

HYDRAULIC PRESS MODEL OPI. M-200

Technical specifications:

Press structure Monolithic

Upper Slide

Adjustable work capacity upper slide	[kN]	200 ÷ 2,000
Maximum opening capacity of the upper slide	[kN]	188
Number of push cylinders of the upper slide	[n]	1

Lower blank holder cushion sequential

Adjustable power of the reaction of the blank holder cushion	[kN]	80 ÷ 800
Number of push cylinders of the blank holder cushion	[n]	1

Nr. 1 -

Distances Table/Slide and Strokes

Max Stroke Upper Slide	[mm]	650
Max Distance between Table and Upper Slide	[mm]	1,000
Max Stroke Blank Holder Cushion	[mm]	250

Nr. 1 -

Table and overall dimensions

Table	[mm]	1,200x 1,100
Main Slide	[mm]	1,200x 1,100
Blank Holder	[mm]	900x 800
Housing Lateral Opening	[mm]	895x h 930
T Slots (DIN 650)	[mm]	28
Holes for Pressure Pins Diameter	[mm]	40
Total Mass	[kg]	18.000
Dimensions (Transport)	[mm]	2,300 x 2.000 x 5.110
Table Height from Floor	[mm]	1,060
Total Height from Floor	[mm]	5.110
Depth of Foundation	[mm]	0

Nr. 1 -

Hydraulic System

Main Pump/s Motor	[kW]	37.0
Auxiliary Pump Motor	[kW]	5.5
Approximate Tank Capacity	[litres]	900
Equivalent Noise Pressure Level	[dB]	79



Power Supply	[V/Hz/Ph]	400/50/3+G
<u>Work Speed</u>		
Fast Slide Approach	[mm/s]	500
Fast Slide Return	[mm/s]	500
Slide maximum Work	[mm/s]	50
Slide maximum Work Speed with full Load	[mm/s]	20
Return sequential Blank Holder Cushion	[mm/s]	110

Nr. 1 -

Hydraulic ejector placed inside the slide

Maximum capacity	[kN]	25
Maximum stroke	[mm]	150

Nr. 1 -

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
Deviation of the table-slide parallelism with maximum capacity loaded with eccentricity of 100 mm	[mm/m]	0.80

Nr. 1 -

Machine Colour

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

Other characteristics

Nr. 1 - Heat Exchanger water-oil (cooling with fluid t = 20°C).

Nr. 1 - Water chilling system excluded, at customer charge.

Nr. 1 - Slide Guide System: bronzed self-lubricant sliding shoes

Nr. 1 - Press programming and control system PLC Siemens Tia Portal 1500 series and colour operator panel Siemens 12" Touchscreen

Nr. 1 - Front Safety Protection: Light curtain

Nr. 1 - Posterior Safety Protection: Manually activated doors

Nr. 1 - Left Side Safety Protection: Fixed Guards with polycarbonate Window

Nr. 1 - Right Side Safety Protection: Fixed Guards with polycarbonate Window

Nr. 1 - Control pulpit with start push-buttons, combined with safety devices described in this offer.

Nr. 1 - Perimetric protection of the higher part of the press with soundproof panels

Nr. 1 - Work area lighting with 4 lights (IP67) placed on the press columns

Nr. 1 - Synchronism interface for automation controlled by OMER A PLC

Nr. 1 - Series of blank-holder pins D 32 mm, in hardened and ground steel.

Nr. 1 - VPN connection device for Teleservice

Nr. 1 - Machine's CE-conformity declaration



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