schoen + sandt

schoen + sandt machinery GmbH

SCHWABE®

Cutting machines pro*LINE*

pro*CUT* 6005

Beam Cutting Machine with Receding Beam

Technical specification

Daylight in mm (more possible)	185
Adj. return stroke in mm	15 - 160

Type pro*CUT*	Cutting kN	Cutting area in mm	Machine weight in kg	Oil requirement in L.
6005/206.105/125	1250	2060 x 1050	10.000	250
6005/206.125/125	1250	2060 x 1250	10.500	250
6005/206.125/160	1600	2060 x 1250	15.000	250

Features

NEW: Cutting force 1600 kN
- enhanced cutting length per stroke

KISS-cutting
- cut against steel

PREMIUM LONGLIFE anti-friction bushings
- less maintenance and cleaning

Extension of the adjustment range for the position stops
- no time lost due to adapter assembly

Reinforced guiding of the beam
- less wear and tear

Optimized design of the hydraulic cylinder and its surfaces
- less
- easy

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Technical specification

- Welded steel construction with 4 columns and receding beam
- With mechanical synchronization for maintaining plane-parallelism between beam and base
- Without central lubrication, with self-lubricating bushings
- The beam travel is powered by an electric motor
- The beam return travel distance is infinitely variable
- The oil-tight welded hydraulic power unit is installed at the rear side of the cutting machine
- The electric control cabinet is mounted to one side of the machine
- The operator's panel and all electric operating and control elements are arranged on the front side of the control cabinet
- A "Siemens S7" PLC controls the various movements
- Trilingual operator's guidance via clear text error display
- Preselect stroke counter
- Total stroke counter
- Automatic adjustment to the 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
- VPN for quick response, long distance technical diagnosis and remote maintance
- 4 mechanical low point limits, automatically adjustable, adjusting accuracy 0,05 mm
- New differential hydraulic

Your Benefits

- Mechanical synchronized speed for parallel cutting even under off-center load
- Automatic adjustment of cutting die height
- PLC with touch panel and clear text error indication
- Remote diagnosis and maintenance via VPN to significantly minimize downtime in the event of a malfunction
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SCHWABE

SERVICE • EXPERTISE • DURABILITY