



HSP Hydraulic Punches

The Morgan Rushworth hydraulic punching machines are available in models from 50 tonne up to 175 tonne capacity. All double punch models are equipped with a 625mm deep throat one end and a 305mm the other as standard configuration. The heavy-duty support table with adjustable backstop, universal die holder for the punching of plate, flat bar, angle iron and flange of channel and beam are all included in the standard execution. The punching machines are also available in single-ended configuration. The standard machine allows punching of up to 57mm diameter without additional equipment. The front section of the support table can be removed in order to punch angle-iron leg down. A wide range of options are available including bar bending, sheet bending and corner notching.



HSP SINGLE



HSPD DOUBLE



**FOOT PEDAL
CONTROLLER**

Machine Features

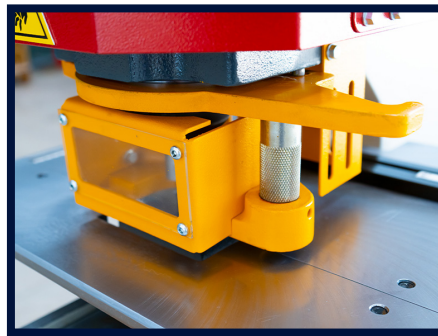
- Double punching stations
- Deep throat one end - 625mm
- Standard throat one end - 305mm
- Full stroke adjustment
- Low power inching
- Punch table with multipurpose bolster - Removable table block for overhang channel/joist flange punching
- Low maintenance
- Overload relief on hydraulic system
- Swing away punch stripper unit
- Easy change punch holder
- Punch table with guides
- Work station guard

Optional Equipment

- Large hole attachments
- Bending units
- Special tooling & accessories



PUNCH HOLDER



STRIPPER ASSEMBLY



MEASURING GUIDES

TECHNICAL SPECIFICATIONS

MODEL		HSP 50	HSP 70	HSP 95	HSP 125	HSP 175		HSPD 70	HSPD 95	HSPD 125	HSPD 175
STOCK CODE		M9018	M9007	M9008	M009	M9010		M9011	M9012	M9013	M9014
Punching											
Diameter X Maximum Thickness	mm	24 x 15	26 x 20	33 x 20	34 x 26	40 x 32		26 x 20	33 x 20	34 x 26	40 x 32
Maximum Diameter X Thickness	mm	38 x 9	57 x 10	57 x 12	57 x 16	57 x 22		57 x 10	57 x 12	57 x 16	57 x 22
Stroke Length	mm	60	55	80	80	80		55	80	80	80
Throat Depth	mm	300	625	625	625	625		625	625	625	625
Largest Hole Diameter - Standard	mm	38	57	57	57	57		57	57	57	57
Largest Hole Diameter (optional)	mm	110	110	110	110	110		110	110	110	110
Tube Notch (Optional)											
Maximum Outside Diameter	mm	/	83	108	108	165		83	108	108	165
Bending (Optional)											
Bar Bending - Maximum Capacities	mm	/	200 x 15	250 x 20	250 x 22	250 x 25		200 x 15	250 x 20	250 x 22	250 x 25
Sheet Bending - Maximum Capacities	mm	/	500 x 3	500 x 3	700 x 3	700 x 4		500 x 3	500 x 3	700 x 3	700 x 4
Corner Notching (Optional)											
Maximum Capacity	mm	/	250 x 6	250 x 6	250 x 6	250 x 6		250 x 6	250 x 6	250 x 6	250 x 6
Technical Data											
Motor Power	kW	4	5.5	7.5	11	11		5.5	7.5	11	11
Length	mm	938	1600	1850	2000	2700		1900	2250	2350	2800
Width	mm	900	900	950	950	1120		950	950	950	1100
Height	mm	1666	1800	1920	1970	2160		1800	1920	1970	2160
Weight	kg	900	2440	3270	3760	5720		2900	3700	4600	6750