

5300A

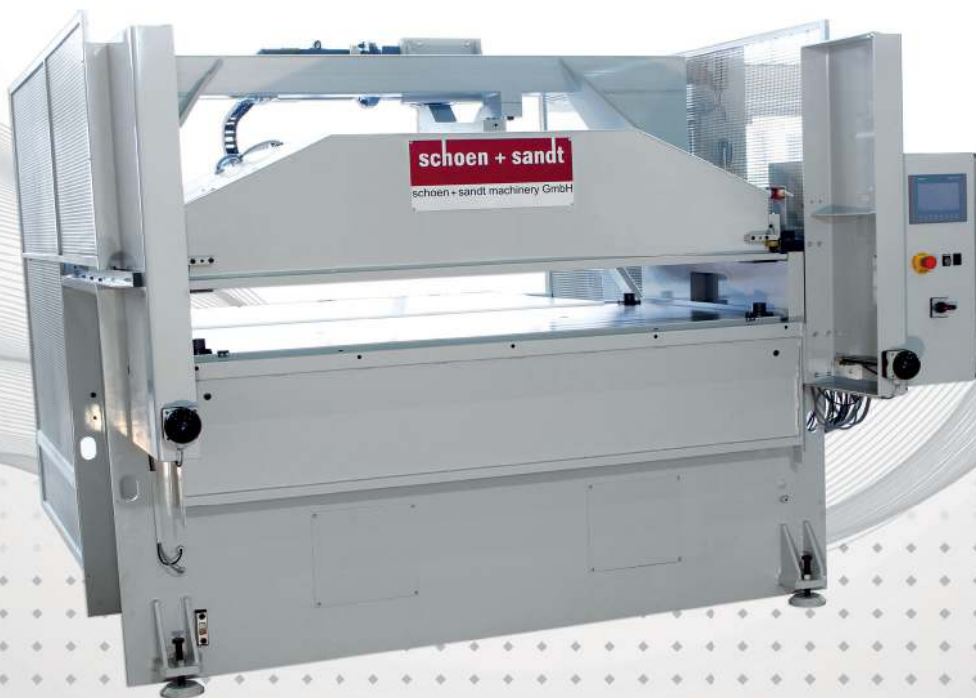
schoen + sandt

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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 VPN*



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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 VPN 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 |

| Type | Cutting kN (Mp) | 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 ltr | Machine weight 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 | 23 | 40 | 2 | 5,5 | 250 | 6500 |

Subject to technical modifications.