

MECAMAQ HYDRAULIC PRESSES

PDM-PDV series



▲ PDM-100

◀ PDM-200



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HYDRAULIC PRESSES



PDM-1000RC ▶

- 1000Tm.
- Plates 1500x1000mm.
- Approximation speed 50mm/s.
- Work speed 5mm/s.
- Hydraulic cushion 300Tm.
- PLC control and tactile panel



PDM-600 ▲

- 600Tm.
- Plates 1500x900mm.
- PLC control with tactile panel
- Heated plates application

PDM-180R ▶

- 180Tm.
- Plates 1100x700mm.
- Approximation speed 120mm/s.
- Work speed 18-4mm/s.
- Hydraulic cushion 30Tm.
- PLC and tactile panel



Features

- ☑ Hydraulic system self-monitored and redundant according to EN693.
- ☑ Monoblock frame manufactured with structural steel S355 (simulated with finite element analysis software).
- ☑ Activation by means of two hand safety controls.
- ☑ T-slots "M16" DIN650.
- ☑ Two speeds with automatic change of fast speed by pressure.
- ☑ Limit switches.
- ☑ Pressure switch.

Series Specifications

PDV Series	PDV-80	PDV-100	PDV-150	PDV-200	PDV-300
Power (Tm)	80	100	150	200	300
Stroke (mm)	250	250	250	250	300
Lower plate (mm)	700x500	800x500	900x600	900x600	1000x650
Front opening (mm)	710	810	910	910	1010
Vertical opening (mm)	500	500	500	500	600
Motor power (HP)	5,5	7,5	10	13,5	15
Approximation speed (mm/s)	25	22	20	20	15
Work speed (mm/s)	6	6	5	5	4
Max. pressure (Bar)	315	315	300	315	315

PDM Series	PDM-80	PDM-100	PDM-150	PDM-200	PDM-300	PDM-400	PDM-500
Power (Tm)	80	100	150	200	300	400	500
Stroke (mm)	250	250	250	250	300	300	400
Guides Ø (mm)	50	50	60	60	60	70	80
Lower plate (mm)	700x500	800x500	900x600	900x600	1000x650	1100x750	1200x850
Upper plate (mm)	600x450	700x500	800x550	800x550	900x600	1000x700	1100x800
Front opening (mm)	710	810	910	910	1010	1110	1210
Vertical opening (mm)	500	500	500	500	600	600	700
Motor power (HP)	5,5	7,5	10	13,5	15	20	25
Approximation speed (mm/s)	25	22	20	20	15	12	11
Work speed (mm/s)	6	6	5	5	4	4	3,5
Max. pressure (Bar)	315	315	300	315	315	315	315

Optional Equipment

- ☑ Hydraulic cushion.
- ☑ Hydraulic ejector.
- ☑ AOPD light curtains.
- ☑ Electric oil cooler.
- ☑ PLC control with tactile panel.
- ☑ More optional equipment under request.



◀ PDM-120

- 120Tm.
- Plates 1400x800mm.
- Opening 800mm.
- Stroke 500mm.
- AOPD guards



PDM-100R ▶

- 100Tm.
- Lower plate 800x500mm.
- Upper plate 700x500mm.
- Opening 500mm.
- Stroke 300mm.
- Aproximation speed 120mm/s.
- Work speed 9mm/s.
- PLC and tactile panel



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