

SCHMIDT® CamPress 11N

The best of both worlds

We have merged the best features of the two hand lever press types, the toggle press and the rack and pinion press, and combined them in the **SCHMIDT®** CamPress 11N. Thanks to this clever mechanism, the patented assembly press is characterized by a particularly smooth operation and strong force at the end of the stroke. The sophisticated mechanics make the manual CamPress 11N particularly ergonomic and user-friendly.

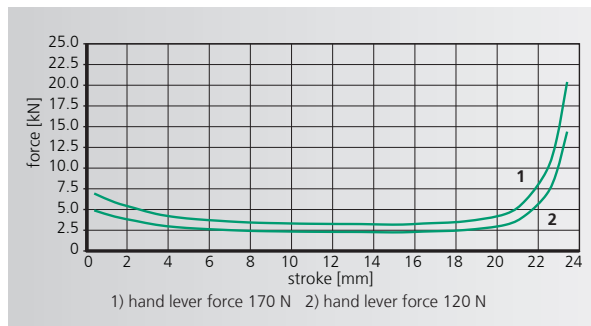
This unique motion creates a high, linear force progression with high breakaway torque at the beginning of the ram movement and a steep force increase at the end of the stroke; and all this with constant hand force.

The use of the balance weights and the ErgoHandle ensures a smooth motion process and ergonomic operation of the hand lever. Both components are part of the standard scope of delivery. Of course, the proven options such as return stroke lock, fine adjustment, mechanical counter and height adjustment with the crank lever can also be used here.

SCHMIDT® CamPress 11N
with return stroke lock and
fine adjustment



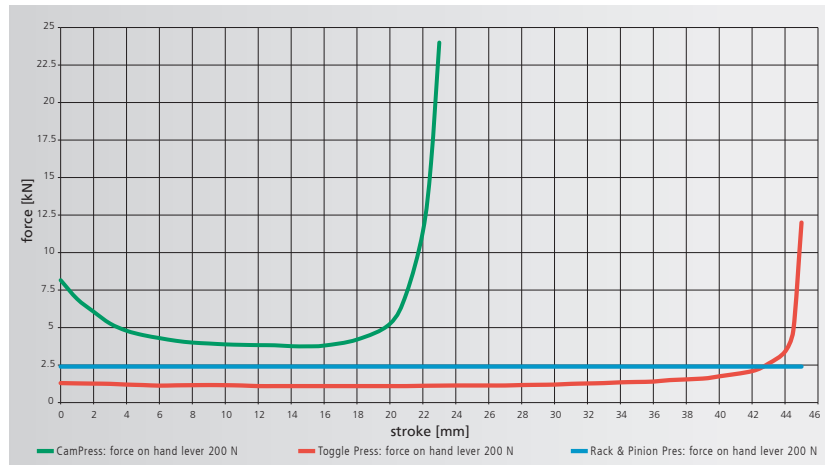
Balance weight and
ErgoHandle for
ergonomic operation
of the hand lever



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Examples of process-safe workstations

Press Typ		11N	11NF
Press head type		11N-23	11NF-23
Nominal force	kN	20	
Working stroke	A mm	23	23
Throat	C mm	86	
Head height	S mm	458	481
Ram bore	Ø mm	10H7	
Hand level left			
Rotation angle / stroke	°	180	
Max. weight upper tool ²⁾	kg	2	
Return stroke lock²⁾			
Minimum working stroke	mm	10.3	
Locked position 1	mm bef. BDC	12.7	
Locked position 2	mm bef. BDC	1.8	
Disengaging accuracy	mm	0.05	
Working height⁴⁾			
Frame No 5	mm	75 – 320	55 – 300
Weight	~ kg	40	
Option		11N	11NF
Mechanical counter			o



CamPress 11N in comparison to Toggle Press and Rack and Pinion Press

Overview frame	Press Typ	Frame height M (mm)	Table size B x T (mm)	Table bore D (Ø mm)	Table height K (mm)	Footprint B x L (mm)
Nr. 5	11N	587	185 x 110	20H7	60	185 x 273

Options

- Series with no additional charge o Additional charge applies
- ²⁾ Adjustment of locking position on request
- ³⁾ The weight was determined with hand lever position 45° forward (guide)
- ⁴⁾ Typical values; can vary ± 3 mm due to casting and production tolerances

Other available options

- Nickel plated – cast parts are electroless nickel plated, steel components black oxide finished, aluminum anodized, precision steel surfaces are untreated
- Custom paint – press and column can be painted to customer's color specification
- Bores for adapting tooling – customer specific sizes



Patented mechanics with high force at the end of the stroke

