

Specification

 cost efficient Mars II eco Series
600 - 5,300 kN

CLAMPING UNIT

Clamping force	kN
Mold opening force	kN
Mold platen dimension	mm
Distance between tie bars (h x v)	mm
Mold opening stroke	mm
Max. mold height	mm
Min. mold height	mm
Ejector stroke	mm
Ejector force	kN
Minimum mold dimension (l x w)	mm

INJECTION UNIT

Screw diameter	mm
Screw L/D ratio	L/D
Shot size (theoretical)	cm ³
Injection weight (PS)	g
Injection stroke	mm
Injection speed	mm/s
Injection speed rate (PS)	g/s
Injection pressure	bar spec.
Plasticizing capacity (PS)	g/s
Screw speed	rpm
Nozzle stroke	mm
Nozzle force	kN

OTHERS

Maximum hydraulic pressure	bar
Servo motor power	kW
Heating power	kW
Machine dimensions (l x w x h)	m
Machine weight	t
Oil tank capacity	l

Platen dimensions

Moving and fixed platen with the same layout.
The ejector holes $\varnothing$ is valid only for moving platen.

Machine dimensions

We reserve the right to make changes as a result of further technical advantages.

MA4700 II

4700															
310															
1210 x 1180															
820 x 800															
780															
780															
320															
200															
110															
580 x 560															
2250								2950				4500			
65	70	75	80	70	70	80	80	84	84	90	90	80	85	90	100
21.5	20	18.7	17.5	22.9	22.9	20	20	19.1	19.1	17.8	17.8	22	20.7	19.6	17.6
1068	1239	1423	1619	1424	1424	1860	1860	2050	2050	2354	2354	2212	2497	2799	3456
972	1128	1295	1473	1296	1296	1692	1692	1866	1866	2142	2142	2013	2272	2547	3145
322								370				440			
110								94 / 108				110			
333	386	443	504	361	381	471	498	519	549	596	630	504	569	638	788
2110	1820	1580	1390	2070	2070	1580	1580	1430	1430	1250	1250	2020	1780	1590	1290
58.6	67.3	76.1	84.4	55	64.7	72.5	76.8	79.6	84.3	90	95.3	64.7	71.5	81.4	99.5
0-222								0-170 / 0-180				0-164			
450								500				550			
88.5								88.5				88.5			
160								160				160			
45								45 / 55				55			
36.4								37.6				42.6			
8.5 x 1.99 x 2.36															
14.7								18.7				26			
690								830				940			

