi)	LH 17500 RH 17500



WEIGHT 2,69 kg (5.9 lbs)
MAX TORQUE 1200 Nm (890 ft-lbs)
AIR INLET 3/8" BSP

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DP 36 SF EVO

**BEST
PRACTICE**

TOURING

Very fast! Wheel gun for 5 NUTS wheels (TOURING) application!

- ADDITIONAL AIR EXHAUSTS TO INCREASE THE SPEED
- NEW CARBON VANES
- DEVELOPED FOR 5 NUTS



DP 36 SF EVO LH

*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 36 SF EVO RH

*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*

Product name	DP 36 SF EVO
Product code LH Version	36SFEV.00001
Product code RH Version	36SFEV.00002
Product code LH Version* 	36SFEV.00003
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	LH 3/8" BSP RH 3/8" BSP LH* 1/4" BSP
Supply hose inside diameter	10 mm (0.39")
Max pressure	14 bar (200 psi)
Free Speed (14 bar / 200 psi)	LH 14500 RH 14500 LH* 15000
Max torque	LH 850 Nm (626 ft-lbs) RH 850 Nm (626 ft-lbs) LH* 900 Nm (663 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

*US VERSION



WEIGHT 2,23 kg (4.9 lbs)
MAX TORQUE 900 Nm (663 ft-lbs)
AIR INLET 3/8" BSP

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TORPEDO

**BEST
PRACTICE**

TOURING

Fast and powerful cordless wheel gun for 5 NUTS wheels (TOURING) application!

- PROVIDED IN A HARD CASE
- LITHIUM ION BATTERY 18.0v D.C.
- 2 BATTERIES INCLUDED, ONE IN USE AND ONE AS A SPARE

Suggested to be used in the garage where it is not possible to get compressed air available and when the tightening torque required is low.



MOTORCYCLE SPORT

Wheel guns

- RED DEVIL STREET LEGAL
- DP 36 SF EVO LH
TECHNICAL DETAILS PAGE 32



WHEEL GUN
DP 36 SF EVO
All technical details at page 32

Covers

- BLUE DEVIL
TECHNICAL DETAILS PAGE 64
- DP 36 SF EVO LH
TECHNICAL DETAILS PAGE 64



AIR PRESSURE REGULATOR
F4
All technical details at page 86



HOSE H20
20 BAR/290PSI
All technical details at page 82

Product name	RED DEVIL STREET LEGAL
Product code	RDEVSL.00001
Square drive	1/2"
Weight	2,60 kg (5.7 lbs)
Length	200 mm (7.8")
Air inlet	3/8" BSP
Supply hose inside diameter	10 mm (0.39")
Max pressure	15 bar (217 psi)
Free Speed (14 bar / 200 psi)	12000
Max torque	1200 Nm (888 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)



WEIGHT 2,60 kg (5.7 lbs)
MAX TORQUE 1200 Nm (888 ft-lbs)
AIR INLET 3/8" BSP

O **OPTIONALS & ACCESSORIES** **56**
Suggested optionals and accessories from page

F **FAQ** **124**
Frequently asked questions and answers from page



A close-up photograph of a silver-colored metal tool, likely a wheel gun, featuring four black hexagonal sensors with blue lenses arranged vertically. The background is a blurred asphalt road with yellow diagonal markings.

PAOLI TSA

TORQUE AND ANGLE SENSOR SYSTEM

The new torque and angle sensor wheel guns.



DP 5000 MARK II TSA

**BEST
PRACTICE**

FORMULA 1 / INDY

The technological and mechanical apotheosis both included in one single wheel gun: DP 5000 TI MARK II TSA. The vanguard, the accuracy, the power, all together with a standard Torque and Angle System.

- ERGONOMIC TRIGGER MADE BY STAINLESS
- ANODIZED COVERS BLUE AND RED, ACCORDING TO THE MOTORSPORT TRADITION
- TITANIUM MOTOR
- NEW CARBON PEEK VANES
- MAGNESIUM ALLOY BODY



DP 5000 MARK II TSA LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 5000 MARK II TSA RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*

Product name	DP 5000 MARK II TSA
Product code LH Version	5000TA.00001
Product code RH Version	5000TA.00002
Square drive	1"
Weight	4,10 kg (9.0 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)	14500
Max torque	3800 Nm (2810 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.

RELATED PRODUCTS



PIT STOP BOX - Product Code B.23.0082

The Pit Stop Box allows the connection of 4 wheel guns simultaneously to a Windows PC. The user can access to the wheel guns onboard electronic systems with the Pit Stop Dashboard Software.



WHEEL GUN OPERATING CABLES

The cable lengths available are: 5 m (Product Code B.23.0083), 10 m (Product Code B.23.0084), 15 m (Product Code B.23.0085) and 20 m (Product Code B.23.0086).



WEIGHT 4,10 kg (9.0 lbs)

MAX TORQUE 3800 Nm (2810 ft-lbs)

AIR INLET 3/8" BSP



OPTIONALS & ACCESSORIES

Suggested optionals and accessories from page

56



FAQ

Frequently asked questions and answers from page

124



DP 4000 MG TSA

**BEST
PRACTICE**

FORMULA 1 / GP2 / DTM

Strong, fast and reliable.
Fully integrated torque and angle sensors.

- MAGNESIUM ALLOY BODY
- MORE POWER (13.500 RPM)
- NEW CARBON PEEK VANES



DP 4000 MG TSA LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 4000 MG TSA RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*

Product name	DP 4000 MG TSA
Product code LH Version	4000TA.00001
Product code RH Version	4000TA.00002
Square drive	1"
Weight	4,19 kg (9.2 lbs)
Length	216 mm (8.50")
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)	13500
Max torque	3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.

RELATED PRODUCTS



PIT STOP BOX - Product Code B.23.0082

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WHEEL GUN OPERATING CABLES

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WEIGHT 4,19 kg (9.2 lbs)

MAX TORQUE 3500 Nm (2590 ft-lbs)

AIR INLET 3/8" BSP

O

OPTIONALS & ACCESSORIES
Suggested optionals and accessories from page

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124



DP 4000 MG TS LAB

**BEST
PRACTICE**

FORMULA 1 / GP2 / DTM

TS Lab, the ideal R&D device for the development of new wheel nuts / hubs. The torque details will be checked by the dedicated software to get exact and clear measurements.

- MAGNESIUM ALLOY BODY
- COMPLETE TORQUE SENSOR INTEGRATION
- REAL TIME TORQUE ENERGY MEASUREMENT



DP 4000 MG TS LAB LH
*The fast left hand version (blue)
loosens nuts tightened clockwise faster.*



DP 4000 MG TS LAB RH
*The fast right hand version (red)
loosens nuts tightened anticlockwise faster.*

Product name	DP 4000 MG TS LAB
Product code LH Version	4000MT.00001
Product code RH Version	4000MT.00002
Square drive	1"
Weight	4,27 kg (9.4 lbs)
Length	216 mm (8.50")
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)	13500
Max torque	3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (Read the FAQ at page 127)

To get the best performance from our wheel guns, we suggest you to use couplings with minimal bore of 10 mm (25/64 inch) and crimped with male 1/2" BSP fittings.

Find answers to frequently asked questions about the Paoli Products at page 124.

RELATED PRODUCTS



TS LAB DATA CENTER - Product Code B.23.0058

Features & Functions: easy-to-use interface to program Wheel Gun Functions; allows more accurate setting of LED Trigger Point; allows Activation of Teaching Function; installable on Windows pc.



WHEEL GUN OPERATING CABLES

The cable lengths available are: 5 m (Product Code B.23.0083), 10 m (Product Code B.23.0084), 15 m (Product Code B.23.0085) and 20 m (Product Code B.23.0086).



WEIGHT 4,27 kg (9.4 lbs)

MAX TORQUE 3500 Nm (2590 ft-lbs)

AIR INLET 3/8" BSP



OPTIONALS & ACCESSORIES

Suggested optionals and accessories from page

56



FAQ

Frequently asked questions and answers from page

124



TSA UPGRADE

TORQUE SENSOR & ANGLE UPGRADE

DP2000 Series, DP3000 Series, DP4000 Series, DP5000 Series

The Torque and Angle Sensor Upgrade is the ideal solution for upgrading from standard Paoli Wheel guns into state of the art Pit Stop monitoring systems.

The new TSA UPGRADE uses patented high precision non-contact sensing technology to measure the angular rotations of the drive shaft and the torque energy that is transferred at every hammering impact. Intelligent software in the onboard multiprocessor signal processing electronics combines the results of the two measurements: Absolute Torque Energy and Angular Rotations, to determine when the wheel nut sits tight. Additional sensors determine when the tool is active or should go into power save mode.

Note: when ordering the TSA UPGRADE, your Wheel-guns will be converted, tested and calibrated, in the factory by experienced people at Dino Paoli.

TS LAB UPGRADE

TORQUE SENSOR LAB UPGRADE

DP2000 Series, DP3000 Series, DP4000 Series, DP5000 Series

The Upgrade comes with Integrated Torque Sensor and digital signal processor (DSP). When a preprogrammed amount of Torque-Energy has been achieved (during the wheel fastening process) a set of bright LEDs will light-up, informing the tool operator that the target energy transfer has been completed.

This LED trigger point can be set by using the supplementary programming interface kit with included windows based software.

Features:

- Internal Data Processing
- Real Time Data Monitoring and storage (when using telemetry software)
- User programmable high definition LED trigger set-point

TSA UPGRADE

FROM	TO	CODE
DP 2000 SE	DP 2000 SE TSA	R.02.01.01.0049
DP 3000	DP 3000 TSA	R.02.01.01.0048
DP 4000	DP 4000 TSA	R.02.01.01.0047
DP 4000 MG	DP 4000 MG TSA	R.02.01.01.0043
DP 5000 TI	DP 5000 TI TSA	R.02.01.01.0050

The tool is delivered with a default operation mode, however the Pit Stop Dashboard software (Windows PC interface) allows the user to make changes to critical operational parameters used to trigger the tools bright LED display, to signal when a wheel-nut tightening process has been completed successfully. If used under controlled conditions, the system can help to dramatically reduce false tightening incidences.

The Torque and Angle Sensor Upgrade must be supplemented with the following elements:

- The Pit Stop Box used for connecting up to 4 wheel guns to a PC.
- The Pit Stop Dashboard used for making changes to all of the critical operational parameters, viewing pit stop results and data logging.

TS LAB UPGRADE

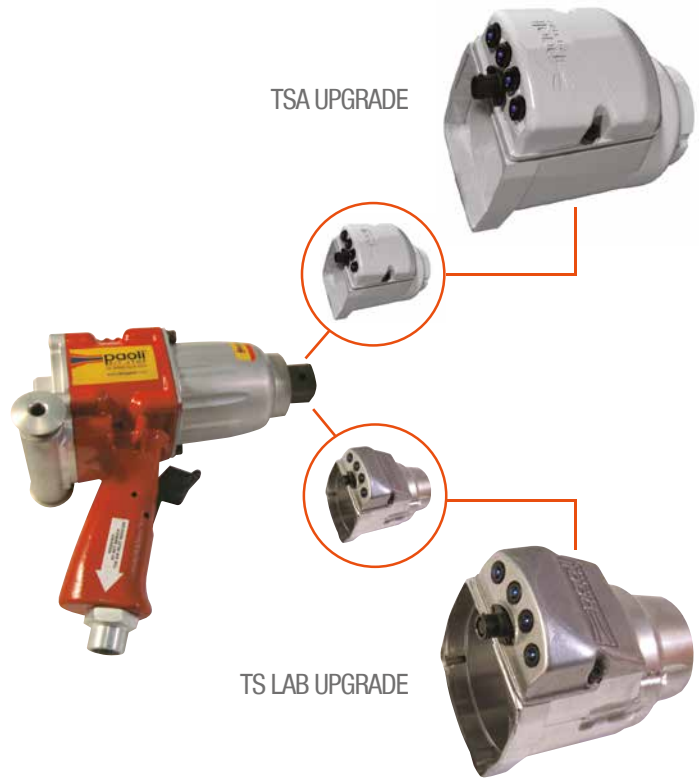
FROM	TO	CODE
DP 2000 SE	DP 2000 SE TS	R.02.01.01.0037
DP 3000	DP 3000 TS	R.02.01.01.0035
DP 4000	DP 4000 TS	R.02.01.01.0034
DP 4000 MG	DP 4000 MG TS	R.02.01.01.0051
DP 5000 TI	DP 5000 TI TS	R.02.01.01.0052

Area of Use

Wheel-guns equipped with the Paoli Upgrade are ideal for training and quality monitoring purposes as well as for use in the Pit Lane during a race.

Features & Functions

- Easy-to-use Interface to program Wheel Gun Functions
- Allows more accurate setting of LED Trigger Point
- Allows Activation of Teaching Function
- Installable on Windows pc



O

OPTIONALS & ACCESSORIES
Suggested optionals and accessories from page

56

F

FAQ
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124



paoli
PLY STOP
WE SPEED YOUR RACE

paoli
PLY STOP
WE SPEED YOUR RACE



PAOLI SOCKETS

WHEEL NUT SOCKETS

The new Paoli sockets.

NEW



PAOLI SOCKETS

WHEEL NUT SOCKETS

The new Paoli sockets are an unprecedented product and the result of a long and complex engineering research. Consultation with hundreds of race clients has ensured that the Paoli Sockets' technological development goes hand in hand with the real needs of racing teams in terms of versatility, safety, materials and maintenance.

- Two different materials: titanium and aeronautical aluminium, the first suitable for the race application and the second suitable for non-intensive use and torque wrench.
- Innovative design, attractive shapes and aesthetically pleasing.
- Accuracy in fitting the socket to the wrench, perfect tolerance and can be assembled and disassembled just by hand.
- Innovative safety system for inserting the pin into the through the socket/square drive. Revolutionary system when assembling the socket by using the spring clip and an 'O' ring on the cover. Maximum safety, a fine fitting and a considerably reduced assembly time.
- 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 exclusive resin gives the socket 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 made from new Paoli Sockets material.

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

Innovative safety system.

Replacing magnets is quick and easy.

Accuracy in fitting the socket to the wrench.

Innovative design, attractive shapes and aesthetically pleasing.



INDYCAR



DALLARA INDYCAR

CODE	SQUARE DRIVE	MATERIAL
B.28.0033	1"	titanium
B.28.0041	1"	aluminium



Accuracy in fitting the socket to the wrench

PORSCHE CUP, ENDURANCE



PORSCHE 997 RSR

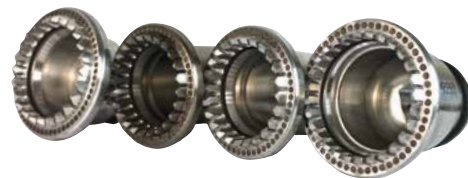
CODE	SQUARE DRIVE	MATERIAL
B.28.0031	1"	titanium
B.28.0040	1"	aluminium
B.28.0046	1"	titanium



PORSCHE 996/997 CUP

CODE	SQUARE DRIVE	NUT SIZE	MATERIAL
B.28.0028	3/4"	SW 36 mm	steel
B.28.0016	3/4"	SW 36 mm	steel

FERRARI ENDURANCE



F430

CODE	SQUARE DRIVE	MATERIAL
B.28.0029	1"	titanium
B.28.0038	1"	aluminium

F458 GT2

CODE	SQUARE DRIVE	MATERIAL
B.28.0030	1"	titanium
B.28.0039	1"	aluminium

F458 GT3 (14 slots nut)

CODE	SQUARE DRIVE	MATERIAL
B.28.0032	1"	titanium
B.28.0042	1"	aluminium

FERRARI CHALLENGE



FERRARI 430 CHALLENGE

CODE	SQUARE DRIVE	NUT SIZE	MATERIAL
B.28.0037	1"	SW 80 mm	aluminium
B.28.0015	1"	SW 80 mm	steel



Attractive shapes

GP3 WSR F3 / GP2 / F. NIPPON



GP3 WSR F3

CODE	SQUARE DRIVE	NUT SIZE	MATERIAL
B.28.0034	1"	SW 55 mm	steel
B.28.0035	3/4"	SW 55 mm	steel



GP2 / FORMULA NIPPON

CODE	SQUARE DRIVE	NUT SIZE	MATERIAL
B.28.0036	1"	SW 65 mm	steel

LMP2

**BEST
PRACTICE**



LE MANS PROTOTYPE 2

CODE	SQUARE DRIVE	MATERIAL
B.28.0044	1"	titanium
B.28.0045	1"	steel



Replacing magnets



SOCKET RINGS & RETAINERS

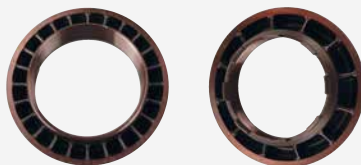


WARNING! The socket without the retainer can be dangerous if it gets out during the work!

FOR SQUARE DRIVE	RETAINER	RINGS
1/2"	B.30.01.0011	B.30.02.0001 (18 mm) B.30.02.0002 (24 mm)
3/4"	B.30.01.0010	B.30.02.0003 (38 mm)
1"	B.30.01.0009	B.30.02.0004 (45 mm)



WHEEL NUTS



FERRARI F458 GT2

CODE	VERSION	DESCRIPTION
B.32.0005	LH - titanium	with fingers
B.32.0006	RH - titanium	with fingers

FERRARI F430

CODE	VERSION	DESCRIPTION
B.32.0001	LH - titanium	with fingers
B.32.0002	RH - titanium	with fingers



PORSCHE 997 RSR - 911 RSR

CODE	VERSION	DESCRIPTION
B.32.0003	LH - titanium	with fingers
B.32.0004	RH - titanium	with fingers

INSERT ADAPTERS



Reccomended just for garage use.

With this compact insert adapter to a bigger square drive the overall lenght 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"







OPTIONALS

WHEEL GUN OPTIONS

Enhance your Paoli guns.



NEW

FAST SHUTTLE 2.0

Fast Shuttle 2.0 was designed to speed up the operator's reaction time when changing the direction.

Unlike the Quick Shift, the Fast Shuttle 2.0 is an active system. So, to activate the inversion, it requires the operator to press the lever. Specifically, it works like the Fast Shuttle 1.0, but the activation needs to be executed through a wrist

movement, instead of a thumb movement. The reaction time has been reduced by 80%.

It has also been created an arrangement for the "Pit Stop completed" button. The arrangement works for the APEM 13000X778 button and Deutsch ASDD006-09PN connector.

FAST SHUTTLE 2.0



CODE	DESCRIPTION	APPLY ON
B.23.0136	LH 2-PORT BLUE	DP 6000 - DP 5000 TI MARK II - DP 4000 MG
B.23.0137	RH 2-PORT RED	DP 6000 - DP 5000 TI MARK II - DP 4000 MG

Customized versions are available on demand.

FAST SHUTTLE



RH - LOOSENING



RH - TIGHTENING

B.23.0106

The Fast Shuttle is an auto reverse shuttle that has got just an ON (loosening) and OFF (tightening) position, being operator friendly as it is able to increase the speed of each operation: in fact the operator has just to push a lever to get the ON (loosening) mode from the OFF (tightening) mode.



CODE	DESCRIPTION	APPLY ON
B.23.0105	LH 3-PORT BLUE	DP 2000-S, DP 4000 MG, DP 5000 TI
B.23.0106	RH 3-PORT RED	DP 2000-S, DP 4000 MG, DP 5000 TI
B.23.0115	LH 2-PORT BLUE	DP 2000-S, DP 4000 MG, DP 5000 TI
B.23.0116	RH 2-PORT RED	DP 2000-S, DP 4000 MG, DP 5000 TI

QUICKSHIFT

NEW



The quickshift features an operator-controlled auto-reverse shuttle.

The shuttle direction is pre-set by the operator, from either the top or bottom of the gun back, which provides a safe, secure shuttle position that avoids a neutral location – the shuttle has an on or off position only.

This gun back has proven to be an operator-friendly, reliable solution to enhance the consistency, security and overall speed of wheel gun direction-change during the pit stop. The design avoids major hand-position changes and the need to reach for the end of the shuttle, saving valuable time and effort, and helping to eliminate costly operator errors.

Available on demand.

2-PORT BACK COVER KIT



B.23.0087

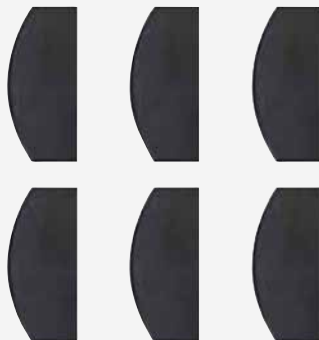
Available only for wheel guns DP 4000 MG, DP 4000 MG TSA, DP 4000 TS LAB, DP 4000 BIAS, DP 5000 TI, DP 5000 TI TSA



Available for wheel guns DP 6000:

- LH Version: code B.23.0141
- RH Version: code B.23.0142
- UH Version: code B.23.0140

CARBON PEEK MOTOR VANES



B.23.0131

MORE DURABLE. After a test ran at 30 bar, we got a double life when compared to the normal carbon vanes.

MORE SMOOTHNESS. The carbon peek composite gets much less friction in the air motor.

CARBON COVERS



Screws and washers included

CODE	APPLY ON
B.23.0121	DP 2000 SE, DP 3000, DP 4000, DP 4000 MG
B.23.0109	DP 5000, DP 6000



FAST REVERSE SYSTEM



B.31.0001

Available only for DP2000-S, DP197-SFE and DP176-SFE



B.31.0008

Version with turning cover made of teflon: it absorbs much better the hits.



B.31.0009



B.31.0010



B.31.0013



B.31.0005

Available only for wheel gun DP 3000, DP 4000 MG, DP 4000 MG TS, BLUE DEVIL, DP 4000 MG-TSA, SUPERSPORT, DP 4000 BIAS., DP 5000 TI, DP 6000.

TRIGGERS

D.01.21.0001 D.01.21.0028

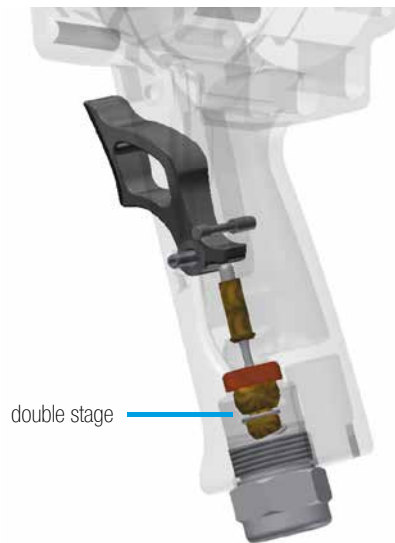


D.01.21.0026
D.01.21.0027

CODE	MATERIAL	AVAILABLE FOR
D.01.21.0028	Steel	6000 5000TI 5000TI-TSA 4000MG 4000MG-TSA 4000TS-LAB
D.01.21.0027	PA w/ glass fiber	6000 5000TI 5000TI-TSA 4000MG 4000MG-TSA 4000TS-LAB
D.01.21.0001	PA w/ glass fiber [standard]	4000BIAS 5000TI 5000TI-TSA 4000MG 4000MG-TSA 4000TS-LAB
D.01.21.0026	PA w/ carbon fiber	6000 5000TI 5000TI-TSA 4000MG 4000MG-TSA 4000TS-LAB

DOUBLE STAGE TRIGGER

NEW



double stage

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)





TRANSPARENT
PLASTIC COVER

AVAILABLE FOR	PRODUCT CODE
DP 5000 TI MARK II TSA (right led box)	B.18.0022
DP 4000 MG TSA (right led box)	
DP 5000 TI MARK II TSA (left led box)	B.18.0026
DP 4000 MG TSA (left led box)	
DP 4000 MG TS LAB (right led box)	B.18.0021
DP 4000 MG TS LAB (left led box)	B.18.0027
DP 5000 TI (with fast shuttle)	B.18.0030
DP 4000 MG (with fast shuttle)	
DP 6000 - DP 5000 TI - DP 4000 MG	B.18.0013
DP 2000 S, SE	B.18.0000
DP 4000 BIAS	B.18.0024
SUPER SPORT	B.18.0023
DP 197 SFE	B.18.0001
DP 176 SFE - DP 177 SFE	B.18.0003
BLUE DEVIL	B.18.0019
DP 36 SF EVO	B.18.0006



BALLISTIC
NYLON COVER

Technical fabric cover made of ballistic nylon.

- Strong and durable
- Thick and resistant
- New design
- Available in:



blue



red



black

AVAILABLE FOR	PRODUCT CODE
DP 6000	B.18.0031 black
DP 5000 TI - DP 4000 MG	
DP 6000	B.18.0032 red
DP 5000 TI - DP 4000 MG	
DP 6000	B.18.0033 blue
DP 5000 TI - DP 4000 MG	

Other models coming soon.

WHEEL GUN BAGS



B.19.0002 RED



B.19.0001 BLUE



B.19.0003 BLACK

Made of technical fabric with polyethylene foam padding. Removable padding. Hand wash with soap and water (not washing machine).

- More colors available
- New design
- Each bag can contain: 1"sq.dr. wheel gun with socket mounted on
- Tags available

GRIP TAPES



T.02.0022



T.02.0023



B.23.0076



T.02.0030

PRODUCT CODE DESCRIPTION

T.02.0030	Handle sticker for DP 6000
T.02.0023	Handle sticker for DP 5000 TI, DP 4000 MG, DP 2000-S, SUPERSPORT, DP 197 SFE, DP 176 SFE
T.02.0022	Handle sticker for BLUE DEVIL, DP 36 SF EVO
B.23.0076	Grip Tape (10 m x 50 mm)

WHEEL GUN LUBRICANTS



B.27.0007



B.27.0004



B.27.0005



B.27.0016

PRODUCT NAME	PRODUCT CODE	QUANTITY	DESCRIPTION
CGRM	B.27.0007	1 kg	Special Grease for PAOLI wheel gun hammer mechanism.
COL1	B.27.0004	1 l	Special Oil for PAOLI wheel gun motors.
COL5	B.27.0005	5 l	Special Oil for PAOLI wheel gun motors.
	B.27.0016	500 ml	Special spray Lubricant for PAOLI wheel gun motors



A close-up photograph of a motorcycle engine. In the upper left, there is a blue circular pressure gauge with a needle. Below it, a black rubber hose is connected to a metal fitting. A prominent chrome exhaust pipe runs vertically through the center of the frame. To the right, a person's hand is visible, holding a metal tool or part of the engine. The background shows various engine components, including a red valve cover and a black metal plate with bolt heads.

AIR SUPPLY SYSTEM

PAOLI AIR SUPPLY

Equipment for the maximum power.



AIR SUPPLY SYSTEM



**TURNING
CONNECTORS**

73



**AIR PRESSURE
REGULATORS**

84



**QUICK RELEASE
COUPLINGS**

74



**AIR BOTTLES
& TROLLEYS**

92



HOSES

82



**AIR BOTTLE
COMPRESSORS**

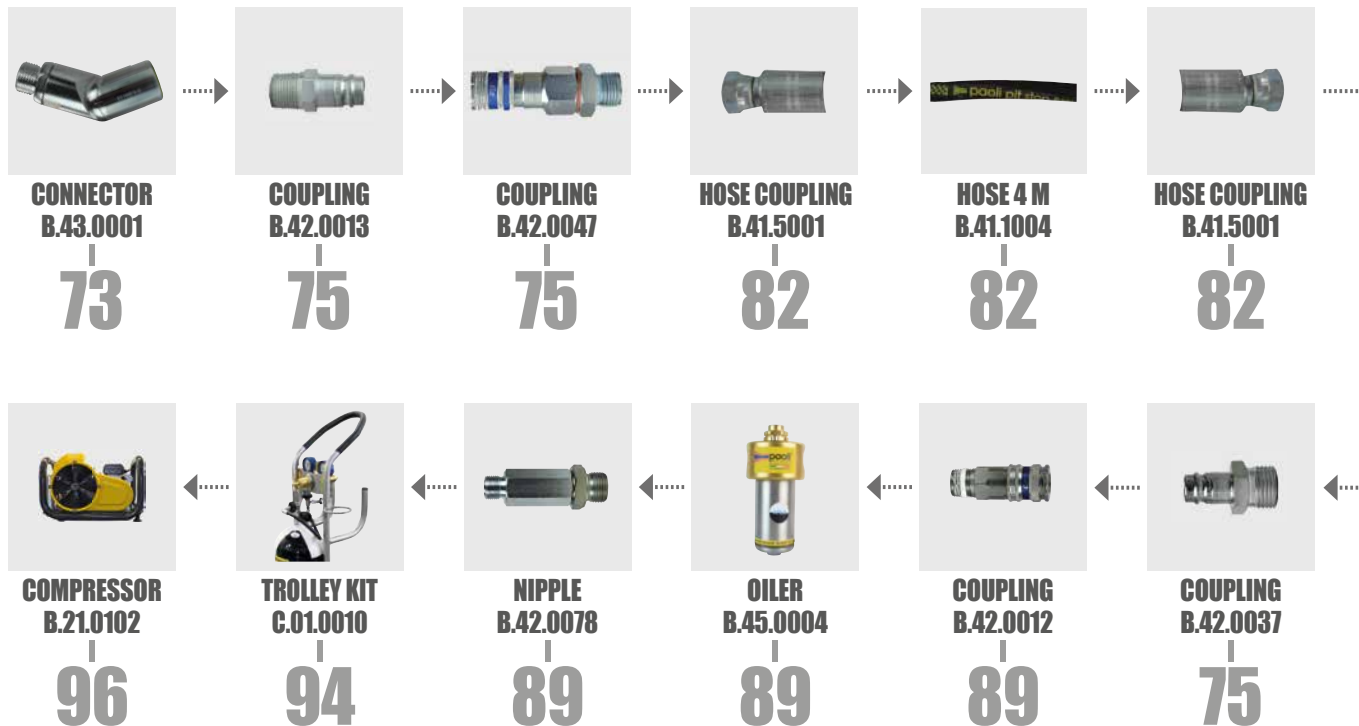
96

RECOMMENDED PAOLI PIT STOP SYSTEM

**SUITABLE
FOR**

- DP 4000 MG
- DP 4000 30BAR
- DP 6000
- DP 4000 BIAS
- DP 5000 TI MARK II

1/2" FITTING

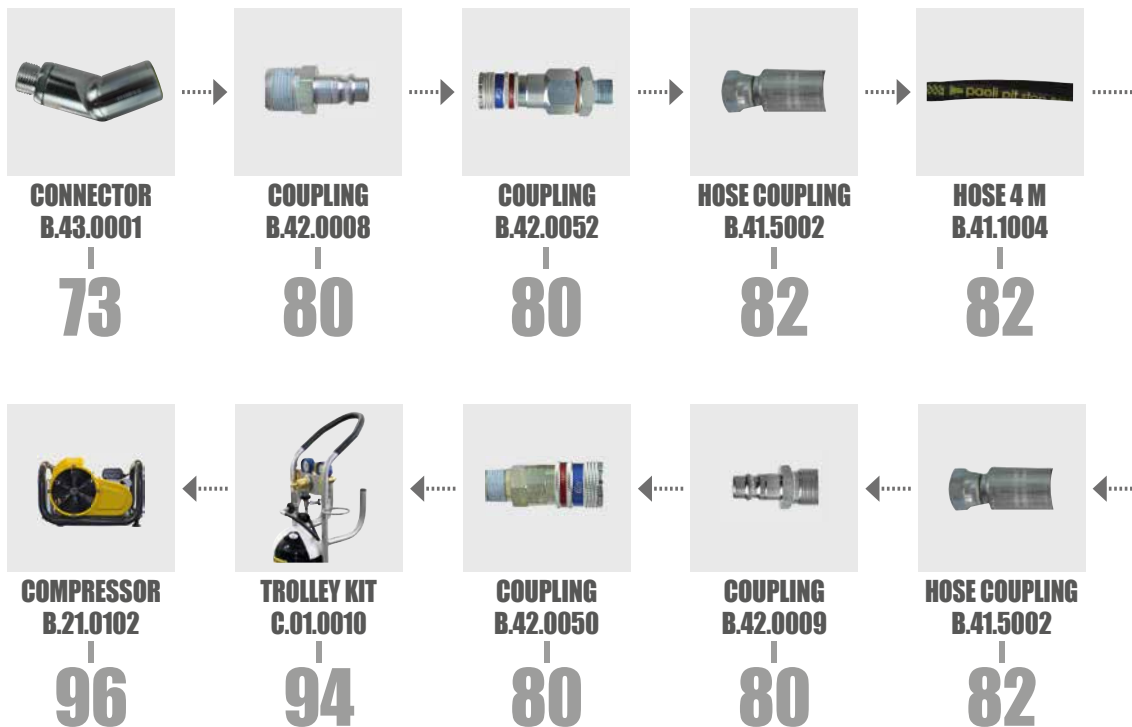


RECOMMENDED PAOLI PIT STOP SYSTEM

- DP 2000 SE
- DP 176 SFE
- BLUE DEVIL
- SUPERSPORT
- DP 197 SFE
- DP 177 SFE
- DP 36 SF EVO

**SUITABLE
FOR**

3/8" FITTING





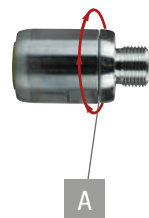
DV11MF538

DV11MF538

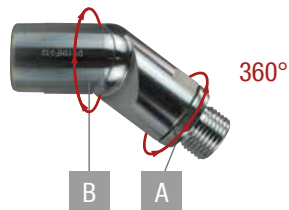
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AVG

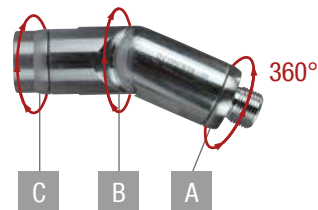
TURNING CONNECTORS



TYPE R



TYPE D



TYPE D3



	PRODUCT NAME	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER	TURNING	FLEXING HOSE CONNECTOR	TURNING
TYPE D	DV11MFG38	B.43.0001	3/8" BSP	11 mm	360°	90°	
	DV7MFN14	B.43.0004	1/4" NPT	7 mm	360°	90°	
	DV11MFG12	B.43.0007	1/2" BSP	11 mm	360°	90°	
TYPE R	RV11MFB38	B.43.0003	3/8" BSP	11 mm	360°	--	
	RV11MFB12	B.43.0011	1/2" BSP	11 mm	360°	--	--
TYPE D3	DV11MFB38-3R	B.43.0002	3/8" BSP	11 mm	360°	90°	360°
	DV11MFB12-3R	B.43.0041	1/2" BSP	11 mm	360°	90°	360°

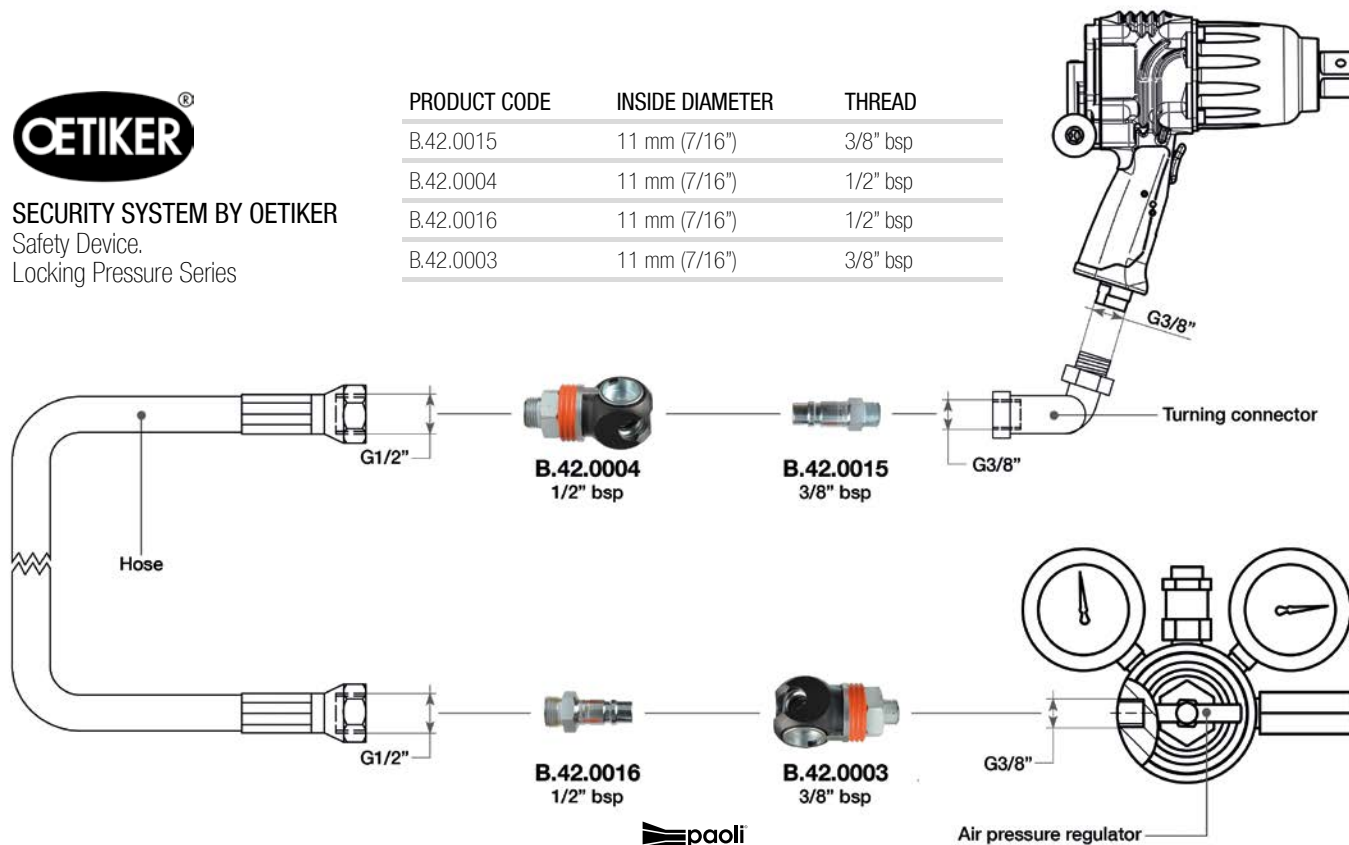
QUICK RELEASE COUPLINGS 1/2" (for hose threaded 1/2" bsp)

- DP 4000 MG
- DP 4000 30BAR
- DP 6000
- DP 4000 BIAS
- DP 5000 TI MARK II



SECURITY SYSTEM BY OETIKER
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



QUICK RELEASE COUPLINGS 1/2" (for hose threaded 1/2" bsp)

- DP 4000 MG
- DP 4000 30BAR
- DP 6000
- DP 4000 BIAS
- DP 5000 TI MARK II

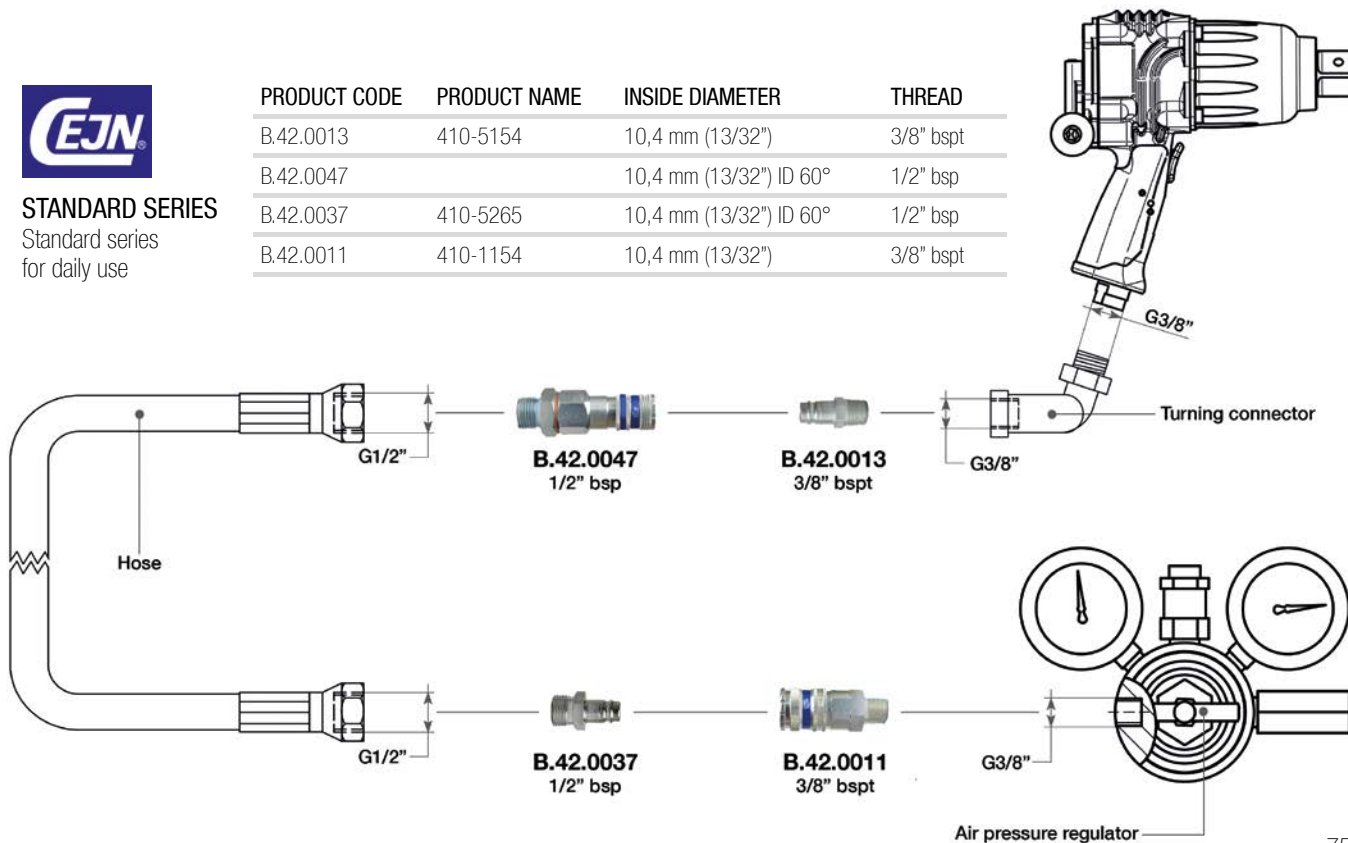
**BEST
PRACTICE**



STANDARD SERIES

Standard series
for daily use

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0013	410-5154	10,4 mm (13/32")	3/8" bspt
B.42.0047		10,4 mm (13/32") ID 60°	1/2" bsp
B.42.0037	410-5265	10,4 mm (13/32") ID 60°	1/2" bsp
B.42.0011	410-1154	10,4 mm (13/32")	3/8" bspt



QUICK RELEASE COUPLINGS 1/2" (for hose threaded 1/2" bsp)

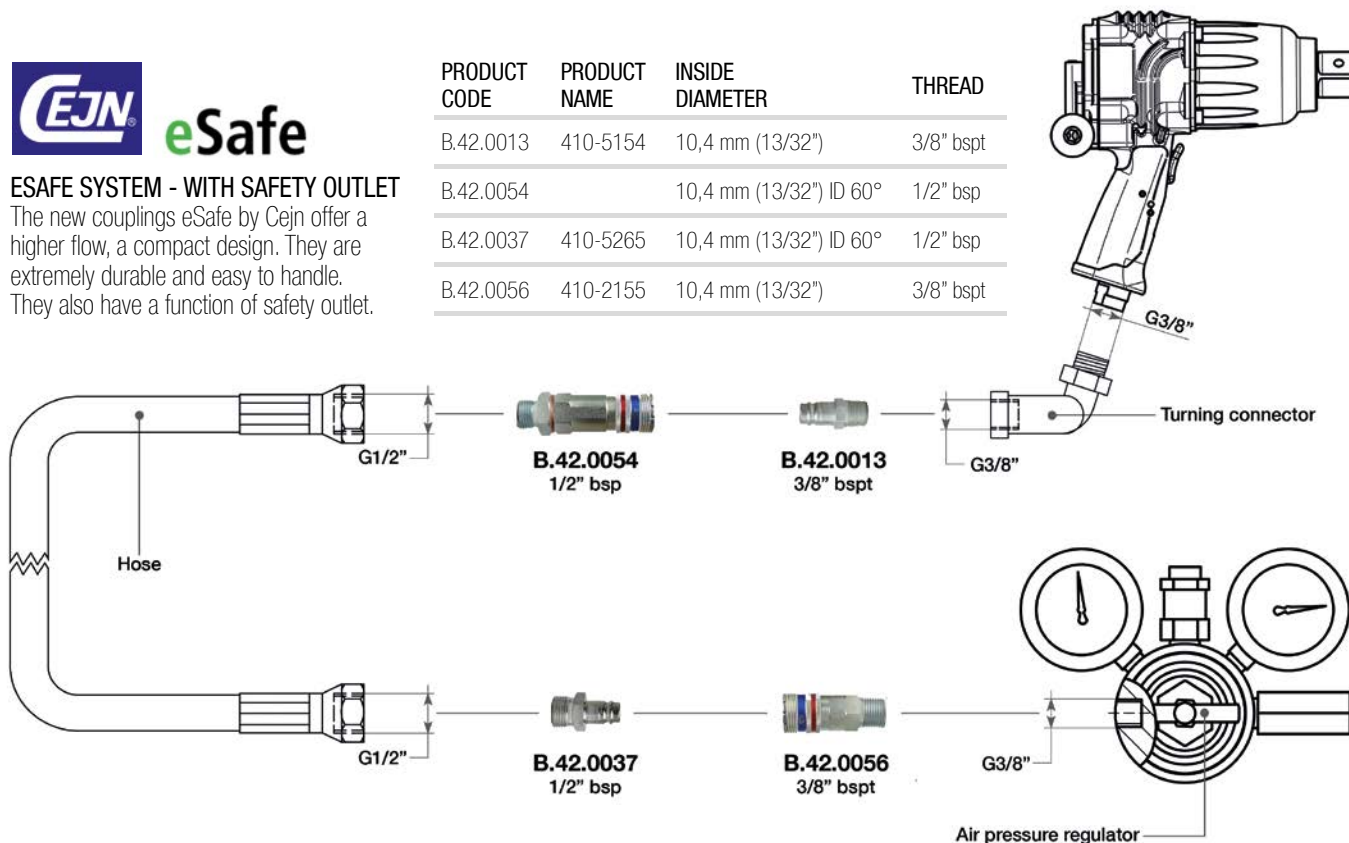
- DP 4000 MG
- DP 4000 30BAR
- DP 6000
- DP 4000 BIAS
- DP 5000 TI MARK II



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.42.0013	410-5154	10,4 mm (13/32")	3/8" bspt
B.42.0054		10,4 mm (13/32") ID 60°	1/2" bsp
B.42.0037	410-5265	10,4 mm (13/32") ID 60°	1/2" bsp
B.42.0056	410-2155	10,4 mm (13/32")	3/8" bspt



QUICK RELEASE COUPLINGS 1/2" (for hose threaded 1/2" bsp)

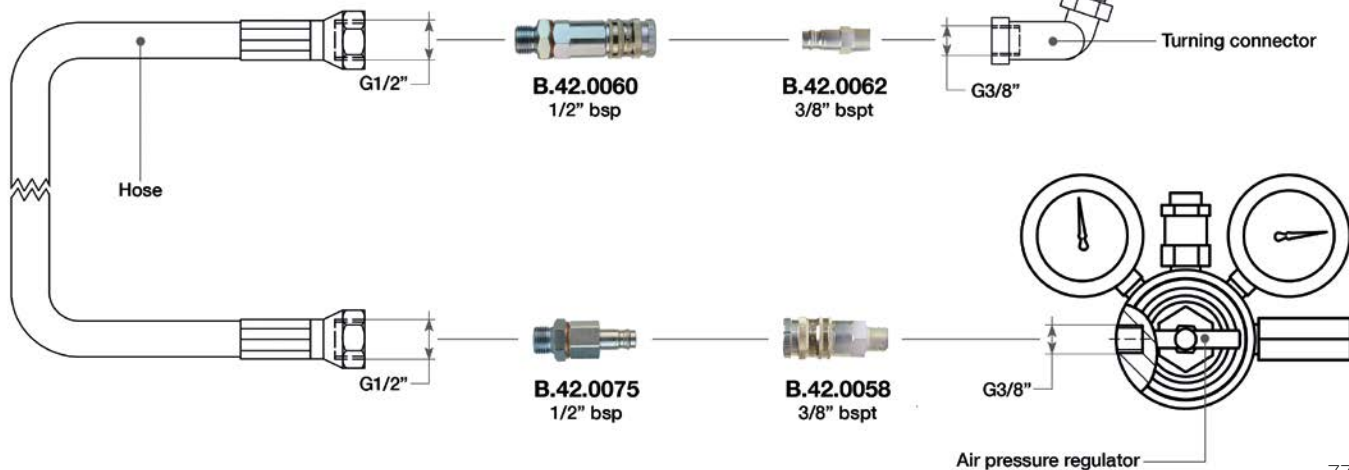
- DP 4000 MG
- DP 4000 30BAR
- DP 6000
- DP 4000 BIAS
- DP 5000 TI MARK II

**BEST
PRACTICE**


HIGH FLOW SERIES - EXTREME USE

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

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0062	442-5154	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	442-1154	10,4 mm (13/32")	3/8" bspt



QUICK RELEASE COUPLINGS 3/8" (for hose threaded 3/8" bsp)

- DP 2000 SE
- DP 197 SFE

- DP 176 SFE
- DP 177 SFE

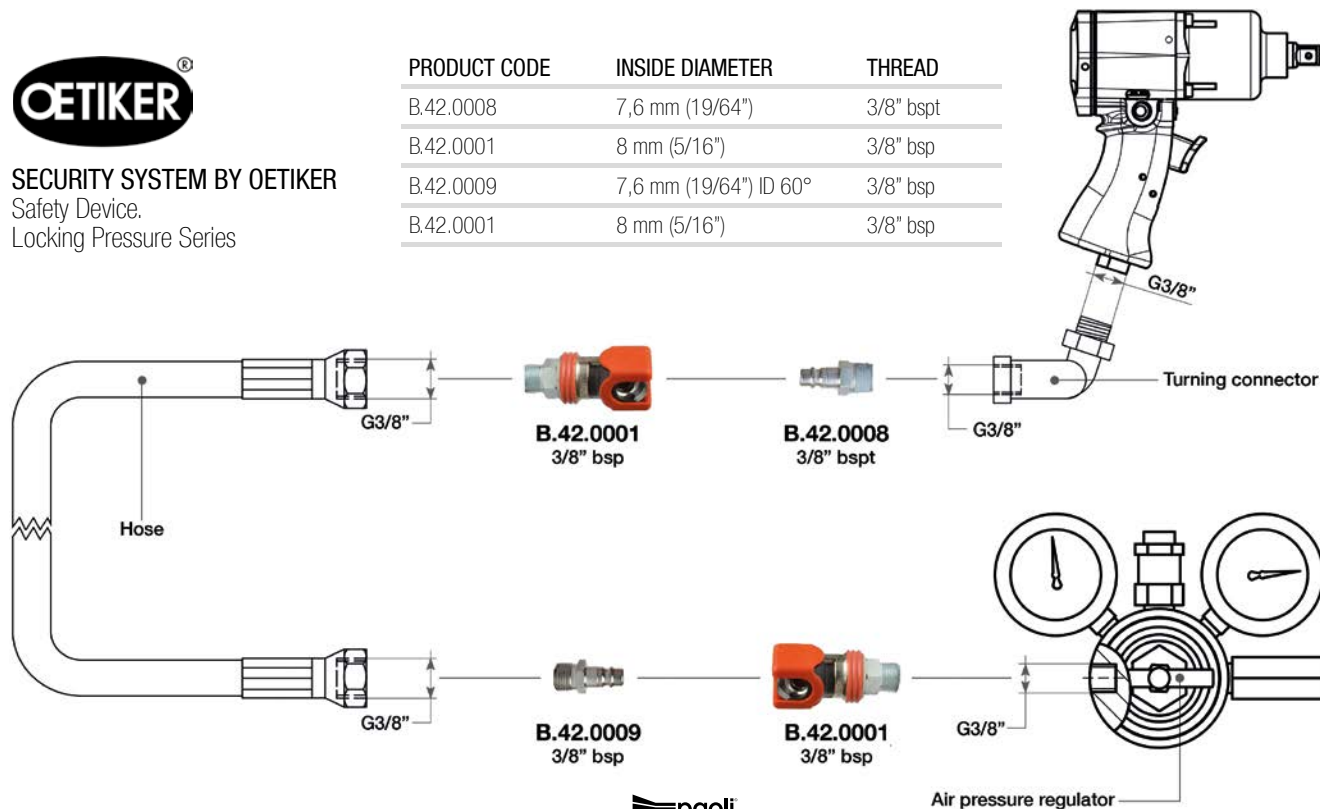
- BLUE DEVIL
- DP 36 SF EVO

- SUPERSPORT



SECURITY SYSTEM BY OETIKER
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



QUICK RELEASE COUPLINGS 3/8" (for hose threaded 3/8" bsp)

- DP 2000 SE
- DP 176 SFE
- BLUE DEVIL
- SUPERSPORT
- DP 197 SFE
- DP 177 SFE
- DP 36 SF EVO

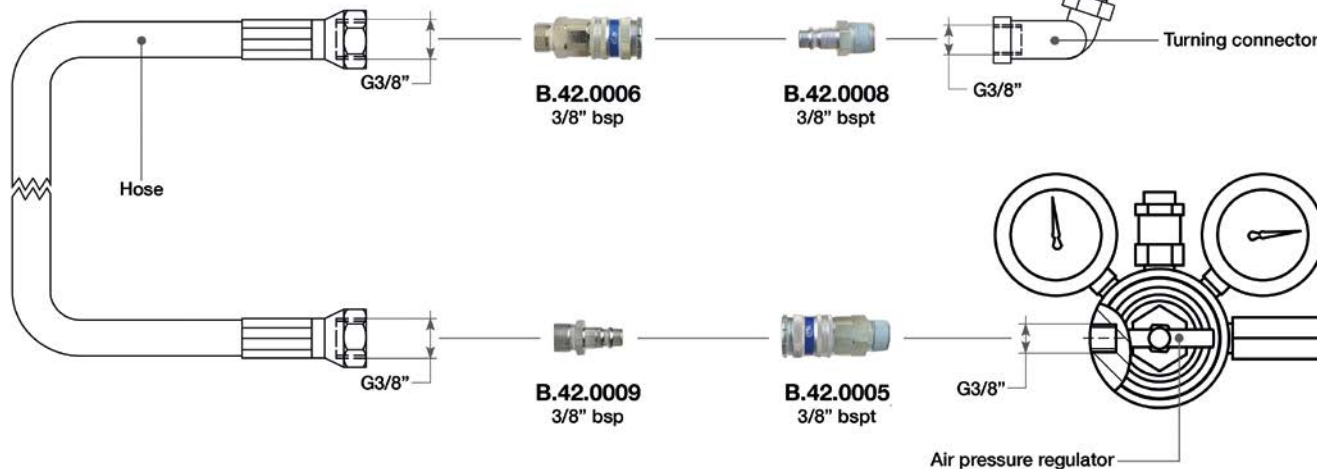
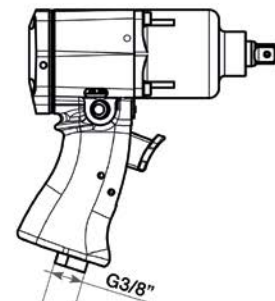
**BEST
PRACTICE**



STANDARD SERIES

Standard series
for daily use

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0008	320-5154	7,6 mm (19/64")	3/8" bspt
B.42.0006	320-1258	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.42.0005	320-1154	7,6 mm (19/64")	3/8" bspt

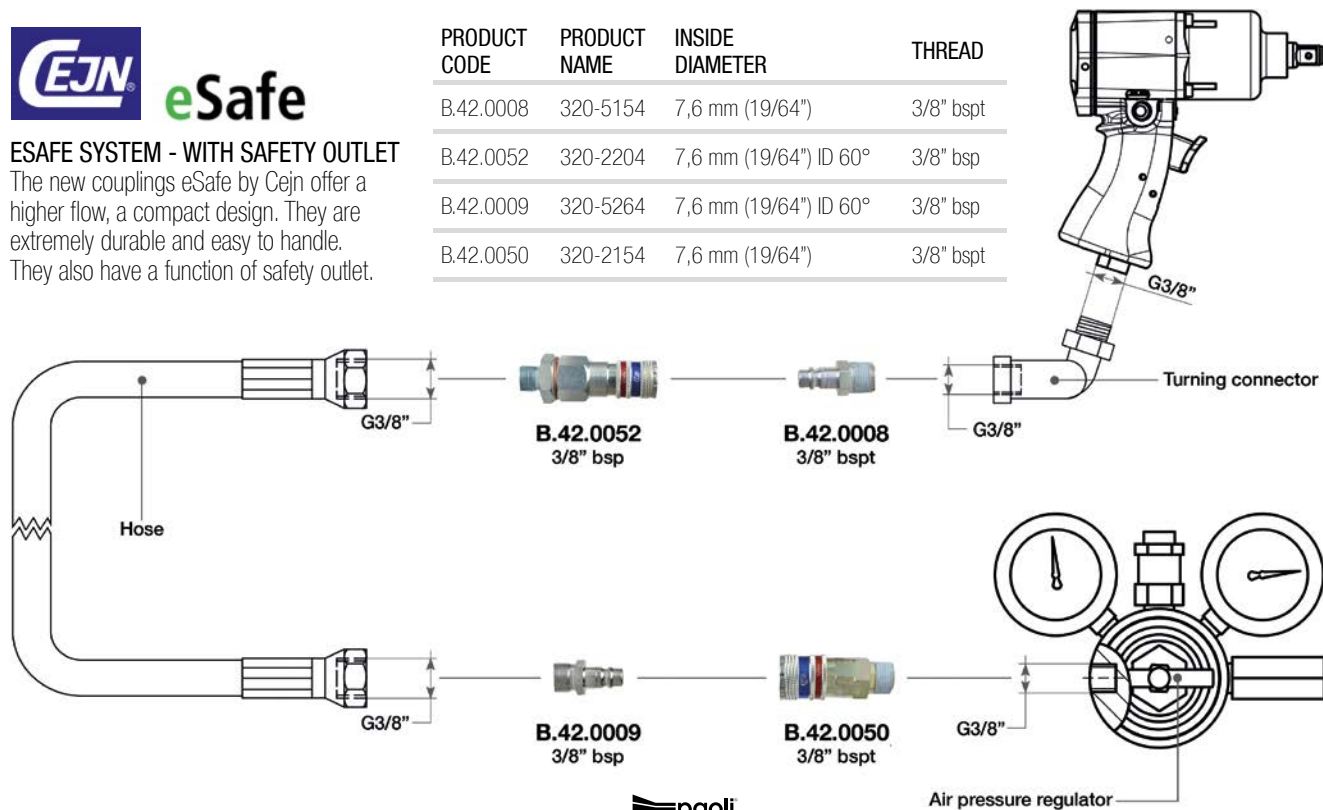


BEST PRACTICE

- 

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



QUICK RELEASE COUPLINGS 3/8" (for hose threaded 3/8" bsp)

- DP 2000 SE
- DP 176 SFE
- BLUE DEVIL
- SUPERSPORT
- DP 197 SFE
- DP 177 SFE
- DP 36 SF EVO

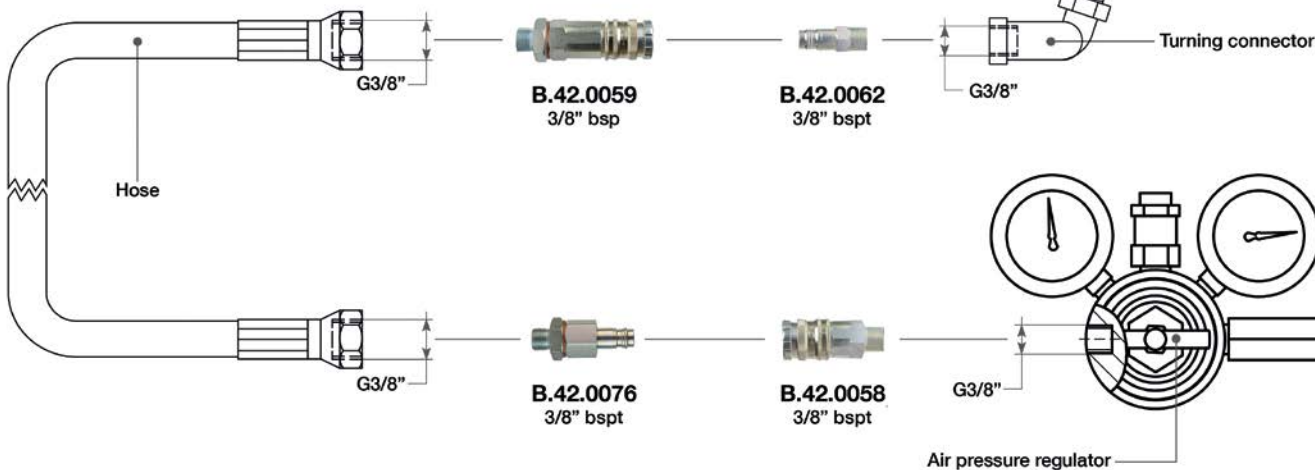
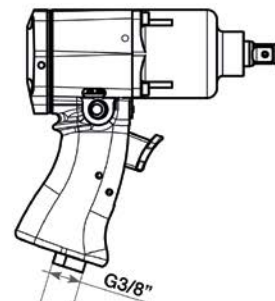
**BEST
PRACTICE**



HIGH FLOW SERIES - EXTREME USE

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

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0062	442-5154	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" bsp
B.42.0058	442-1154	10,4 mm (13/32")	3/8" bspt



HOSES



H75

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

A - SELECT LENGHT

CODE	LENGHT	CODE	LENGHT
B.41.1001	1 m	B.41.1006	6 m
B.41.1002	2 m	B.41.1007	7 m
B.41.1003	3 m	B.41.1008	8 m
B.41.1004	4 m	B.41.1009	9 m
B.41.1005	5 m	B.41.1010	10 m

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	



H20

Technical data - bore size: 10 mm, braid od: 15 mm, working pressure: 20 bar.

A - SELECT LENGHT

CODE	LENGHT	CODE	LENGHT
B.41.7001	1 m	B.41.7006	6 m
B.41.7002	2 m	B.41.7007	7 m
B.41.7003	3 m	B.41.7008	8 m
B.41.7004	4 m	B.41.7009	9 m
B.41.7005	5 m	B.41.7010	10 m

B, C - SELECT COUPLINGS

	ANGLE	1/2"	3/8"	NPT 3/8
Female	0°	B.41.8001	B.41.8002	
	45°		B.41.8005	
	90°		B.41.8008	
Male	0°		B.41.8011	B.41.8020
	45°			B.41.8021
	90°			B.41.8022

HOW TO ORDER

- 1 - select the length of the hose (table A)
- 2 - select the fittings at both ends of the hose (table B/C)

More items and configuration on demand

WHIP HOSES



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



WHSC - B.20.01.0002 Whip Hose w/Swivel Fitting



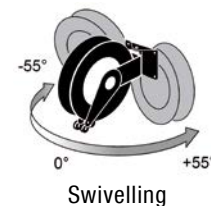
WHTC - B.20.01.0001 Whip Hose w/360° Turning Connector

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	

HOSE REELS



B.33.0001



Swivelling



CAPACITY	(50 / 75 bar hose): 15 / 10,3 m
OVERALL DIMENSIONS	20,5 x 18,1 x 7,3"
WEIGHT	61,73 lb
TYPE OF CONNECTION	1/2" BSP Female

The hose reels are supplied without hose



PAOLI AIR PRESSURE 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 flow oiler to each regulator and to ship them back to us for service

F4 FEATURES

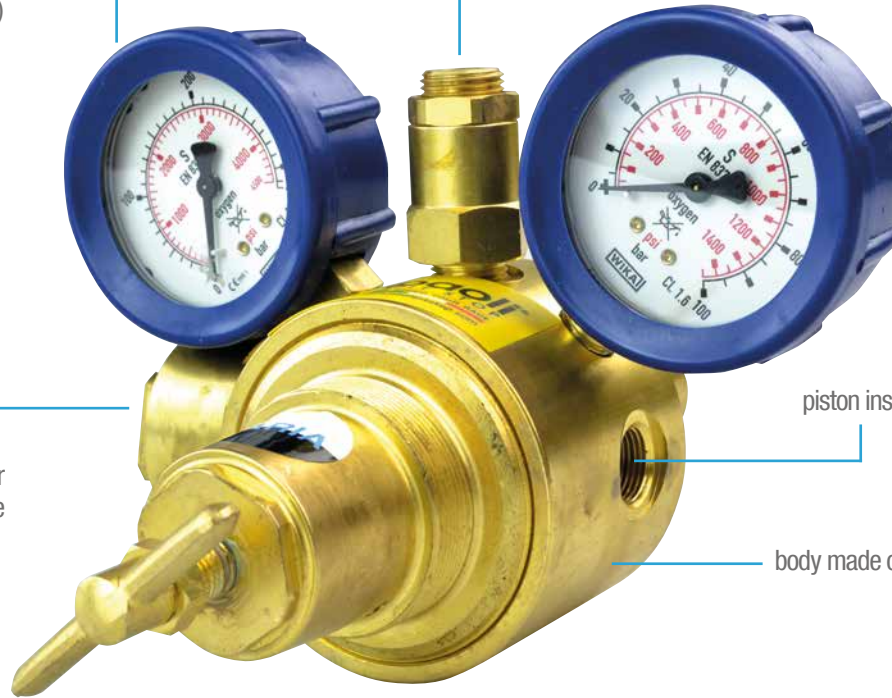
gauges available
with both main
scales (bar/psi)

safety valve adjusted at 50 bar

high flow filter
easy to replace

piston inside

body made of brass



- The “Paoli F4” balanced 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

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 ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-315 bar	0-4000 psi	0-630 bar
GAUGES OUT	0-100 bar	0-1000 psi	0-60 bar
OVER PRESSURE VALVE SETTING	30 bar	30 bar	30 bar
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK			
HIGH FLOW FILTER			
BALANCED			

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 ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-315 bar	0-4000 psi	0-630 bar
GAUGES OUT	0-100 bar	0-1000 psi	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK	•	•	
HIGH FLOW FILTER			
BALANCED			

F4



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 ³ /h	400 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-315 bar	0-4000 psi	0-630 bar
GAUGES OUT	0-100 bar	0-1000 psi	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK	•	•	•
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

F9



CODE	B.40.0006	B.40.0033
INLET PRESSURE	220 bar	220 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h	400 Nm ³ /h
GAUGES IN	0-315 bar	0-4000 psi
GAUGES OUT	0-60 bar	0-1000 psi
OVER PRESSURE VALVE SETTING	40 bar	40 bar
THREAD OUT	3/8" BSP	3/8" BSP
FLOW	high	high
AIRJACK		
HIGH FLOW FILTER	•	•
BALANCED	•	•

F15



CODE	B.40.0048
INLET PRESSURE	300 bar
MAX FLOW (20 BAR/OUT)	500 Nm ³ /h
GAUGES IN	0-4000 psi
GAUGES OUT	0-400 psi
OVER PRESSURE VALVE SETTING	15 bar
THREAD OUT	1/2" BSPT
FLOW	high
AIRJACK	
HIGH FLOW FILTER	
BALANCED	

NEW

F40



CODE	B.40.0049
INLET PRESSURE	300 bar
MAX FLOW (20 BAR/OUT)	700 Nm ³ /h
GAUGES IN	0-630 bar
GAUGES OUT	0-60 bar
OVER PRESSURE VALVE SETTING	40 bar
THREAD OUT	1/2" BSPT
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	
BALANCED	

NEW

G **PRODUCT CARE 120**
Service kit page

G **PRODUCT CARE 120**
Service kit page

GAUGES



Glycerin



Digital

CODE	DIAMETER	CONNECTION	RANGE	GLYCERIN	DISPLAY
B.40.0011	63 mm	1/4" BSP	0-63 bar		analogic
B.40.0012	63 mm	1/4" BSP	0-100 bar		analogic
B.40.0013	63 mm	1/4" BSP	0-315 bar		analogic
B.40.0015	63 mm	1/4" BSP	0-100 bar	X	analogic
B.40.0016	63 mm	1/4" BSP	0-315 bar	X	analogic
B.40.0019	79 mm	1/4" BSP	0-100 bar 0-1500 psi		digital
B.40.0020	79 mm	1/4" BSP	0-400 bar 0-5800 psi		digital
B.40.0025	63 mm	1/4" BSP	0-400 psi		analogic
B.40.0026	63 mm	1/4" BSP	0-4000 psi		analogic
B.40.0028	63 mm	1/4" BSP	0-1000 psi		analogic

HIGH FLOW FILTER



B.45.0005

HIGH FLOW FILTER FOR AIR PRESSURE REGULATOR KIT

Suitable for 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.45.0004

**More speed and performance,
increased reliability on your Paoli gun.**

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

MAX OPERATING PRESSURE	50 bar
EFFECTIVE BOWL VOLUME	200 cm ³
SIZE	1/2" BSP
MOUNTING POSITION	Vertical
BOWL MATERIALE	AISI 316

ACCESSORIES

The following accessories are essential to assemble the oiler:



NIPPLE

Product Code B.42.0078



COUPLING

Product Code B.42.0012

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

Couplings not included



B.42.0073





FIXING NUTS



B.40.0007

Fixing nuts for air pressure regulators
RGPRSF1 - RGPRSF2 - RGPRSF4



AIR BOTTLE CONNECTORS



B.01.0002



B.01.0006



B.01.0007



B.01.0011



B.01.0013



B.01.0017

CODE	WORKING PRESSURE	DESCRIPTION	UNI CODE
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 RGPRSF1, RGPRSF2, RGPRSF4, RGPRSF9
B.01.0017	220 bar	CGA580	use with RGPRSF6, RGPRSF7

AIR BOTTLES



B.22.01.0000
B.22.01.0002



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.

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



C.01.0002 Double

- Just one trolley capable to carry the 15 or the 18 litres bottles.
- The trolley has got a support specifically designed for the PAOLI PIT STOP® Regulators RGPRSF1, RGPRSF2, RGPRSF4.
- 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



C.01.0011

The kit includes:

- No. 1 double trolley
- No. 2 18 litres bottles with double connection
- No. 1 air bottle trolley kit
- No. 1 F4 air pressure regulator.



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.

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 BOTTLES VALVES



B.22.04.0003

This universal connection allows to select from single or double connection.
Universal connection on demand.

AIR BOTTLE HOSE



B.21.0125

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



AIR BOTTLE COMPRESSORS



DPH130



DPH380



DPH220



DPH460

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT	TANK
B.21.0100	DPH130	Single-phase Electric 1,6kW - 2,2HP	130 l/min - 4,6 CFM - 7,8 m3/h	30 bar 435 psi		72 dB	54x60x83 cm 21 1/4x23 5/8x32 11/16 inch	46 kg 102 lb	20 l
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.

Optional: automatic condensate drain (codice b.21.0116)

COMPRESSORS FITTINGS



B.21.0007



B.21.0028



B.21.0065



B.21.0064



B.21.0044



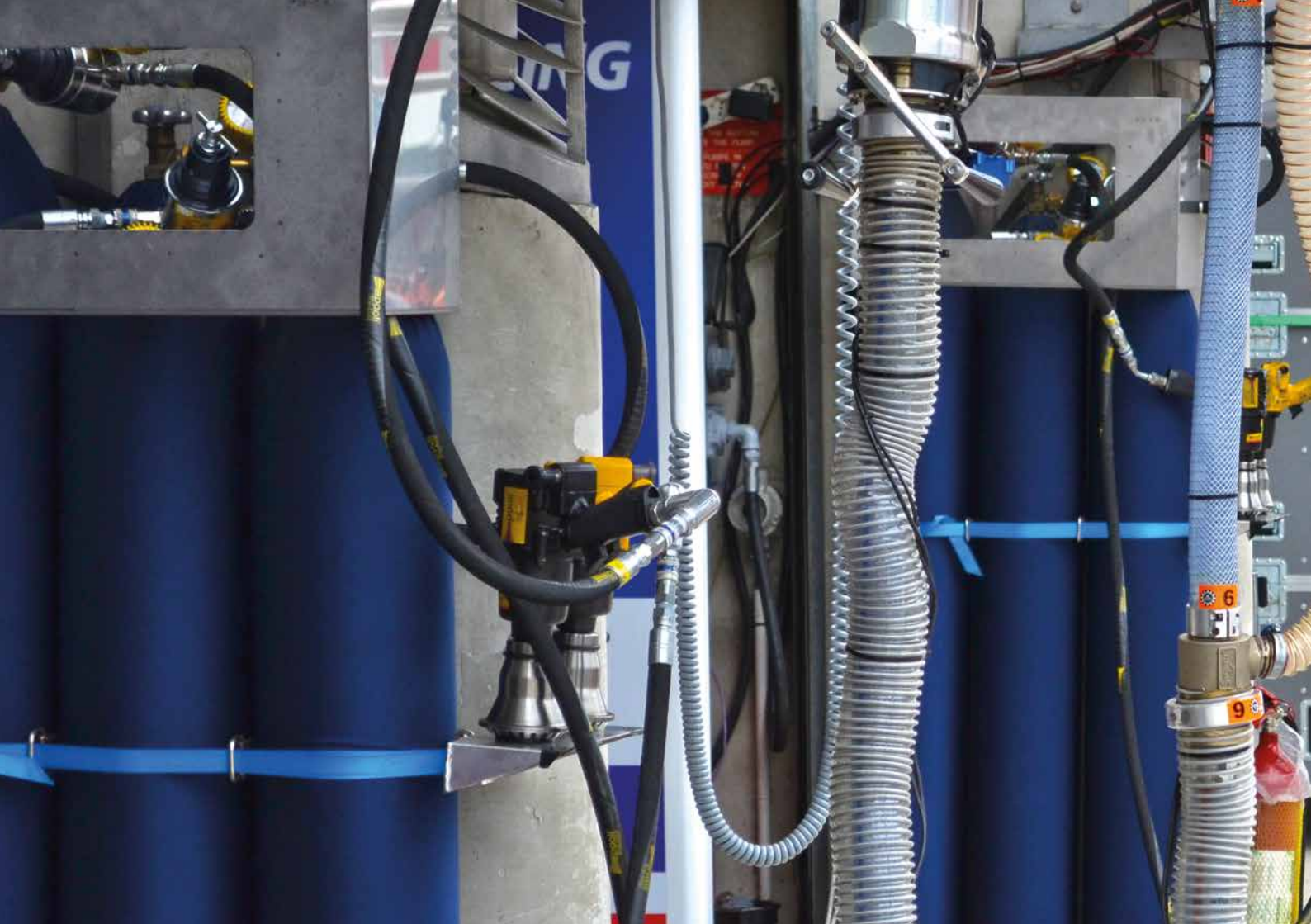
STANDARD - B.21.0024

PRODUCT CODE	DESCRIPTION	
B.21.0007	DIN 230	DIN 230 bar
B.21.0024	DIN 300	DIN 300 bar
B.21.0044	ITALIAN CONNECTOR	ATTACCO ITALIA
B.21.0066	INT YOKE	INT YOKE
B.21.0067	DIN/INT REDUCER	RIDUTTORE DIN/INT
B.21.0014	BC DIN 230	BC DIN 230 bar
B.21.0028	BC ITALIAN CONNECTOR	BC ATTACCO ITALIA
B.21.0065	BC INT	BC INT
B.21.0064	BC DIN 300 USA	BC DIN 300 bar USA
B.21.0025	BC DIN 300	BC DIN 300 bar

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.27.0017	1 l	Oil for compressor pumping unit DPH220, DPH460
B.27.0018	1 l	Oil for compressor pumping unit DPH380





PIT EQUIPMENT

PAOLI PITLANE EQUIPMENT

All you need for the pitlane.

NEW

GREAVES 3D PIT BOOM



GREAVES 3D ENGINEERING 2015 REFUELLING & PIT STOP RIGS NO.1 IN ENDURANCE FUEL RIGS

- Greaves 2015 fuel rig features a fully adjustable carbon fibre 360° rotary boom
- ATL Autonomous fuel tank – fully adjustable fuel tank height
- Professional fuel weighing system and a unique re-fuelling system designed to improve performance and save time in the pits.
- Fully adjustable wheel levelling system
- Integrated high flow air system, optional lighting system – custom solutions available
- Fully extendable drawers with storage drawers and shelves
- 4 x 50L Air Bottle Storage



GREAVES 3D TYRE SCRAPER



NEW



B.39.04.0001

G3D - TS01 - PROFESSIONAL TYRE SCRAPER – 230V & 120V

- 230V /50Hz – European and UK adaptor plug – 2000W 100 - 600°C Temperature Range
- 120V /60 Hz - 2 Pin US and Japanese plug – 1500W 100 - 600°C Temperature Range
- 300-600L/Min Maximum airflow – 100 - 600°C Temperature Range
- Ergonomically designed to increase productivity
- Integrated heat gun with variable temperature and fan speed
- Avoid damaging tyre compound by using unsuitable tools and or excessive temperature
- Suitable for all forms of racing from karting, single seaters, GT and sports cars right up to F1
- Ideal for cleaning up slick tyres

Prolong the life of your tyres with this device.



AIRJACK SAFETY PROP



LL-90 - LL-91

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

CARLIFTER



LL-20 CL

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK
TWO-STAGE ELEPHANT LEG <i>KRONTEC</i>	LL-20 CL	B.37.04.0007		60 mm	LL-21, LL-22, LL-23, LL-24
	LL-20 CL-PP	B.37.04.0008		60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
	LL-30 CL	B.37.04.0009		50 mm	LL-31, LL-32
	LL-30 CL-PP	B.37.04.0010		50 mm	LL-31-150, LL-32-150
TWO-STAGE ELEPHANT LEG <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

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

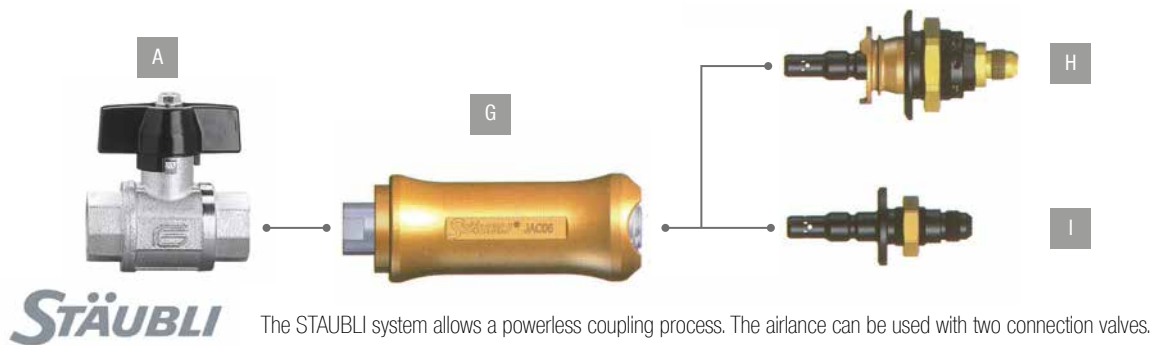
LL-23
"PROFESSIONAL"
KRONTEC

LL-24
"STANDARD"

KRONTEC

STÄUBLI

AIRLANCE



AIRLANCE

	PRODUCT NAME	PRODUCT CODE	THREAD	OPERATING PRESSURE	SIZE
A		B.37.03.0006	3/8" BSP female	100 bar	
B		B.37.03.0007	M16x1,5 male 3/8" BSP male		
C	LL-03	B.37.01.0001	M16 x 1,5 female	0-40 bar	L 230 x D 37 mm
D	LL-16	B.37.03.0002	D-06 9/16-18 UNF	0-40 bar	L 86 mm
E	LL-13	B.37.03.0001	D-06 9/16-18 UNF	0-40 bar	L 81 mm
F	LL-16 plus	B.37.03.0003	D-06 9/16-18 UNF	0-40 bar	L 86 mm
G	JAC 06.1102	B.37.01.0002	3/8" BSP female	15-40 bar	L 130 x D 48 mm
H	JAC 06.5655	B.37.03.0004	D-06	15-40 bar	L 102 mm
I	JAC 06.4655	B.37.03.0005	D-06	15-40 bar	L 83 mm

FRONT & REAR AIR JACK TROLLEYS



B.37.05.02.0001



B.37.05.02.0002



B.37.05.02.0003

B.37.05.02.0004



B.37.05.02.0005

B.37.05.02.0006

Pneumatic air jacks to lift racing cars of all types of formula and gt cars / The attachments can be adapted to your model car and championship / Special attachments are available on request if car drawings and pictures are supplied / 4 Light version available

PRODUCT CODE	DESCRIPTION	NOTE
B.37.05.02.0001	Front Air Jack	Usable in most championships except for GP2, GP3, WSR 3.5, Superleague. In any case the championship and/or the car must be known.
B.37.05.02.0002	Rear Air Jack	
B.37.05.02.0003	Front Air Jack	Usable in GP2, GP3, WSR 3.5, Superleague. In any case the championship and/or the car must be known.
B.37.05.02.0004	Rear Air Jack	
B.37.05.02.0005	Front Air Jack	Whitout shovels. If the customer fabricates special shovels for their car.
B.37.05.02.0006	Rear Air Jack	

FLIGHT CASES



PRODUCT CODE	DIMENSION	WEIGHT	DESCRIPTION
B.48.0001	99 X 76 X 89 H cm	98,50 kg	for tools, accessories and pit equipment
B.48.0002	73 x 44 x 56 H cm	13,80 kg	for Paoli compressors DPH220
B.48.0003	88 X 54 X 70 H cm	32,50 kg	for Paoli compressors DPH460

Customizations available:

- Overall dimensions
- Drawers configuration
- Logo engraving
- Many finishes of color available (embossed, quartz and smooth)
- Many colors available



B.48.0001



B.48.0003



B.48.0002

PAOLI PIT STOP HELMETS

MADE IN ITALY

- Shell in HTR (High Thermoplastic Resin)
- Ultra-resistant painting
- INNER LINING removable and washable
- MICROMETRIC BUCKLE
- GOGGLE STRAP HOLDER on the back, to keep the strap of the goggle in place
- DAF VENTILATION system (Direct Air Flux) easy system of regulating the temperature inside the helmet
- NEW MIRROR VISOR ANTI-FOG and ANTI-SCRATCH:
equipped with a rubber trim that run along the visor offering additional comfort and protection to the face of use.

FOR PIT STOP USE ONLY!

B.38.04.01.0004 CHIN GUARDS
Polyurethane Chin guards to protect from the cold and small bumps. Black.



PRODUCT NAME	PRODUCT CODE	SIZE	COLOR
PIT STOP HELMET	B.38.04.01.0001	MEDIUM / 58	BLACK MATTE HELMET - MIRROR VISOR
PIT STOP HELMET	B.38.04.01.0002	LARGE / 60	BLACK MATTE HELMET - MIRROR VISOR
PIT STOP HELMET	B.38.04.01.0003	X-LARGE / 61	BLACK MATTE HELMET - MIRROR VISOR
CHIN GUARDS	B.38.04.01.0004	ONE SIZE	BLACK

GLOVES



PRODUCT NAME	PRODUCT CODE	SIZE	COLOURS	NOTE
FAST FIT®	B.38.01.01.0001	S	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.38.01.01.0002	M		
	B.38.01.01.0003	L		
	B.38.01.01.0004	XL		
M-PACT® 2	B.38.01.01.0025	S	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.38.01.01.0026	M		
	B.38.01.01.0027	L		
	B.38.01.01.0028	XL		
ORIGINAL® GLOVE	B.38.01.01.0005	S	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.38.01.01.0006	M		
	B.38.01.01.0007	L		
	B.38.01.01.0008	XL		
	B.38.01.01.0009	S	red	
	B.38.01.01.0010	M		
	B.38.01.01.0011	L		
	B.38.01.01.0012	XL		
B.38.01.01.0013	S	blue		
B.38.01.01.0014	M			
B.38.01.01.0015	L			
B.38.01.01.0016	XL			
ORIGINAL® VENT	B.38.01.01.0017	S	white	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.38.01.01.0018	M		
	B.38.01.01.0019	L		
	B.38.01.01.0020	XL		
	B.38.01.01.0021	S	black	
	B.38.01.01.0022	M		
	B.38.01.01.0023	L		
	B.38.01.01.0024	XL		



FAST FIT®



M-PACT® 2



ORIGINAL® GLOVE



ORIGINAL® VENT





PRODUCT CARE

SERVICE AND REPAIR

Assistance and overhaul.



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

S

R

T

C

SERVICE
REPAIRSERVICE
REPAIR
REPAINT

TEST

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.			✓	
MAGNETOSCOPIC INSPECTION The method is designed for the inspection of small parts through fluorescent magnetoscopic inspection.			✓	

**FAQ***Frequently asked questions and answers from page***124**










WHEEL GUNS SERVICE CODES






S

R

T




C

DP 6000	R.01.01.01.0049	R.01.01.01.0050	R.05.01.01.0001		
DP 5000 TI	R.01.01.01.0040	R.01.01.01.0041	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	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.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		
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

WHEEL GUNS SERVICE CODES	S	R	T	C	
DP 197 SFE DP 197 SF DP 197 S DP 196 S	R.01.01.01.0009	R.01.01.01.0010	R.05.01.01.0001	LH  RH	R.02.01.01.0016
				RH  LH	R.02.01.01.0017
				LH / RH  UH	R.02.01.01.0033
DP 176 SFE DP 177 SF	R.01.01.01.0046	R.01.01.01.0047	R.05.01.01.0001		
DP 176 SF	R.01.01.01.0007	R.01.01.01.0008	R.05.01.01.0001	LH  RH	R.02.01.01.0025
				RH  LH	R.02.01.01.0026
BLUEDEVIL	R.01.01.01.0026	R.01.01.01.0027	R.05.01.01.0001		
DP 36 SF	R.01.01.01.0021	R.01.01.01.0022	R.05.01.01.0001		
DP 36 SF EVO	R.01.01.01.0034	R.01.01.01.0035	R.05.01.01.0001		
MAGNETOSCOPIC INSPECTION			R.05.01.01.0002		

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

AIR PRESSURE REGULATOR SERVICE & REPAIR

PRODUCT NAME	GAUGES	CODE
F1		STANDARD R.01.03.0001
		GLYCERIN R.01.03.0008
F2		STANDARD R.01.03.0003
		GLYCERIN R.01.03.0010
F4		STANDARD R.01.03.0003
		GLYCERIN R.01.03.0009

PRODUCT NAME	GAUGES	CODE
F9		STANDARD R.01.03.0014
F15		STANDARD R.01.03.0021
F40		STANDARD R.01.03.0022

ACCESSORIES SERVICE & REPAIR

PRODUCT NAME

GAUGES

CODE

AIR BOTTLES



SERVICE

R.01.03.0011

PETROL ENGINE COMPRESSOR



SERVICE

R.01.03.0005

ELECTRIC COMPRESSOR



SERVICE

R.01.03.0004

PRODUCT NAME

GAUGES

CODE

HOSES



SERVICE

R.01.03.0006

COUPLINGS



OETIKER DN11

SERVICE

R.01.03.0017

COUPLINGS

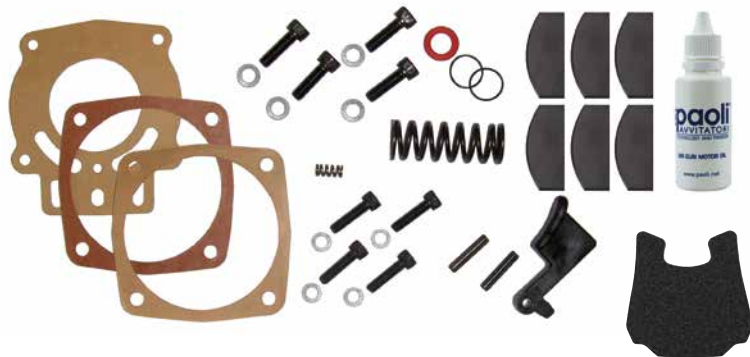


OETIKER DN8

SERVICE

R.01.03.0016

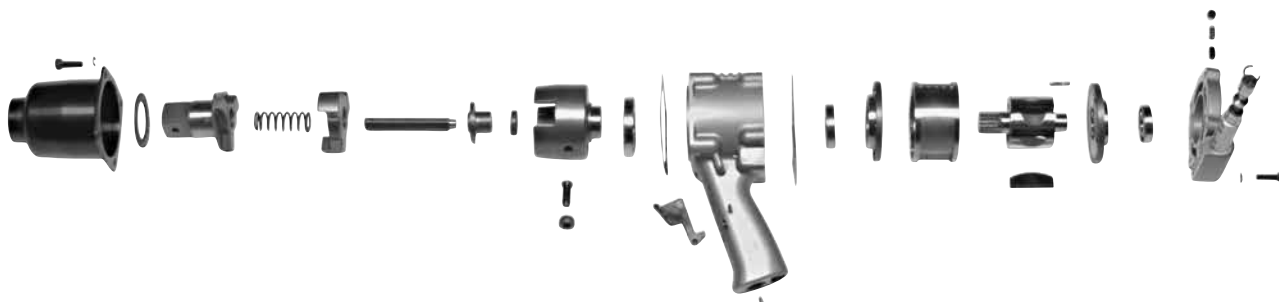
SERVICE KIT



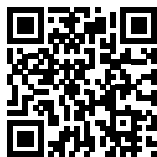
CODE	PRODUCT NAME	AVAILABLE FOR
B.23.0138	KIT6000	DP 6000
B.23.0108	KIT5000TI	DP 5000 TI
B.23.0123	KIT400030BAR	DP 4000 30BAR
B.23.0079	KIT4000MG	DP 4000 MG
B.23.0048	KIT4000	DP 4000
B.23.0107	KIT4000BIAS	DP 4000 BIAS
B.23.0001	KIT2000S	DP 2000 S, SE
B.23.0089	KITSUPERSPORT	SUPERSPORT
B.23.0002	KIT197SF	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
B.23.0104	KIT36SFEVOUS	DP 36 SF EVO US
B.40.0052	KITF4	F4
B.40.0053	KITF9	F9
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.

WHEEL GUNS 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 or refer to our website:



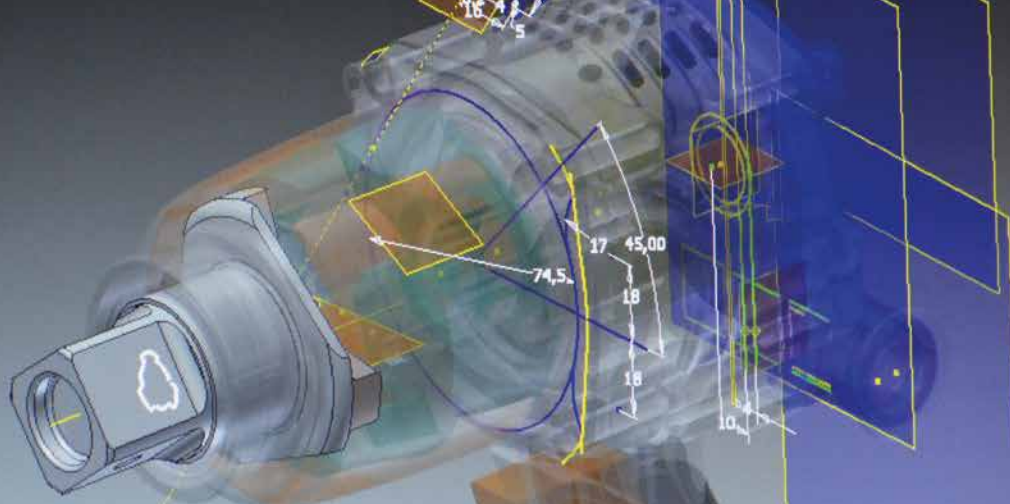
www.paoli.net/spareparts

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 Sale Service for information.



www.paoli.net/productcare



ENGINEERING

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

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

Dino Paoli is, in fact, now able to offer those who request it, an Engineering service which consists in the joint development with the customer of variations of wheel guns components customised according to various 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.

We also have a range of suppliers skilled in heat treatments, who are capable of accurately identifying the expected mechanical characteristics.

A blue-toned image showing a wireframe model of a complex, curved structure, possibly a dome or a large container, with several bright, circular light sources in the background.



popoii
MADE IN ITALY

popoii



FAQ

FREQUENTLY ASKED QUESTIONS

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 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).

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 I have 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 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 a 2-port and a 3-port back cover?

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.

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.

What is the fluorescent magnetoscopic inspection?

The method, designed for the inspection of small parts, consists of a component immersion in a detecting fluid. Through the magnetization the fluorescent particles are attracted and finally a UV lamp reveals defects and non-compliances.



A close-up photograph of an automotive engine compartment, showing various metal parts, bolts, and hoses. The lighting is warm and focused on the central area where the text is overlaid.

AUTOMOTIVE PRODUCTS

NOT FOR RACING APPLICATIONS

Discover Paoli automotive products.

AUTOMOTIVE IMPACT WRENCHES



DISCOVER OUR AUTOMOTIVE IMPACT WRENCHES FOR GARAGE APPLICATIONS

Paoli automotive products are designed for optimal garage use.

Our automotive impact wrenches are created to be lightweight and easy to handle.

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

You can find Paoli automotive products at www.paoli.net.

ATTENTION: NOT FOR RACING APPLICATIONS.

The company does not guarantee the use of these products at a working pressure over 6.5 bar.

DP 1050 (SHORT ANVIL)



PRODUCT NAME	DP 1050
PRODUCT CODE	001050.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
ULTIMATE TORQUE	700 Nm (518 ft-lb)
WORKING TORQUE	100-600 Nm (74-444 ft-lb)
WEIGHT	1,3 kg (2.87 lbs)
FREE SPEED	9.000 rpm
IMPACTS NUMBER	1.150/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 246 (LONG ANVIL)



ANVIL LENGTH
169 mm (6.65")



PRODUCT NAME	DP 246 AL
PRODUCT CODE	000246.00003
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
ULTIMATE TORQUE	2796 Nm (2069 ft-lb)
WORKING TORQUE	589-1.373 Nm (436-1016 ft-lb)
WEIGHT	9,17 kg (20,2 lbs)
FREE SPEED	4.200 rpm
IMPACTS NUMBER	750/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm (0.512")
LENGTH (WITHOUT ANVIL)	249 mm (9.8")
SIDE TO CENTER	50 mm (1.97")



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