



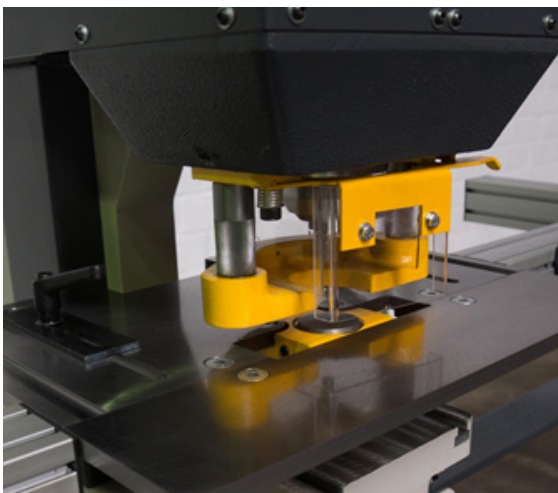
# 50P Punch Machine



The 50P machine is a single cylinder hydraulically operated punch machine. It is a versatile machine with many attachments available. It is fitted with a universal die bolster for punching up to 38mm diameter as standard, with the option to go to 110mm diameter using optional attachments. **Tube Notching, Sheet Bending, Bar Bending and Twin Hole Punching** are just some of the options available.

It is a **low maintenance** and **easy to use machine** operated by a foot pedal command.

## Standard Equipment



- Easy Change Punch Holder, Retaining Ring and Adaptors
- Swing away Punch Stripper Unit
- Universal Die Bolster for punching of flats, angle and flanges of Channel and I Beam
- Punch Table with movable guides
- Shielded Foot Pedal
- Power Inching and Adjustable Stroke
- Automatic Overload Relief on Hydraulic System
- 3 kW electric IP 55 Class 'F' T.E.F.C. Tropicalized Motor
- Starter, Isolator and Inch Switch Controls
- New Power Saving Electric Box
- Service Tool Kit
- User Manual

# Capacities

50 P	
<b>Punching</b>	
Rated Capacity	50 Ton
Maximum Capacity	24 x 15mm
Diameter x Thickness	36 x 10mm
Stroke Length	60mm
Standard Throat	280mm
Deep Throat Model	38Ø
Largest Hole (Optional)	110Ø
Maximum Section	305
Working Height	1070mm
<b>Corner Notching</b>	
Maximum Capacity	150 sq x 3mm
<b>Tube Notching</b>	
Max Outside Diameter	83
<b>Bending</b>	
Max Bar Bending	150 x 12
Max Sheet Bending	300 x 3
<b>Punching at Notch Station</b>	
Motor Power (3Ph~)	3 KW
Nett Weight (Std Throat)	600 Kg
Gross Weight (Std Throat)	680 Kg
Machine Dimensions (Std Throat)	106x57x176
Packed Dimensions (Std Throat)	106x57x176

Specifications based on tensile strength ms 45

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

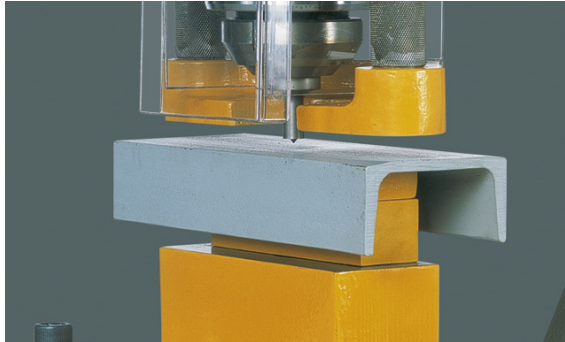
## Optional machine attachments



### Bar Bending Unit

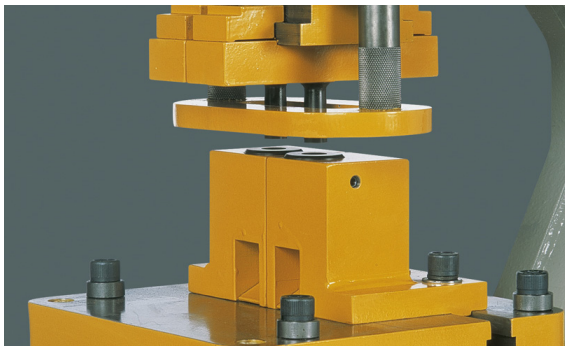
Picture left shows the optional Bar Bending attachment (up to 10mm thickness)

# Optional machine attachments



## Die Bolster for Punching Webs of Channel/Beam Sections

Picture left shows the Channel/Web bolster, punching up to 38mm diameter



## Twin Hole Variable Pitch Unit

Picture left shows the twin hole unit  
50 to 100 mm centers  
Punches two holes up to 29 mm diameter



## 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 10,20,24 & 40mm openings (all at 85°)



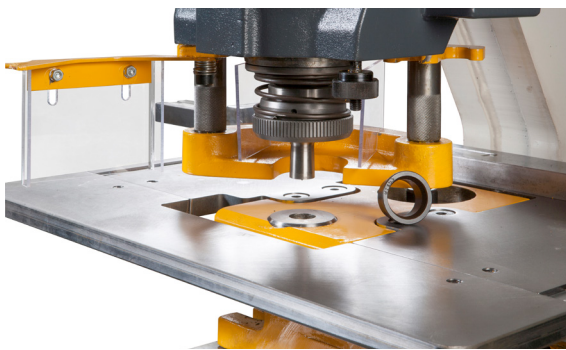
### **Large Hole Punching Attachment**

Picture left shows the optional L/H Attachment that can be fitted to Machine Allowing for punching diameters up to 110mm diameter



### **Louvre Punching Attachment**

Picture left shows louvre punching Attachment retrofitted to machine Louvres of 3 x 100mm long



### **Tooling super quick change**

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



**The Kingsland Engineering Company Ltd**

Weybourne Road  
Sheringham Norfolk NR268HE  
United Kingdom

T: +44 1263 822 153  
F: +44 1263 825 667  
E: [sales@kingsland.com](mailto:sales@kingsland.com)  
W: [www.kingsland.com](http://www.kingsland.com)



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Punching machines



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