

Swing arm cutting machine

Comparison of types 1018 and 1028C

schoen + sandt

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Hydraulic swing arm cutting machine type 1018

The machine type 1018 is used predominately by companies that have high demands on ergonomics, ease of use, long service life and low maintenance costs yet still expect high performance for this type class. This machine is therefore often used by the shoe industry, textile industry and automotive supplier industry. Earlier versions of this series have been manufactured by us for more than 100 years and are in use around the world. Compared to the 1028C version and types of other manufacturers, the 1018 machine has the following differences:



Figure / model similar

- Improved force-feed lubrication of swing post. The swing-able pressure column is supported by a liquid bearing and can thus be easily moved by the operator.
- Lightweight aluminum pressure foot for even easier use.
- Increased low point precision at end of stroke due to cut-off at low point with the help of an electronic displacement transducer instead of a conventional pushbutton. As a result, the idle time of tools and cutting boards is considerably increased.
- Monitoring of bending (overload protection) with the help of sensors. As an additional option cut-off by means of a sensor instead of the displacement transducer. This has the advantage that smaller tools no longer require setting and that the machine can be used at various tool heights without having to reset the machine.
- Siemens S7 control with operation over a modern Touch Panel for easy and intuitive operation.
- Fast and easy tool setting (only one keypress required. Correction of low point with the help of a button if necessary).

Specifications:

Cutting force: 220 kN
Swing arm width: 350, 450 or 550 mm
Size of table: 450 x 900 mm

Equipment:

Table enlargement for sheet material
Side stop for swing arm
Swing arm fixing equipment

Benefits:

- + Modern Siemens SPS control S7
- + Improved forced-feed lubrication for easy moving of the swing arm
- + Exact low point switching by absolute encoder
- + Control of swing arm upswing and fast die adjustment
- + Available with various widths of swing arm

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Hydraulic swing arm cutting machine type 1028 C

The machine type 1028C is a simplified version used predominately in companies with lower output requirements.



Specifications:

Cutting force:	200 kN
Swing arm width:	550 mm
Size of table:	500 x 1000 mm

Equipment: -

Benefits:

- + Cost-effective machine with superb cost-to-performance ratio



examples of products

Depending on the requirements and intended application, swing arm cutting machines for manual insertion of material and tools are available in two basic designs. These machines are particularly suitable for small lot sizes or parts. All machine types listed are designed in a robust steel construction with a secure two-hand trip.