

6050

schoen + sandt

schoen + sandt machinery GmbH

Hydraulic Large Area Die Cutting Machine with Receding Beam Type 6050

Your Benefits

- Automated, motor driven low point limitation with electrical switch off in end position
- Mechanical synchronized speed for parallel cutting even under off-center load
- Hydraulic powered beam
- Automatic adjustment of cutting die height
- Siemens S7 PLC with touch panel and clear text error indication
- Remote maintenance via telephone modem



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Hydr. Upstroke Cutting Machine

with Receding Beam Type 6050

Technical specification

- Very solid welded steel construction
- Due to its design, the machine is extremely rigid and runs with a high degree of synchronism
- Machine closes nearly parallel under full off-center load with full operating pressure
- Each pair of columns is connected with a tension rod
- Downwards movement of the tension rod is actuated by one hydraulic cylinder
- With automatic central lubrication for the column guidance
- The beam is powered by a hydraulic cylinder
- The beam return travel is infinitely adjustable.
- The electric control cabinet is mounted to one side of the machine
- The operator's panel to control all movements and functions is arranged on the front side of the control cabinet
- A Siemens PLC controls the various movements
- Operator's guidance via clear text error display
- Preselected stroke counter
- Total stroke counter
- 4 mechanical low point limits, automatically adjustable, adjusting accuracy 0,1 mm
- Automatic adjustment to cutting die height
- Safety light curtain for protection and cutting stroke release
- Cutting stroke release selective via 1-cycle resp. 2-cycle operation or via a push button
- Protective guarding in accordance with the European Standards
- Plastic cutting board D78
- Modern for quick response, long distance technical diagnosis and remote maintenance

Optional equipment

- Cutting stroke release via foot switch
- Automatic motorized cutting board oscillation
- Stationary cutting die holding brackets
- Adjustable cutting die holding brackets
- Operator's lamp
- Steel cutting plate

Specification

Cutting force in kN	1250 / 1600	2000 / 2400
Table height in mm		950
Daylight, max. in mm		190
Stroke, adjustable in mm		15 - 165

Cutting force	Cutting speed closing in mm/s	Cutting speed in mm/s	Cutting speed return in mm/s	Beam travel time in mm/s	Motor drive in kW	Oil requirement in ltr
1250 kN (125 Mp)	98	6,3	88	1000	18,5	550
1600 kN (160 Mp)	95	6,5	88	1000	18,5	550
2000 kN (200Mp)	95	6,4	91	800	22	550
2400 kN (240Mp)	73 mm/s	5,4 mm/s	82 mm/s	800 mm/s	22 kW	550

Subject to technical modifications.