

Schuler SHC-2500-5.0x2.5 Spotting try out press PR2489, used



manufacturer :

Schuler

Product number:

PR2489

Description

Spotting try out press

Manufacturer

Schuler

Spotting try out press

Model	SHC-2500-5.0x2.5
spotting force	2500 to
Year of manufacture	2014
Comment	

Facility data

Place requirement

Foundation depth (table flureben)	5,000 mm
Press weight with tooling and Ölfüllung	~540 to

Foundation load

Static load	274 N/cm²
Static & Dynamic load	345 N/cm²

Energy demand

Electrical	~1,100 kVA
Power consumption (without taking into account power factor correction)	
Apparent power	~830 kVA
Reactive power	~360kVA
Average energy consumption (under production conditions, i.e. In continuous press operation)	400V 3/PE 50Hz
Operating voltage	24VDC
Control voltage	230V AC 50Hz
Voltage for lighting	230V AC 50Hz
Allowable voltage fluctuations	+/-10 %

Compressed air

Low pressure network, minimum pressure	5 bar
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Facility data

Ölquantity ~11,000 l

Kühl water

Kühl water requirement approx.14 m3/h
 (under production conditions, i.e. in the continuous run of the press)

Water inlet temperature max. 25 °C

Water outlet temperature approx.35 °C

Pressure difference ca. 2.5 bar

Technical data press

Type SHC-2500-5.0x2.5

Number 1

Pressing rod

Pullingö&stroke;el force 3,750 - 25,000 kN

Gross pullback force approx. 1,750 kN

Draw ram stroke 1.700 mm

Drawing height (width x depth) 5,000 X 2,500 mm

Number of cylinders 3 pcs

Tool installation space

Distance table stö&aerospace;el OT 2,300 mm

Distance table-stö&aerospace;el UT 600 mm

Table clamping area (width x depth) 5,000 X 2,500 mm

T-slot pitch 300 mm

Öffnung zwischen den Führungen 5,040 mm

Press static

Allowable deflection at 2/3 surface load, related to the table length (l. - r.)

Facility data	
Table top max.	0, 125 mm/m
Stößel max.	0, 125 mm/m
Length of drawing rod, approx.	2,500 mm
Max. external moment	
Left - Right	1.870 kNm
Front - Rear	935 kNm
Hydraulic 8-point table cushion	
Displacement force	900-6,000 kN
Number of separately adjustable pressure points	8 pcs
Ejector force (net, fixed)	500 kN
Table cushion stroke total	380 mm
Table cushion useful stroke	350 mm
Table cushion area (width x depth) (referred to centre of first rows of push pins)	4,200 X 2,100 mm
Ejector speed	100 mm/s
Pen matrix	29 X 15 pcs
Printing pin pitch	150 mm
Pin diameter	45 mm
Hydraulic cushion in the rod	
Displacement force	450- 3,000 kN
Ejector force (not adjustable)	200 kN
Cushion stroke max	200 mm
Cushion area (width x depth) {referring to middle äußfirst pressure pin rows)	4,200 X 2,100 mm
Return speed	100 mm/s
Pen matrix	29 x 15
Printing pin pitch	150 mm

Facility data

Pin diameter 45 mm

Mechanical stroke limitation

Number of spindles 2 pcs

Position of the spindles Page spindles

Stroke limiting force max 7,500 kN

Spindle adjustment range 850 mm

Effective range over table 600 - 1,450 mm

Tool clamp on stand

Number 12 pcs

Type Insertion clamp

Tensioning force Each 100 kN

Stroke 12 mm

Drive table

Number of driving tables 1 pc

Direction of extension to the front

Travel distance from the press 3,500 mm

Travel speed (rapid/creep speed) 15/2 m/min

Max. Tool weight 60 t

Max. Weight upper tool 30 t

Connections for tools

Position Pages

• Compressed air controlled 2x½" Piece

• Compressed air uncontrolled 2x½" Stück

• hydraulics controlled 4 x pcs

Hydraulic pressure ND 3 x 50 bar

Hydraulic pressure HD 1 x 300 bar

Facility data

Ölvolume	30 l/min
Nominal size	G $\frac{1}{2}$ "
• WZ- control	1 x H AN 24 pcs
• Sockets - 230 V / 16A	2 pcs
• Sockets - 400 V / 16A	1 pc
• Sockets - 400 V / 32A	1 pcück

Speeds

Rapid lowering speed	400 mm/s
Rail return speed Stößel	400 mm/s
Working speed V1 max. up to max. ~3,900kN	265 mm/s
V2 max. up to max. -6600kN	132 mm/s
V3 max up to max -9.3 00kN	88 mm/s
V at nominal force (25.000 kN)	36 mm/s

Main drive

Motor power for main pumps	3 x200 kW
Total installed power approx.	approx. 720 kW
Pump flow max.	3 X 1,400 l/min
Maximum hydraulic system pressure	310 bar

Press main dimensions

Press height over corridor	< 9,500 mm
Press width at corridor level, approx.	7 .000 mm
Press width at headboard level, approx.	8,800 mm
Press depth at corridor level, approx.	3,500 mm
Press depth at header level, approx.	5,200 mm
High fixture area above corridor	500 mm

Delivery time	immediately
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Price

on request

