

TECHNICAL PASSPORT

PRESS BREAK MACHINE WITH COMPUTER NUMERICAL CONTROL, CONSISTING
OF TWO UNITS, WORKING IN TANDEM, BRAND JMT, MODEL JM-S 30200 AND
JM-S 40240, SERIAL NUMBERS 232420001/242220001
TECHNICAL FEATURES OF DEVICES JM-S 30200 И JM-S 40240,
WORKING IN TANDEM

- Rigid supporting frame made of carbon steel St-44 of German origin. The frame is machine welded with ultrasonic control of the welds.
- Hydraulic valves with digital numeric control (CNC). The valves are servo-controlled and provide an accuracy of 0.001 mm, as well as the possibility to program all positions of the piston, its speed and inclination.
- Hydraulic synchronizing valves for piston control.
- The pistons position is controlled with great precision by linear encoders.
- Graphical three-dimensional controller with CNC.
- Axes strokes (Y1-Y2), controlled by CNC.
- X-axis reverse measurement system with positioning pins: 2 pieces for bending parts up to 3100 mm long. and 3 pcs. for bending parts up to 4100 mm long. The system is with CNC. The two parts can also work in tandem and bend parts up to 7200 mm long.
- System for positioning and fixing the prism to the bottom table – automated, with CNC.
- Control panel arm – multi-position.
- CNC controlled proportional hydraulic valve system.
- Two sliding front supports.
- Bending knife and four-position prism with V-shaped grooves with the possibility of bending at an internal angle of less than 90 degrees.
- The equipment bends details with a length of 7200 mm.
- Protective covers with safety switch.

TECHNICAL CHARACTERISTICS OF DEVICE - JM-S 30200

PRESS BRAKE JM-S 30200		Unit	
Bending force		ton	200
Bending length	(A)	mm	3100
Distance between columns	(B)	mm	2550
Stroke	(C)	mm	260
Clear opening		mm	530
Throat Depth	(E)	mm	410
Bed height	(F)	mm	880
Bed cap width	(G)	mm	90
Y-axis rapid speed		mm / sec.	150
Y-axis working speed		mm / sec.	10
Y-axis return speed		mm / sec.	130
X-axis speed		mm / sec.	350
X-axis travel		mm	800
Gaugeable with 3rd Position		mm	1050

Sliding support arms		pcs	2
Backgauge Finger Block		pcs	2
Motor power		kw	18,5
Oil tank capacity		litres	210
Length	(L)	mm	5376
Width	(W)	mm	1600
Height	(H)	mm	2905
Weight		kg	10500

TECHNICAL FEATURES OF DEVICE - *JM-S 40240*

PRESS BRAKE JM-S 40240	■	Unit	
Bending force		ton	240
Bending length	(A)	mm	4100
Distance between columns	(B)	mm	3550
Stroke	(C)	mm	260
Clear opening	(D)	mm	530
Throat Depth	(E)	mm	410
Bed height	(F)	mm	880
Bed cap width	(G)	mm	90
Y-axis rapid speed		mm / sec.	150
Y-axis working speed		mm / sec.	10
Y-axis return speed		mm / sec.	130
X-axis speed		mm / sec.	350
X-axis travel		mm	800
Gaugeable with 3rd Position		mm	1050
Sliding support arms		pcs	2
Backgauge Finger Block		pcs	3
Motor power		kw	22
Oil tank capacity		litres	250
Length	(E)	mm	6376
Width	(W)	mm	1610
Height	(H)	mm	2905
Weight		kg	14500

ATTACHMENTS:

- USER MANUAL FOR JM-S 30200
 - USER MANUAL FOR JM-S 40240
 - USER OPERATION MANUAL FOR PRESS BREAK - TANDEM JM-S 30200 + JM-S 40240
 - WARRANTY CARDS FOR JM-S 30200
 - WARRANTY CARDS FOR JM-S 40240
 - SERVICE CARD 01018 FOR JM-S 30200
 - SERVICE CARD 01019 FOR JM-S 40240
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