



Punching Machines 60-175P



Punching Machines



All steel welded interlocked construction

The Kingsland range of Hydraulic Punching Machines all come equipped with a throat depth of 625mm as standard.

Heavy-duty support tables with scales and backstops, universal die holder for punching in plate, flat bar, angle iron and flange of channel and beam are all part of the standard execution. The Kingsland Hydraulic Punching Machines are also available in double-ended execution, using a shared frame and thus saving space and money. A second machine is no longer needed for doubling the capacity and productivity. Both ends of the machine can be used at the same time up to maximum capacity.

The Punching Machines are available from **60 ton to 175 ton**, both in **single-ended** as well in **double-ended execution!** Furthermore, tooling from competitor's machines and or other brand-names can be used without special machine-modifications. The standard machine comes equipped with a deep throat (single ended version) and universal die-bolster, punching up to 57mm diameter/slot.

The front part of the table can be removed to punch in large format angle-iron.

Capacities

	60 P	70 P	80 P	95 P	125 P	175 P
Punching						
Rated Capacity	60 Ton	70 Ton	80 Ton	95 Ton	125 Ton	175 Ton
Maximum Capacity	29 x 15	26 x 20	28 x 20	27 x 25	35 x 25	40 x 32
Diameter x Thickness	57 x 8	57 x 9	57 x 10	57 x 12	57 x 16	57 x 22
Stroke Length	55	55	55	80	80	80
Standard Throat	625	625	625	625	625	625
Deep Throat Model DP	305 + 305	305 + 305	305 + 305	305 + 305	355 + 355	355 + 355
Deep Throat Model DPX	305 + 625	305 + 625	305 + 625	305 + 625	355 + 625	355 + 625
Largest Hole (Optional)	160	160	160	160	160	225
Maximum Section	305	305	305	305	305	305
Working Height	1075	1075	1075	1050	1054	1100
Corner Notching						
Maximum Capacity	150 sq x 2	250 sq x 2	250 sq x 2	250 sq x 2	250 sq x 2	250 sq x 2
Tube Notching						
Max Outside Diameter	83	83	83	83	108	165
Bending						
Max Bar Bending	250 x 12	250 x 13	250 x 15	250 x 20	250 x 22	250 x 25
Max Sheet Bending	500 x 3	500 x 3	500 x 3	500 x 3	700 x 3	700 x 4
Punching at Notch Station						
Motor Power (3Ph~)	5.5 KW	5.5 KW	7.5 KW	7.5 KW	7.5 KW	11 KW
Nett Weight (Std Throat)	1320 Kg	1330 Kg	1610 Kg	2130 Kg	2675 Kg	5050 Kg
Gross Weight (Std Throat)	1430 Kg	1460 Kg	1745 Kg	2295 Kg	2920 Kg	5450 Kg
Machine Dimensions (Std Throat)	164x71x178	164x71x180	176x71x183	190x79x191	200x80x203	270x112x216
Packed Dimensions (Std Throat)	175x86x195	175x86x197	191x86x200	205x94x209	215x95x221	285x127x241
Nett Weight (DP Throat)	1385 Kg	1390 Kg	1650 Kg	2450 Kg	2900 Kg	5400 Kg
Gross Weight (DP Throat)	1510 Kg	1515 Kg	1800 Kg	2760 Kg	3150 Kg	5800 Kg
Machine Dimensions (DP Throat)	167x71x178	167x71x180	179x73x183	192x79x192	203x80x203	273x112x216
Packed Dimensions (DP Throat)	182x85x198	182x85x200	195x86x203	206x92x210	221x95x226	288x127x245

Specifications based on 450N/mm² Material tensile strength

Note: technical specifications can be subject to modifications without prior notice

Standard Equipment



- Heavy Duty Punch Support Table complete with Back Gauge and Side Stops
- Set Round Punch & Die
- Swing away Punch Stripper with simple adjustment
- Universal Die Bolster for the punching of flats, angle and flanges of Channel and I Beam
- Shielded Foot Pedal
- Power Inching and Adjustable Stroke
- User Manual
- Machine painted in light grey RAL 7044, dark grey RAL 7031 and yellow RAL 1007
- Automatic Overload Relief on Hydraulic System
- Electric I.P. 55 Class 'F' T.E.F.C. Motor
- Low volt electrical control circuit
- Complete Service Tool Kit
- New Power Saving Electric Box

Double Punch

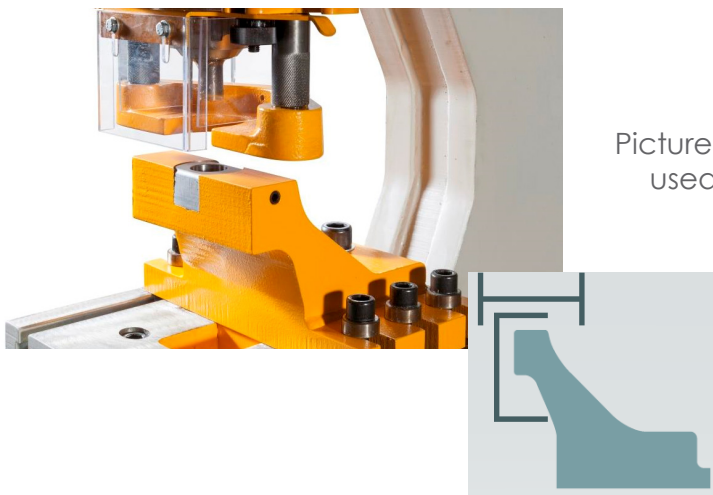


Optional machine attachments



Bar Bending Unit

Picture left shows the optional Bar Bending attachment



Swan Neck Bolster

Picture left shows the optional Swan Neck Bolster. Primarily used for web/flange punching of I beams and Channel beams. Also shown in the diagram below



Minimum Deform Stripper Assembly

Picture left shows the optional Minimum Deform Stripper. This reduces deformation when punching close pitch holes in flat bar



Sheet Bending Unit

Picture left shows the optional Sheet Bending Unit Multi V bottom tool (all at 85°)



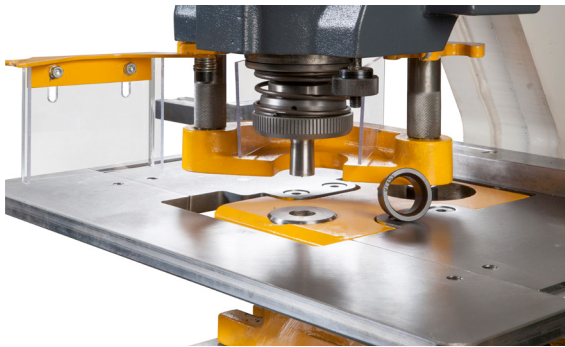
Large Hole Punching Attachment

Picture above shows the optional L/H Attachment that can be fitted to Machine. Allowing for punching up to 110, 160 or 200mm diameter



Louvre Punching Attachment

Picture above shows louvre punching Attachment retrofitted to machine Louvres of 3 x 100mm long or Louvres of 3 x 180mm long



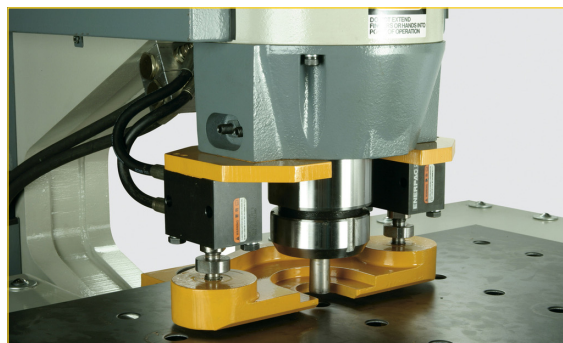
Tooling super quick change

Picture above of tooling super quick change. Spring and ball bearings lock/un lock the tool in position with 90-degree hand turn. No C spanner required



Tooling quick change

Picture above of tooling quick change only needs to turn the punch holder by 90 degree to lock in position



Hydraulic Clamping to Punch Station

Double Punch (DPX) Deep Throat On One Side



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Robot Plasma Cutting System



Punching machines



Tools & accessories