

# 6140

**schoen + sandt**

schoen + sandt machinery GmbH

## **Hydraulic Large Area Die Cutting Machine**

**column design**

**Type 6140**

### **Your Benefits**

- 4 column design with cutting beams
- The cutting beam is guided by copper-alloy, maintenance-free gliding components with a dry lubricant
- The hydraulic cylinders work directly on the cutting beams, guaranteeing an even distribution of power
- 4 mechanical supports with automatic central adjustment limit the cutting beam low point during the punching process, thus facilitating the precise setup of the cutting die in 0.1 mm increments



**More than 150 years  
of perfect solutions  
[www.schoen-sandt.com](http://www.schoen-sandt.com)**

# Hydraulic Upper Piston Cutting Machine

column design

## Type 6140

### Technical specification

- For safety reason at the highest lift cutting stroke, safety supports lock the cutting beam in this position, thus preventing an uncontrolled drop (e/g when changing the cutting die).
- The hydraulic power unit is constructed as a separate unit. Motor, pump and hydraulic control valves are mounted on a carrier plate, which covers the oil tank beneath it.
- The electrical control system (SPS Siemens S7) is located in a separate switching cabinet. The individual functions are operated using a touch panel set into the door. The switching cabinet meets the requirements of EN Regulations 60204. On request, other local regulations may be taken into consideration.

### Optional equipment

- Cutting force            1500 - 4000 kN
- Table width:            1800 - 3300 mm
- Table depth:            1000 - 2100 mm

### Specification

Table surface	2400 x 1600 mm
Cutting force	2400 kN
Table height	1200 mm
Passage height, max.	350 mm
Cutting stroke adjustment	20 - 150 mm
Side passage between columns	max 1740 mm
Closing speed	110 mm/s
Cutting speed	10 mm/s
Back stroke speed	110 mm/s
Power input	60 kW
Oil requirement	500 l
Special feature	Servo-hydraulics

Subject to technical modifications.