Ironworkers

HPS 60 H

SKU : 131181

The hydraulic profile steel shears of the HPS H series cut and punch flat steel, bars and profiles extremely precisely and efficiently. Section steel shears like these are mainly used in locksmiths' shops, repair shops and in vehicle construction. As one- or two-cylinder, the construction impresses with its multifunctionality. It combines flat steel shears, notchers, hole punches and profile steel shears in one machine. The punching machine of the HPS series works with common punches and dies, which extends the range of applications of the machines.

- 5 workstations
- High cutting performance and compact dimensions
- Fast and precise work
- Complete set of blades for all functions
- Clean cuts and easy material handling

TECHNICAL SPECS

WORKING AREA

Number of hydraulic cylinders	1 positions

PUNCH PRESS

Pressure force	60 t
Punch capacity (max.)	28 mm x 15 mm
Diameter x thickness	38 mm x 11 mm
Throat	225 mm
Stroke	50 mm
Stroke number (at 20 mm stroke)	25 H/min
Working height	935 mm

STEEL CUTTER

Cutting capacity flat (max. width)	300 mm x 15 mm
Cutting capacity flat (max. thickness)	200 mm x 20 mm
Knife length	320 mm
Cutting capacity round	40 mm
Cutting capacity square	35 mm
Steel cutter working height	930 mm

PROFILE CUTTER

Cutting capacity 90°	120 mm x 120 mm x 12 mm
Cutting capacity 45°	70 mm x 7 mm
Profile cutter working height	1130 mm

NOTCHER

Plate thickness (max.)	10 mm
Width	42 mm
Depth	100 mm

DRIVE CAPACITY

Motor rating hydraulic pump	4 kW

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.46 m x 0.77 m x 1.58 m
Weight	1400 kg

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Cutting performance with material tensile strength	400 N/mm²

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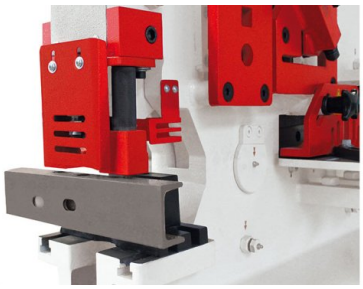
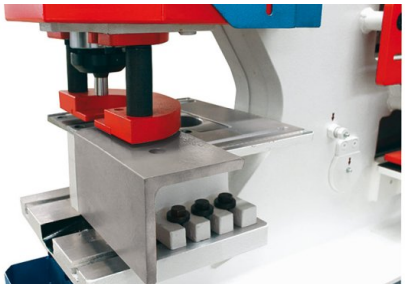
• Models HPS 45H and HPS 60 H feature a powerful hydraulic cylinder • Models HPS 65 H, HPS 85 H, HPS 115 H and HPS 175 feature 2 hydraulic cylinders allowing simultaneous operation at 2 stations

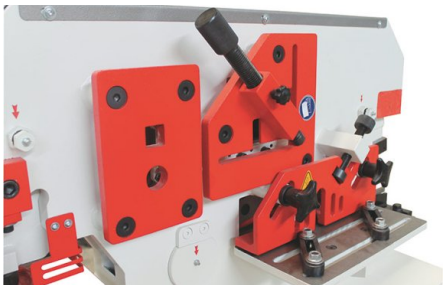
Back gauge with automatic cut activation



Notching station with safeguard



Hole punch station featuring large support table



Compact design and excellent rigidity

PRODUCT DETAILS

Flat Steel Cutters

- For strip steel, flat steel, wide flat steel
- Table with angular and linear stops
- Adjustable hold-down
- Lower knife provides 4 cutting edges

Angular Profile Steel Cutters

- For angle steel sections
- Cut angle 90° and 45°
- Adjustable material guide plate

Rod Steel Station

- For round and square steel
- Robust material guide plate

Back Gauge

- Including swivel boom
- For use on Flat Steel, Angular Steel and Rod Steel Stations

Hole Punch Station

- For punching round holes and slots in sheet metals, flat steel and U-section steel
- Table with adjustable angular stops
- Infinitely variable stroke adjustment
- Premium Kingsland tools
- Hydraulic overload protection

Notching Station

- Rigid support table with adjustable stops

STANDARD EQUIPMENT

Easy replaceable punch holder
Stamps and dies
Angle cutting blade
Flat bar cutting blade
Notching blade
Solid bar cutting blade
Manual controller backauge (1.000mm)
Foot pedal with emergency stop button
Hook spanner wrench
Work lamp

OPTIONAL EQUIPMENT

- Cutting blade for UPN profiles for HPS 60 H, SKU : 253586

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