

Revolution Machine Tools



Main Warehouse

385 North 700 West

North Salt Lake City Ut. 84054

www.RMTUS.com

Sales: Phone: (844)768-4636 info@rmtus.com

Service: Phone: (844)RMT-SERV (844)768-7378 service@rmtus.com

Parts & Tooling: Phone (844) 768-4636 Talip@rmtus.com

Prepared by: Kyle Jorgenson

Machine Specifications

RMT Machine Stock Number:		Machine - Shipping - Dimensions and Weight	
Manufacture	Hugh Smith	Length x Width x Height	See drawings
Type	Vertical Press Roll	Machine Weight in Lbs.	Total with extra top Roll - 334,000 Lbs
Model #	3000 x 4M	Incoming Power Requirements	
Serial #	C7120	Incoming Voltage	3 PHASE 230V 60 Htz
Mfg. Year	New 1977 Rebuilt in 2009	Full Load Current Amps	525
Status:	Installed	Min. Incoming Wire Size	
F.O.B. Point	Sweeney Texas	Recommended Breaker	
		Horse Power	2 x 110 kW main motors

Machine Capacity - Capabilities

HUGH SMITH ENGINEERING

TECHNICAL SPECIFICATION

3000T x 4.0M Vertical Plate Bending Machine

Maximum force	3000 Tones (3300 Long Tons)	Designed number of bending cycles	3 to 6/min
Maximum plate width	4000 mm (13'1.5")	Bending cycles based on beam stroke of	100 to 50 mm (3.94" to 1.97")
Maximum plate thickness	200mm (7.875")	Plate speed (depending on feed length)	4876 to 6000 mm/min (16' to 20' per min)
Standard main roller diameter (3300 Long Tons)	960 mm (37.79")	Plate bending capacity (in cold state)	See capacity tables
Minimum inside diameter of formed cylinder	1100 mm (43.3")	Hot Rolling - Capacity X 2	
Auxiliary Roll (Extra Top Roll) 880 Long Ton Limit	630 mm (24.76")	Hydraulic Pump Motors	2 of 110 kW each
Minimum inside diameter of formed cylinder	685mm (27")	Roller Drive Power	20 kW
Maximum stroke	450 mm (17.7")	Max. Hydraulic Pressure	350 Bar
Maximum daylight between main roller and beam	400 mm (15.75")	Pump Motor Synchronous Speed	1500 rpm
Maximum daylight between main roller and bending bars	250 mm (9.84")	Electrical Equipment suitable for	460 Volts, 3 phase, 60 hz
Maximum thickness accommodated in machine	200 mm (7.87")	Control/Operating Circuit Voltage	24 V DC
Maximum bending bar centres (normal)	1120 mm (44") V Die	Approx. Maximum Supply Current	525 Amps
Minimum bending bar centres (normal)	400 mm (15.74") V Die		
Minimum bending bar centres (reversed)	240 mm (9.4") V Die		
Pressing speed	6 mm/sec (.24" I.P.S.)		
Return speed	40 mm/sec (1.57 I.P.S.)		

Note: customer must verify what voltage the machine is set at - prior to connecting electrical and running machine

All Information subject to Verification

If you have any questions Regarding this Specification sheet, please contact us at info@rmtus.com or (844) 768-4636

Thank You For The Opportunity!



Fiber Lasers



Press Brakes



Shears



Ironworkers



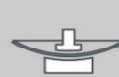
Bandsaws



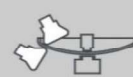
Plate Rolls



Angle Rolls



Dishing Presses



Flanging Machines



Drilling Machines