

HYDRAULIC PRESS MODEL OPI. M-200

Technical specifications:

<u>Press structure</u>		Monolithic
<u>Upper Slide</u>		
Adjustable work capacity upper slide	[kN]	200 ÷ 2,000
Maximum opening capacity of the upper slide	[kN]	190
Number of push cylinders of the upper slide	[n]	1
<u>Lower blank holder cushion independent</u>		
Adjustable reaction capacity of the blank holder cushion	[kN]	125 ÷ 1,250
Number of push cylinders of the blank holder cushion	[n]	1
<u>Distances Table/Slide and Strokes</u>		
Max Stroke Upper Slide	[mm]	800
Max Distance between Table and Upper Slide	[mm]	1,300
Max Stroke Blank Holder Cushion	[mm]	350
<u>Table and overall dimensions</u>		
Table	[mm]	1,450x 1,250
Main Slide	[mm]	1,450x 1,250
Blank Holder	[mm]	1,100x 900
Housing Lateral Opening	[mm]	1,100x h 900
T Slots (DIN 650)	[mm]	22
Holes for Pressure Pins Diameter	[mm]	40
Total Mass	[kg]	27.000
Dimensions (Transport)	[mm]	2,560 x 2.900 x 5.700
Table Height from Floor	[mm]	820
Total Height from Floor	[mm]	5.300
Depth of Foundation	[mm]	860
<u>Hydraulic System</u>		
Main Pump/s Motor	[kW]	55.0 + 55.0
Auxiliary Pump Motor	[kW]	9.2
Approximate Tank Capacity	[litres]	1,500
Equivalent Noise Pressure Level	[dB]	79
Power Supply	[V/Hz/Ph]	400/50/3+G
<u>Work Speed</u>		
Fast Slide Approach speed	[mm/s]	590
Fast Slide Return speed	[mm/s]	495
Slide maximum Work speed	[mm/s]	129
Slide maximum Work Speed at Full Load	[mm/s]	55



independent Blank Holder return speed	[mm/s]	200
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Third passive effect inside the slide

Adjustable maximum capacity as passive effect	[kN]	14 - 220
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Maximum capacity as ejector	[kN]	45
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Work maximum stroke	[mm]	300
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Structural Data

Table's and slide's flection bolt under full load placed on 2/3 of the the lenght of the table	[mm/m]	0.17
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Deviation of the table-slide parallelism with maximum capacity loaded with eccentricity of 100 mm	[mm/m]	0.80
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Machine Colour

Fixed Part Colour grey RAL 7035, Mobile Part Colour Yellow RAL 1021, Electrical Cabinet gray RAL 7035

Other characteristics

No. 1 - Heat Exchanger water-oil (cooling with fluid t = 20°C).

No. 1 - Water chilling system excluded, at customer charge.

No. 1 - Slide Guide System: bronzed shoes and timed grease lubrication

No. 1 - Press programming and control system PLC Siemens Tia Portal 1500 series and colour operator panel Siemens 12" Touchscreen

No. 1 - Front Safety Protection: Light curtain

No. 1 - Posterior Safety Protection: Pneumatically activated doors

No. 1 - Left Side Safety Protection: Fixed Guards with polycarbonate Window

No. 1 - Right Side Safety Protection: Fixed Guards with polycarbonate Window

No. 1 - Control pulpit with start push-buttons, combined with safety devices described in this offer.

No. 1 - Perimetric protection of the higher part of the press with soundproof panels

No. 1 - Machine's CE-conformity declaration

No. 1 - Use and maintenance manual in Italian, service key and equipment of use.



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