

Hydraulic sectional steel shears / punching machine

HPS 45 S

Combined machine with up to 5 processing stations and foot operation

Article number ▼

3819045

Brand ▼

Metallkraft

Catalog directory ▼

Metalworking machines » Notching, punching and grooving machines » c » Hydraulic sectional steel shears / punching machine

Purchase ▼

Minimum 1 pc(s).

Delivery content ▼

- Punching station
- Flat shear
- Angle Shear
- Section steel shears with round and square blade
- Notching
- Stamp holder with bayonet lock
- Stamp and die reductions No. 1, No. 2, No. 3, No. 30, No. 45 and No. 60
- Punch, flat steel scissors and notch with adjustable stops
- Hook wrench
- Pedal
- Hydraulic oil

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	1,500 mm	Gross	1,400 kg	Delivery	Carrier	DualUse	✗
Width	950 mm	Net	1,400 kg	Content	1 pc(s).	SCIP	n/a
Height	1,680 mm					SVHC	No



Description ▼

- Punching station, flat steel shears, angle steel shears, sectional steel shears, available with notching station starting from HPS 45S
- DS series with two working cylinders and two foot pedals for simultaneous use with punching station and sectional steel shears
- Stepless adjustment of the stroke
- Larger reach for punching station with 620 mm optional, available from HPS 55DS
- Heavy and rigid welded construction
- Standard with notching knife starting from HPS 45S
- With powerful 400 Volt motor
- V-notching knife, oversized punching device and larger throat depth for punching station available on request
- Two-stage foot pedal for inching operation
- Stamps and dies No. 1, No. 2, No. 3, No. 30, No. 45, No. 60 can be used with the standard delivery scope of the machine. Use of punch and die No. 4 and No. 80 optional (except HPS 40S)

Advantages of punching over drilling:

- High time savings - cycle times
- No chips
- No cooling

Note:

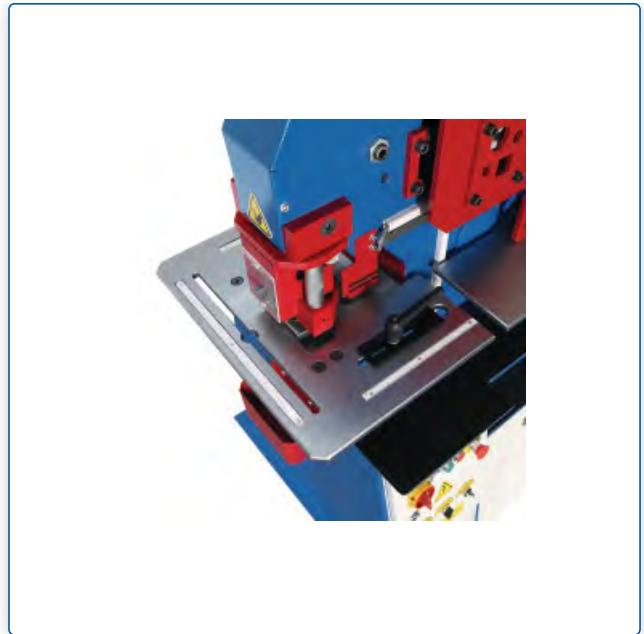
- All hydraulic sectional shears are delivered with oil

Manufacturer

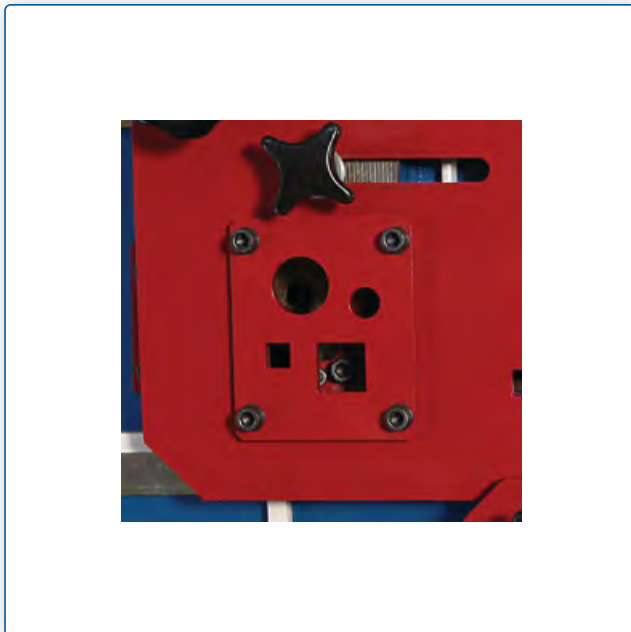
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Media informations ▼

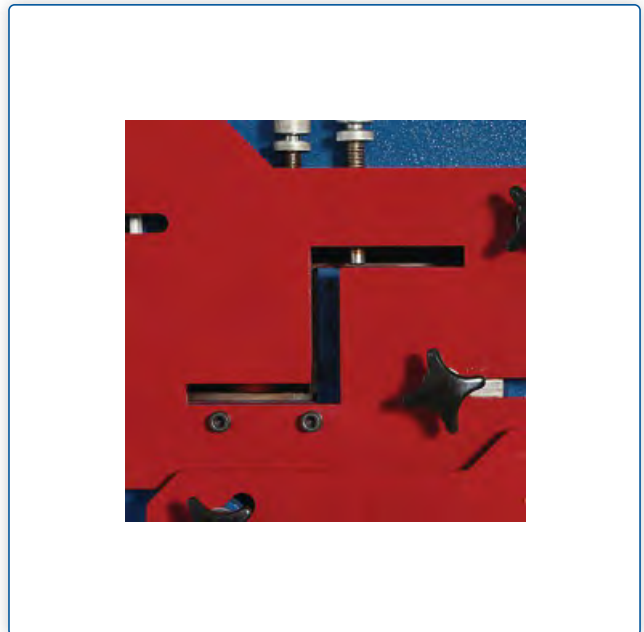




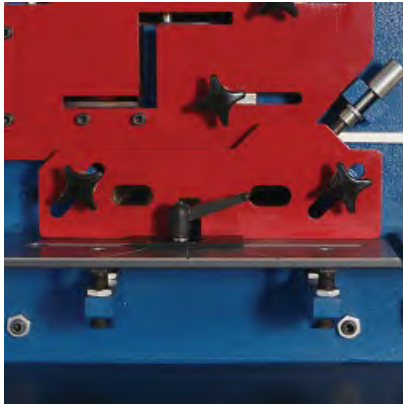
Punching station



Steel bar shears / round steel knife



Angle steel shears



Flat steel shears



Notching station

Technical data ▼

Dimensions and weights			
Length (product) approx.	1500 mm	Width/depth (product) approx.	950 mm
Height (product) approx.	1680 mm	Net weight approx.	1400 kg
Notching station			
Notching station max. material thickness	8 mm	Max. notching width	35 mm
Max. notching depth	75 mm	V notching tools (accessory)	100 x 100 x 8 mm
Electrical Data			
Drive motor output	4 kW	Supply voltage	400 V
Mains frequency	50 Hz		
Flat steel shears			
Flat steel shears material width x max. thickness	200 x 15 mm	Flat steel shears material max. width x thickness	300 x 12 mm
Flat steel shears knife length	316 mm	Flat steel shears angled cut 45° max. leg length x max. thickness	80 x 10 mm
Flat steel shears working height	955 mm		
Punching station			
Punching force	45 t	Punching station diameter x max. sheet thickness (steel 400 N/mm²)	22 x 15 mm
Max. punching station diameter x sheet thickness (steel 400 N/mm²)	38 x 8 mm	Punching station reach	175 mm
Punching station max. lift stroke	50 mm	Punching station stroke count	20 /min
Punching station working height	955 mm		
Steel bar shears			
Steel bar shears capacity round material	30 mm	Steel bar shears capacity square material	25 mm
Angled steel shears			
Angled steel shears cutting capacity 90° L section	100 x 100 x 10 mm	Angled steel shears cutting capacity 45° L section	70 x 6 mm
Angled steel shears cutting capacity U-I section (accessory)	80 x 45 mm	Angled steel shears cutting capacity T section (accessory)	40 x 5 mm
Angled steel shears working height	1140 mm		