

WPT

480 - 600 - 720

Technical catalogue

Catálogo técnico

Technischer Katalog



Battioni®
Pagani

Setting the pace since 1953

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**Battioni®
Pagani**

Setting the pace since 1953

Overpressure valve as standard

Valvola di sovrappressione di serie
Überdruckventil als Serie

Selector vacuum - pressure

Selettore Vuoto - Pressione
Wähler von Vakuum/Druck

Automatic lubrication pump as standard

Pompa di lubrificazione automatica di serie
Automatische Schmierung als Serie



Integrated cooling pump as standard

Pompa di raffreddamento integrato di serie
Integrierte Kühlpumpe

Painting RAL 7021, resistant to 240 hours corrosion protection – salt- and fog/haze tested

Verniciatura RAL 7021, resistente a 240 ore di esposizione in nebbia salina

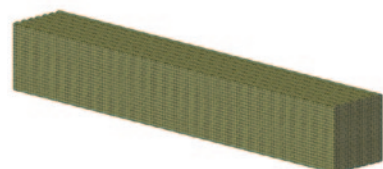
Lackierung RAL 7021, beständig gegen 240 Stunden Salz- und Nebeltest

High wearing resistance thanks to cast-iron with high hardness

Elevata resistenza ad usura grazie a ghisa ad alta durezza
Hohe Festigkeit zu Abnutzung für Gußeisen mit hohe Härte

Depression valve as standard

Valvola di regolazione vuoto di serie
Unterdruckventil als Serie

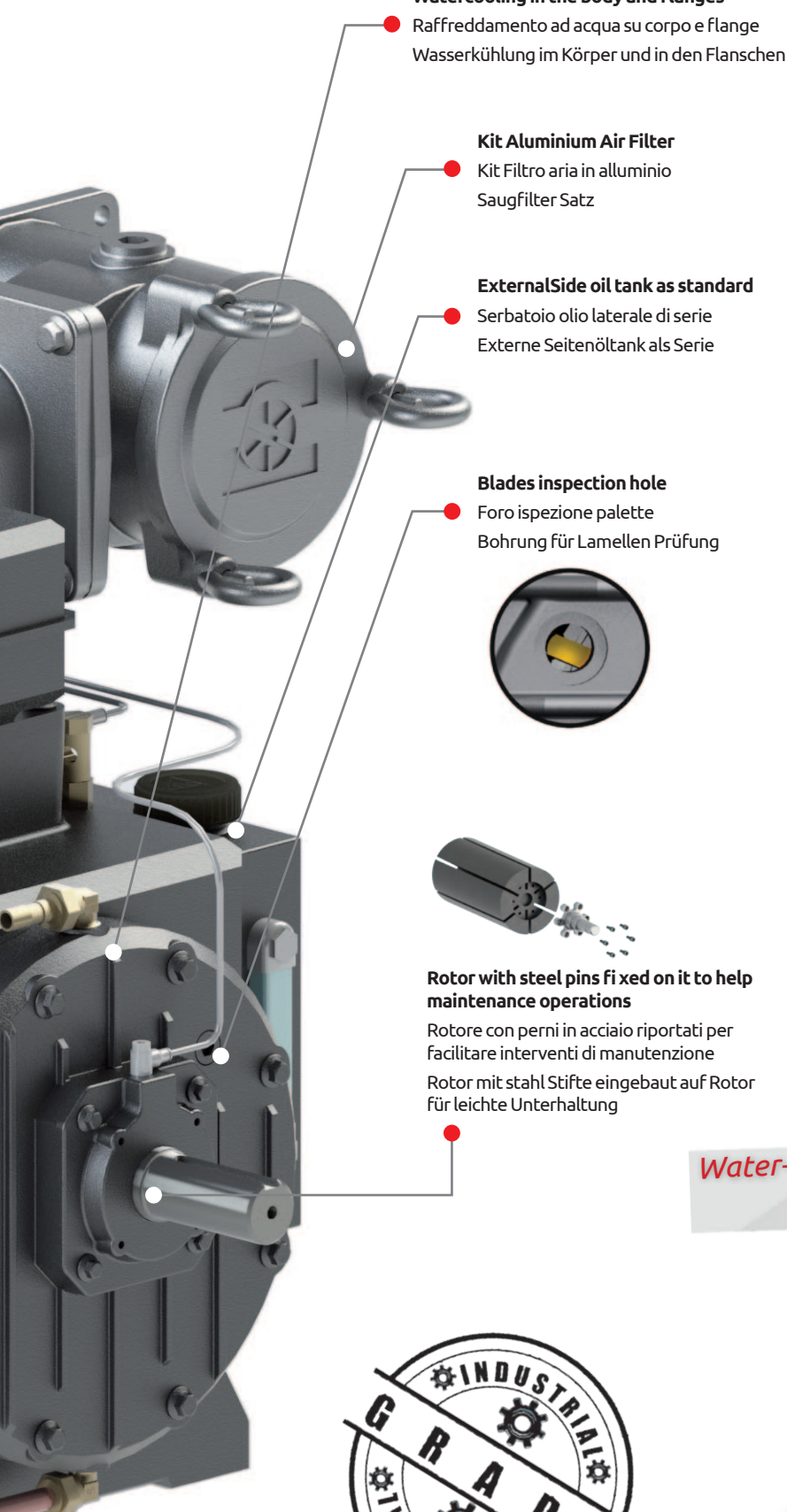


Long Life Blades as standard

Palette Long Life di serie
Long Life Schaufeln als serie



LIQUID COOLED -
ROTARY VANES
VACUUM/PRESSURE
PUMPS



Watercooling in the body and flanges
 Raffreddamento ad acqua su corpo e flange
 Wasserkühlung im Körper und in den Flanschen

Kit Aluminium Air Filter
 Kit Filtro aria in alluminio
 Saugfilter Satz

External Side oil tank as standard
 Serbatoio olio laterale di serie
 Externe Seitenöltank als Serie

Blades inspection hole
 Foro ispezione palette
 Bohrung für Lamellen Prüfung



Rotor with steel pins fixed on it to help maintenance operations
 Rotore con perni in acciaio riportati per facilitare interventi di manutenzione
 Rotor mit stahl Stifte eingebaut auf Rotor für leichte Unterhaltung



VERSIONS



WPT - MFR/
MAFR



WPT - PFR



WPT - DFR



WPT - HFR

Liquid cooled - Rotary
Vanes Vacuum/Pressure
pumps

Water-cooling on housing and flanges



The picture is only for informative purpose.
 See the table on page 81 for the complete list of the available optionals.



WPT

480 - 600 - 720



Setting the pace since 1953

WPT – The everlasting

The WPT pump series features liquid cooled housing and flanges enabling continuous operation in vacuum and in pressure modes.
 The WPT has been designed with no structural strength compromises: cast iron housing walls are 35mm thick!
 The WPT oversized robust construction makes this pump ideal for heavy duty applications where long time continuous non-stop operation is required (i.e. oil fields, combined vacuum trucks, industrial applications).
 The WPT series is the ideal choice for professional users and contractors.

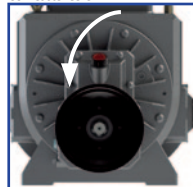


STANDARD FEATURES

- Automatic lubrication (3 or 4 points), cooling pump, 4-ways valve, check valve, Side outlets with revolving elbows, Vacuum relief valve, overpressure valve.
- Available hoses connections: Ø 76 mm (3") / Ø 80 mm / Ø 100 mm (4")

VERSIONS

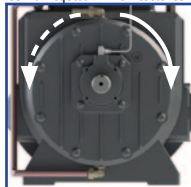
CCW as standard



Version MFR-MAFR

Splined shaft
1"3/8 - Z6 ISO 500

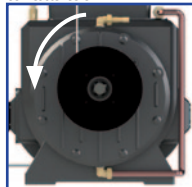
CCW on request CW as standard



Version PFR

Smooth Cylindrical shaft,
Ø 40, lenght 90 mm
Parallel key UNI 6604

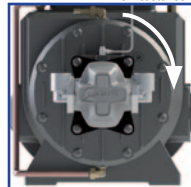
CCW as standard



Version DFR

Splined shaft
1"3/8 - Z6 ISO 500

CW as standard



Version HFR

Group 4
86,56 cc/rev - Pmax 280 bar
-In G 1"1/4 - Out G 1" 1/2

TECHNICAL DATA

	Geometrical capacity			Max rpm			Max abs pressure Bar/PSI	Max vacuum % (inHg)	Max continuous vacuum % (inHg)	Power at max vacuum kW (HP)	Weight kg				
	m ³ /h	l/min	cfm	MFR	MAFR	PFR/DFR/HFR					MFR	PFR	DFR	HFR	MAFR
WPT 480	582	9700	342,5	600	1000	1200	2.5 (36)	95% (28,5")	80% (24")	27 (36,2)	273	260	260	269	273
WPT 600	708	11800	416,7	600	1000	1200	2.5 (36)	95% (28,5")	80% (24")	30 (40,2)	320	309	309	316	320
WPT 720	852	14200	501,4	600	1000	1200	2.5 (36)	95% (28,5")	80% (24")	35 (46,9)	369	358	358	365	369

OPTIONALS



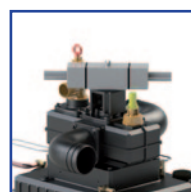
Kit Aluminum Final Air filter 1300
Code 6080200291



Hydraulic Revolving Changeover
Code 5090000010



Pneumatic Revolving Changeover
Code 6080200116



Pneumatic Revolving Changeover - 3 positions
Code 6080200294



Battioni Vacuum Pump Oil
Code 5070200100



Customized Painting



ACCESSORIES



Primary Overflow Valve – Two Balls

Code 6100200030 - Ø76
Code 6100200025 - Ø80
Code 6100200026 - Ø100
Iron ring to be welded
Weight: 13,9/14,0 kg



Primary Overflow Valve – One SS Ball

Code 6100200027 - Ø80 SS
Code 6100200028 - Ø100 SS
Ball material: AISI 316
Iron ring to be welded
Weight: 13,8/13,9 kg



Filter - Silencer

Code 5090000026 - Ø100
WPT 600-720
Code 5090000025 - Ø80
WPT 480
Weight: 13 kg



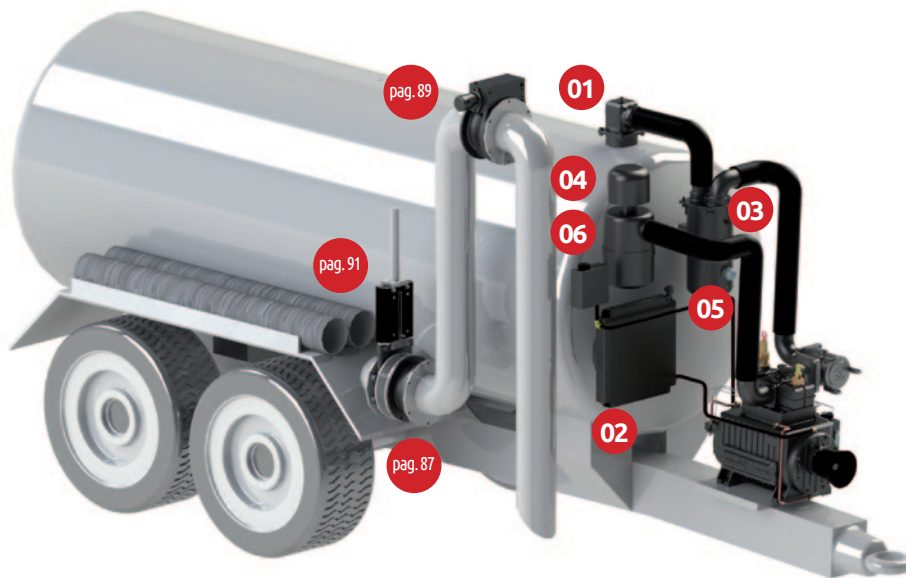
Rain Cap

Code 5090000062
WPT 600-720
Code 5090000061
WPT 480
Weight: 0,4 kg



Pre-filter

Code 5090000047
WPT 600-720
Code 5090000046
WPT 480
For Filter/silencer only
Weight: 1,1 kg

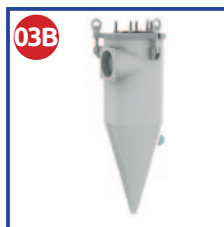


Tank with side pipe



Cyclon valve -1100

Code 6100200033 - Ø100
Housing: Galvanized Mild Steel
Cover: aluminum
Weight: 35 kg



Cyclon valve -1100 SS

Code 6100200034 - Ø100
Housing: AISI 304
Cover: aluminum
Weight: 35 kg



Secondary Valve - Two Balls

Code 6100200035 - Ø76
Code 6100200021 - Ø80
Code 6100200022 - Ø100
Weight: 35,6/20,5 kg



Discharge valve

Code 5040200015 - 1" 1/2
To be fitted on Cyclon valves
Code 5040200014 - 1"
To be fitted on Secondary valve



Gauge - Ø 80 mm Axial Connection

Code 5101700007
To be fitted on Secondary valve



Air-Water Cooler with Thermostat

Code 5090000081 - 12V
Code 5090000082 - 24V
Weight: 17,8 kg