

5300A

schoen + sandt

schoen + sandt machinery GmbH

Hydraulic Upstroke Cutting Machine with Receding Beam Type 5300A

Your Benefits

- *Welded steel construction*
- *Automated, motor driven low point limitation
with electrical switch off in end position*
- *safety light curtain*
- *Start cutting process via 1-cycle resp. 2-cycle operation or via a push button*
- *Siemens S7 PLC Touch panel
with message and trouble textline Remote maintenance via telephone modem*



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Hydraulic Upstroke Cutting Machine

with Receding Beam **Type 5300A**

Technical specification

- Solid welded steel construction
- 4 mechanical 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
- Electric 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 telephone modem to minimize trouble fault times

Optional equipment

- Cutting Stroke Release 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 manual cutting die clamping device
- Operator's Lamp
- Dust protection
- Trilingual human machine interface
- Increased daylight

Specification

Daylight in mm	190
Working stroke, max. in mm	165
Adj. return stroke, min. in mm	15
Height of safety light curtain in mm	750

Typ	Stanzkraft in kN (Mp)	Stanzfläche in mm	Schließschw. in mm/s	Stanzgeschw. in mm/s	Rückhubge- schw. in mm/s	Brückenfahrge- schw. ca. in sec	Motorlei- stung in kW	Ölbedarf in ltr	Maschinen- gewicht in kg
5300/120.80/63	630 (63)	1200 x 800	80	27	40	1,2	3	100	4000
5300/160.80/80	800 (80)	1600 x 800	80	25	38	1,4	4	125	4800
5300/170.105/100	1000 (100)	1700 x 1050	70	2,3	40	2	5,5	250	6500

Subject to technical modifications.