schoen + sandt

schoen + sandt machinery GmbH

SCHWABE®

Cutting machines pro*LINE*

pro*CUT* 5300

Hydraulic Upstroke Cutting Machine with Receding Beam

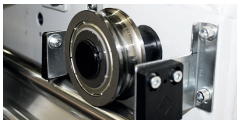
Technical specification

Daylight in mm (more possible)	190
Adj. return stroke in mm	15-160

Type	Cutting kN	Cutting area in mm	Cutting speed closing in mm/s	Cutting speed in mm/s	Cutting speed return in mm/s	Beam travel time in sec.	Motor drive in kW	Oil requirement in L.	Machine weight in kg
5300/120.80/63	630	1200 x 800	119	41* 6,4**	52	1,6	5,5	120	4000
5300/160.80/80	800	1600 x 800	87	36* 4,7**	52	1,6	5,5	150	5100
5300/170.105/100	1000	1700 x 1050	91	33 * 5,5 **	52	1,6	5,5	200	6700

* schnell stanzen, ** Kraft stanzen

Features

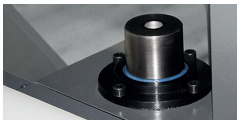


Highest Quality, LONGLIFE Steel Rollers

- designed with optimum raceway geometry

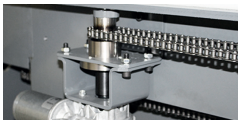
Tough, Hardened Steel Rails (guide Rails)

- extremely long operating life



Outlying stop blocks

- For optimal utilization of the cutting area

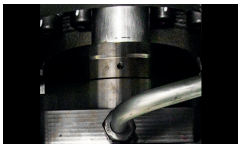


Cutting board oscillation

- Pneumatics not required

External hydraulics

- Maintenance-friendly hydraulic manifold
- Servo or conventional hydraulics



Maintenance-friendly hydraulic cylinders

- simple, easy and quick seal change

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Technical specification

- Solid welded steel construction
- 4 meachnical low point limits, automatically adjustable, adjusting accuracy 0,1 mm
- Stroke movement and the cutting force provided via two hydraulic cylinders, arranged in the machine base
- Up-stroke table guided by means of a centralized column guidance
- Beam travel is powered by a motoric driven swivel lever, therefore harmonic travel motion
- lectric control cabinet mounted to one side of the machine
- Operator's panel to control all movements and functions as well as all electric operating and control elements arranged on the front side of control cabinet
- Preselect stroke counter
- Total stroke counter
- 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
- Siemens S7 PLC controls the various machine movements
- Easy menu-guided operating
- Clear text message and trouble line
- Trunk diagnosis via VPN to minimize trouble fault times

Optional equipment

- Cutting Stroke Relase with foot switch
- Cutting die storage for different cutting die heights
- Plastic Cutting Board
- Automatic Cutting Board Oscillation
- Stationary cutting die holding brackets, Angle rails mounted underneath the beam
- Adjustable cutting die holding brackets, easily moveable under the beam to the corresponding cutting die width
- Central manuel cutting die clamping device
- Operator's Lamp
- Dust protection
- Trilingual human machine interface
- Increased daylight
- Cross laser