



MEC

5000 - 6500 - 8000



Battioni®
Pagani

Setting the pace since 1953

MEC 5000 / 6500 / 8000 – The Legend

More than 500.000 MEC pumps have been put in operation to empty cesspits and transport slurry in agricultural and industrial applications. The reliability and strength of the MEC is the result of continuous design and manufacturing improvements accomplished during 40 years of deployments.



STANDARD FEATURES

- Forced lubrication, 4-ways valve, check valve
- Thread for Overpressure valve: G 1"1/2
- Available hoses connections: Ø 60 mm / Ø 76 mm (3") / Ø 80 mm

VERSIONS

CCW as standard



Version M
Splined shaft
1"3/8 - Z6 ISO 500

CCW on request



Version P
Smooth Cylindrical shaft
Ø 32, lenght 70 mm
Parallel key UNI 6604

CW as standard



Version D
Splined shaft
1"3/8 - Z6 ISO 500

CCW as standard



Version HM
125.7 cc/rev-
Pmax 175 bar
In G 1/2" - Out G 1/2"

NEW

CW as standard



Version H
MEC 5000: Group 3.5 43.98 cc/rev - Pmax 250 bar - In G 1" - Out G 1"
MEC 6500: Group 3.5 43.98 cc/rev - Pmax 250 bar - In G 1" - Out G 1"
MEC 8000: Group 3.5 51.83 cc/rev - Pmax 230 bar - In G 1" - Out G 1"

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				
	m³/h	l/min	cfm	M/HM	P/D/H					M	P	D	H	HM
MEC 5000	369	6150	217	600	1400	2,5 (36)	94% (28,0")	60% (18")	11 (14,7)	130	121	121	136	132
MEC 6500	420	7000	247	600	1400	2,5 (36)	94% (28,0")	60% (18")	12,5 (16,7)	148	139	139	154	150
MEC 8000	486	8100	286	600	1400	2,5 (36)	94% (28,0")	60% (18")	16 (21,4)	160	151	151	167	162

OPTIONALS



Long Life Blades



Automatic Lubrication
MEC 5000: Single lubrication points
MEC 6500-8000: Double lubrication points



Side Outlet
With two revolving elbows



Double Outlet
Ø 60 mm



Revolving Elbow
Ø 60 mm /
Ø 76 mm (3") /
Ø 80 mm



EN 707 Lever
Code 6080200161



Hydraulic Changeover
Code 6080200175



Hydraulic Revolving Changeover
Code 5090000073



Pneumatic Revolving Changeover
Code 6080200114



Kit Aluminum final air filter 500
Code 6080200363



Kit Valves and manometer tree 1" 1/2
Code 6080200392



Customized Painting

OPTIONALS



Battioni Pagani Vacuum Pump Oil 5 lt.
Code 5070200100

NEW



Battioni Pagani Flushing Fluid 5 lt.
Code 5070200102

NEW



Flushing Kit
Code 6080200325

MEC

5000 - 6500 - 8000



Air cooled - Rotary Vanes Vacuum/Pressure pumps

ACCESSORIES

01



Vacuum Relief Valve 1 1/2

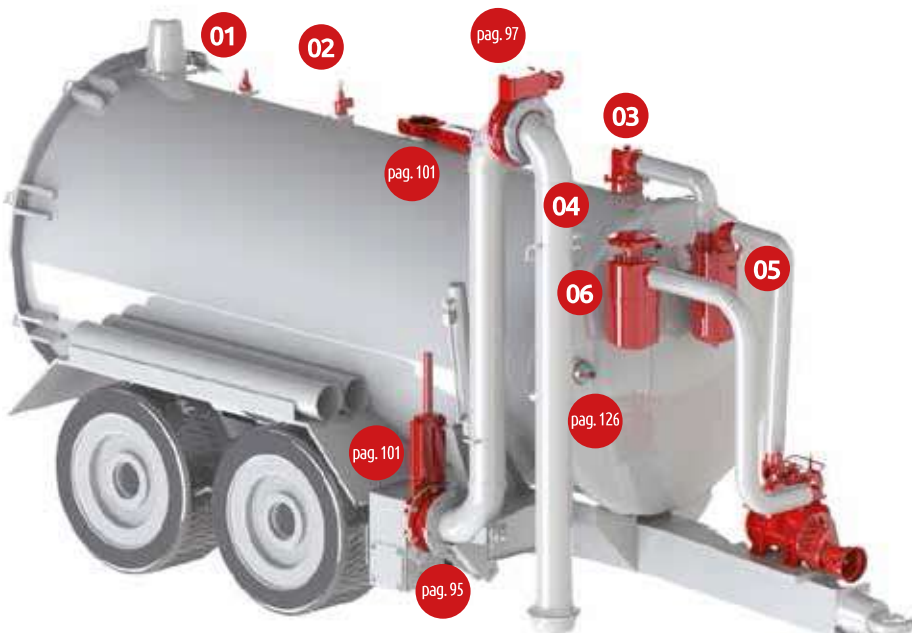
Code 5100200012
Setting range:
-0,3 bar / -0,8 bar
Working temperature:
-20°C / +90°C
Thread: G 1 1/2
Weight: 0,65 kg

02



Overpressure Safety Valve - 1 1/2

Code 5100200010
Setting range:
+0,3 bar / +1,5 bar
Working temperature:
-20°C / +90°C
Thread: G 1 1/2
Weight: 1,02 kg



Tank with side pipe

06



Filter-Silencer

Code 5090000083-Ø 60
MEC 5000
Code 5090000044-Ø 80
MEC 6500/8000
Weight: 7 kg (9.9 lb)

04A



Rain Cap

Code 5090000060-Ø 60
MEC 5000
Code 5090000061-Ø 80
MEC 6500/8000
For Filter/silencer only

04B



Pre-Filter

Code 5090000045-Ø 60
MEC 5000
Code 5090000046-Ø 80
MEC 6500/8000
For Filter/silencer only

03



Primary Overflow Valve - Single Rubber Ball

Code 6100200007 - Ø 60
Code 6100200008 - Ø 80
Iron ring to be welded
Weight: 4,7/9,6 kg

05



Secondary Valve - Single Rubber Ball

Code 6100200004 - Ø 60
Code 6100200005 - Ø 80
Weight: 18,5/20,5 kg

05A



Discharge Valve - 3/4"

Code 5040200006
To be fitted on Secondary valve

05B



Gauge - Ø 80 mm Axial Connection

Code 5101700007
To be fitted on Secondary valve



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Predisposition for overpressure valve

Predisposizione per valvola di sovrappressione
Vorbereitung für Überdruckventil

Selector vacuum - pressure

Selettore Vuoto - Pressione
Wähler von Vakuum/Druck

Kit Aluminum Final Air Filter

Kit filtro aria alluminio
Saugfilter Satz

Temperature indicator

Rilevatore di temperatura
Temperaturdedektor



160°C Irreversible indicator

Indicatore Irreversibile 160°C
irreversibel Anzeiger 160°C

Forced lubrication pump as standard (automatic lubrication on request)

Pompa di lubrificazione forzata di serie (lubrificazione automatica a richiesta)
Druckschmierung als Serie (Automatische Schmierung auf Anfrage)

Long Life blades as standard

Palette "long life" resistenti al calore di serie
Hitzebeständigen Lamellen aus Spezialmaterial als Serie



AIR COOLED ROTARY VANES VACUUM/PRESSURE PUMP

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