

VERSIONS



MEC - M/MA



MEC - P



MEC - D



MEC - H

Discover the CPS - Crash Protection System



The picture is only for informative purpose.
See the table on page 89 for the complete list of the available options.



MEC II

9000 - 11000 - 13500

MEC II – The Legend continues

Designed in cooperation with SPRInT, the Team of Engineering and Research of the Department of Industrial Engineering at the University of Parma, the MEC II pump represents a technology breakthrough resulted from a major joint effort in product **development and innovative design processes**.

The MEC II features the **Crash Protection System**: a sliding flanges protection mechanism that prevents the housing or rotor to break of in case of vanes crash. The pump is easily repairable inexpensively in field.



STANDARD FEATURES

- Long Life Blades, Crash Protection System, forced lubrication, external oil level indicator, side outlets, exhaust elbow, 4-ways valve, check valve
- Thread for Overpressure valve: G 2"
- Available hoses connections: Ø 76 mm (3") / Ø 80 mm / Ø 100 mm (4")

VERSIONS



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



Version P
Smooth Cylindrical shaft,
Ø 32, lenght 63 mm
Parallel key UNI 6604



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



Version H
MEC 9000: Group 3.5 51.83 cc/rev - Pmax 230 bar - In G 1" - Out G 1"
MEC 11000: Group 3.5 73.82 cc/rev - Pmax 180 bar - In G 1" - Out G 1"1/4
MEC 13500: 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			
	m³/h	l/min	cfm	M	MA	P/D/H					M/MA	P	D	H
MEC II 9000	541,8	9030	319	600	1000	1400	2,5 (36)	95% (28,5")	60% (18")	17 (22,8)	145	131	132	154
MEC II 11000	668,22	11137	393	600	1000	1400	2,5 (36)	95% (28,5")	60% (18")	21 (28,2)	160	146	147	170
MEC II 13500	830,7	13845	489	600	1000	1400	2,5 (36)	95% (28,5")	60% (18")	25 (33,5)	178	164	165	205

OPTIONALS



Automatic Lubrication
Double lubrication points



Kit Aluminum Final Air Filter 1300
Code 6080200290



Side Outlet With Two Revolving Elbows
Ø 76/80/100



Double Outlet
Ø 80 mm



Kit Vacuum Relief Valve For Revolving Elbow
Code 6080200181



Extra Side Tank
Code 6080200304 (LA)
Code 6080200310 (LF)



EN 707 Lever
Code 6080200173



Hydraulic Changeover
Code 6080200176



Hydraulic Revolving Changeover
Code 5090000078



Pneumatic Revolving Changeover
Code 6080200238



Pneumatic Revolving Changeover - 3 Positions
Code 6080200293



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 II

9000 - 11000 - 13500



Air cooled - Rotary Vanes
Vacuum/Pressure pumps

ACCESSORIES



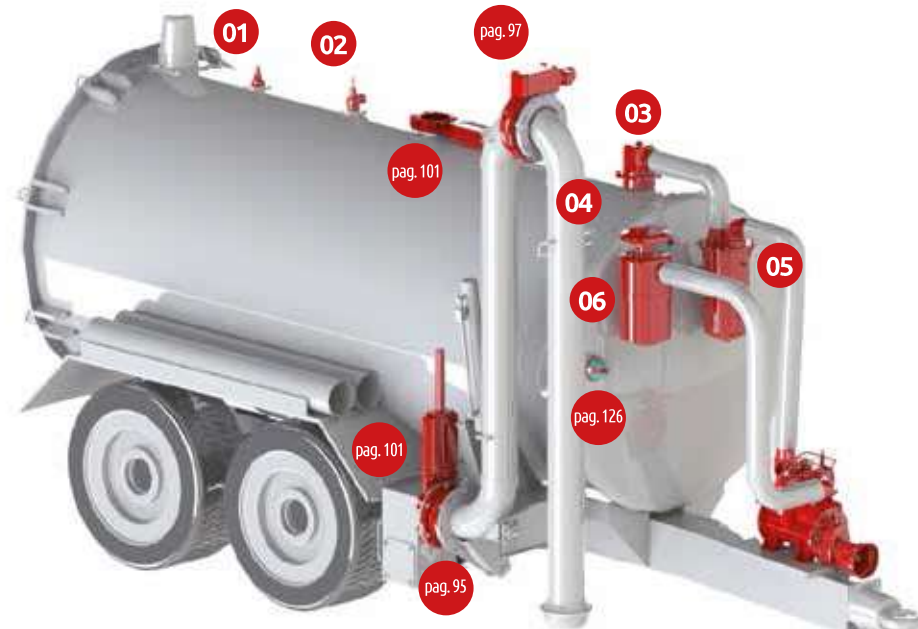
**Vacuum Relief Valve
1 1/2"**

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



**Overpressure Safety
Valve - 2"**

Code 5100200011
Setting range:
+0,3 bar / +1,5 bar
Working temperature:
-20°C / +90°C
Thread: G 2"
Weight: 1,2 kg



Tank with side pipe



Filter - Silencer
Code 5090000025
MEC 9000-11000-Ø80
Code 5090000026
MEC 13500-Ø100
Hose connection:
Ø 80/100 mm
Weight: 9,5/13 kg



Rain Cap
Code 5090000061
MEC 9000-11000 - Ø 80
Code 5090000062
MEC 13500 - Ø 100
Weight: 0,4 kg



Pre-Filter
Code 5090000046
MEC 9000-11000 - Ø 80
Code 5090000047
MEC 13500 - Ø 100



**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-
Ø80SS
Code 6100200028-
Ø100SS
Ball material: AISI316
Iron ring to be welded



**Secondary Valve - Two
Balls**
Code 6100200035-Ø76
Code 6100200021-Ø80
Code 6100200022-Ø100
Weight: 35,6 kg



Discharge Valve - 1"
Code 5040200014
To be fitted on Secondary
valve



**Gauge - Ø 80 mm Axial
Connection**
Code 5101700007
To be fitted on Secondary
valve