

# 6005BA

**schoen + sandt**

schoen + sandt machinery GmbH

## **Hydraulic Die Cutter** **Type 6005BA**

### **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 maintenance via telephone modem*
- *Automated, motor driven low point limitation with electrical switch off in end position*



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# Hydraulic Die Cutter

## Type 6005BA

### 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
  - Modem for quick response, long distance technical diagnosis and remote maintenance
  - 4 mechanical low point limits, automatically adjustable, adjusting accuracy 0,05 mm
  - New differential hydraulic

### Specification

Daylight in mm		185
Working stroke, max. in mm		160
Table Height in mm		950
Type	6005BA/160.85/70	6005BA/206.105/125
Cutting force in kN (Mp)	700 (70)	1250 (125)
Cutting area in mm	1600 x 850	2060 x 1050
Motor drive in kW	5,5	11
Oil requirement in ltr	200	200

#### Other available sizes:

2200 mm x 1100 mm / 1000 kN  
2060 mm x 1050 mm / 1250 kN  
2060 mm x 1250 mm / 1250 kN

Subject to technical modifications.