



# 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.



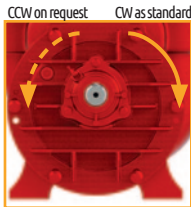
### STANDARD FEATURES

- 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")

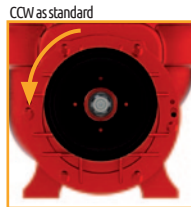
### VERSIONS



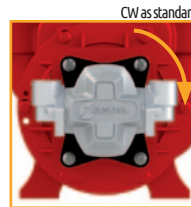
**Version M - MA**  
Splined shaft  
1"3/8 - Z6 ISO 500



**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	140
MEC II 11000	668,22	11137	393	600	1000	1400	2,5 (36)	95% (28,5")	60% (18")	21 (28,2)	160	146	147	155
MEC II 13500	830,7	13845	489	600	1000	1400	2,5 (36)	95% (28,5")	60% (18")	25 (33,5)	178	164	165	173

### OPTIONALS



**Automatic Lubrication**  
Double lubrication points



**Kit Aluminum Final Air Filter 1300**  
Code 6080200290



**Side Outlet With Two Revolving Elbows**



**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**