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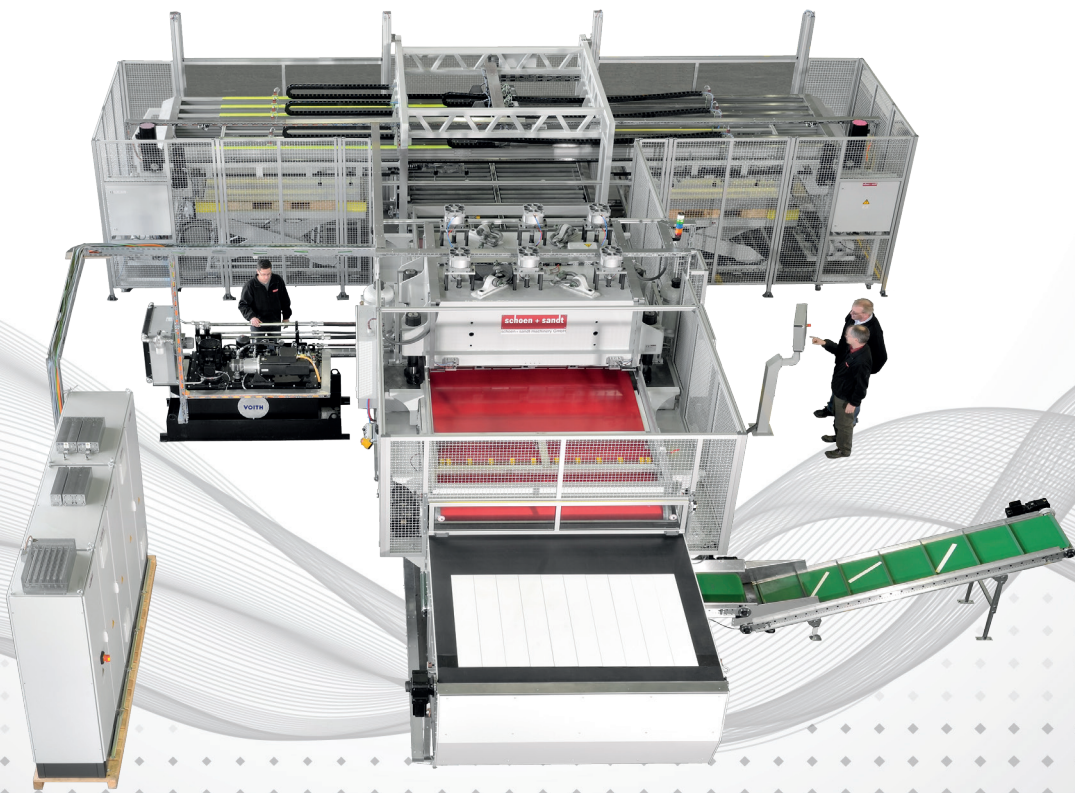
schoen + sandt

schoen + sandt machinery GmbH

Hydraulic Large Area Die Machine **Type 5050**

Your Benefits

- *Mechanical synchronized speed for parallel cutting even under off-center load*
- *Automated, motor driven low point limitation with electrical switch off in end position*
- *Automatic central lubrication of column guidance*
- *Siemens S7 PLC with touch panel and clear text error indication
remote maintenance via telephone modem*



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Hydraulic Large Area Die Machine

Type 5050

Technical specification

- Very solid welded steel construction
- Due to its design, the machine is extremely rigid and runs with a high degree of synchronism
- The Machine closes nearly parallel under full off-centre load with full operating pressure
- Each pair of columns is connected with a tension rod. The downwards movement of the tension rod is actuated by one hydraulic cylinder.
- With automatic central lubrication for the column guidance
- The control unit is built up in a separate control cabinet
- The operator's panel controls all movements and functions and is arranged on the front side of the control cabinet
- A Siemens S7 PLC controls the various movements
- Operator's guidance via clear text error display
- Preselected stroke counter and Total stroke counter
- 4 mechanical low point limits, automatically adjustable, adjusting accuracy 0,1 mm
- Automatic adjustment to cutting die height
- Safety light curtain for protection and cutting stroke release
- Protective guarding in accordance with the European Standards

Optional equipment

- Operating data management system
- Individual transport units
- Automatic cutting board oscillation
- Equipment for tile cutting industry
- Automatic die changing unit
- Multi-lingual human machine interface
- Separate operator panel

Specification

Stroke, adjustable	15 – 165
Daylight, max.	190
Table height	950
Height of safety light curtain	750
Oil requirement in ltr	700

Specification hydraulic

Cutting force in kN (Mp)	1250	1600	2000	2400
Motor drive in kW	18,5	18,5	22	22
Cutting speed closing in mm/s	98	95	95	73
Cutting speed in mm/s	6,3	6,5	6,4	5,4
Cutting speed return in mm/s	88	88	91	82

Available Dimensions

Width x Depth	1050 mm	1250 mm	1600 mm
1800 mm	✓	✓	–
2200 mm	✓	✓	✓
2500 mm	–	✓	✓

Subject to technical modifications.