

5320

schoen + sandt

schoen + sandt machinery GmbH

Hydraulic Upstroke Cutting Machine with Receding Beam Type 5320

Your Benefits

- *Adjustable, motor driven low point limitation integrated into the base*
- *High stroke speeds by post-suction system*
- *Siemens S7 PLC with touch panel and clear text error indication*
- *Remote maintenance via telephone modem*



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Hydraulic Upstroke Cutting Machine

with receding beam

Type 5320

Technical specification

- Rigid steel construction
- Cutting stroke and cutting force are generated by hydraulic cylinders arranged in the machine base
- Guiding of the upstroke table via force guided hydraulic cylinders
- The beam travel is powered by a motoric swivel lever. This effects a sinusoidal movement.
- Exact plane parallelity by means of 4 motorically adjustable limit stops with central adjustment
- The electric control cabinet is mounted in the machine base. A touchscreen panel to control all movements and functions is mounted laterally to the machine.
- A Siemens PCL / S 7 controls the various movements.
- Clear text error display
- Preselectable stroke counter
- Total stroke counter
- Autom. setting to die height with memory function
- Safety light curtain for protection and cutting stroke release
- 4 mechanical low point limit stops with autom. adjustment, adj. accuracy 0,1 mm
- Plastic cutting board 10 mm
- Modern, compact design
- 6 cylinders insure high plane-parallelism even when machine is offcenter loaded
- Dust-protected low point stops
- Simple Operation via touch panel
- Constant material feed height virtually eliminates problems when feeding from rolls
- Smooth beam forward and backward travel via PVC-wheels
- Easy maintainance
- Efficient and modular designed hydraulic system
- Energy-saving working
- Guarding equipment in accordance with EU regulations
- Cutting stroke release selective via 1-cycle resp. 2-cycle operation or via a push button
- Modern for quick response

Specifications

Daylight, max.	max. 180
Stroke, adjustable	15 - 160
Height of light curtain	750
Motor drive in kW	7,7
Cutting force in kN (Mp)	1000 (100)
Cutting area in mm	2500 x 1050 2100 x 1050
Cutting speed in mm/s	101
Cutting speed in mm/s	5,6
Cutting speed return in mm/s	101
Oil requirement in ltr	200
Beam travel time in sec	approximately 2

Subject to technical modifications.