

MP 1065 TCe

MP

Hydraulic press-in machine
10 tons of pressing force, 650 mm throat

The machine is equipped with a touch-screen control that enables the storage of up to 1,000 item data and 100 programs. The saved parameters, including press-in pressure and dwell time, are automatically called up and set.



Technical data:

Dimensions (LxWxH)	1560x1100x2200mm
Weight	1180KG
C-bar opening	650mm
C-bar height	450mm
Cylinder stroke	200mm
speed	1200 cycles/h
pressing force	2-96 KN
Repeatability +/- 1%	
Current/power	400V / 3.5KW

Options:

- electronic tool cross
- automatic feeding • force/ distance measurement and recording • length measurement of the press-in elements • USB connection for peripheral devices • memory expansion • integration of robot/handling systems



Miller Presses GmbH

Unterdorfstrasse 3

DE – 86637 Villenbach

08296 909 931-0

info@miller-pressen.de

www.miller-pressen.de

Miller Pressen

Intelligente Einpressmaschinen

Miller Pressen GmbH has specialized in the development of press-in machines for the installation of Clinch press-in elements.

Our product range ranges from the cost-effective standard machine with manual adjustment for simple requirements to powerful press-in machines with automatic parts feeding, touch screen control and tool changing systems with automatic parameter retrieval of up to 100 different data sets.

The construction and assembly of the Miller press-in machines is carried out in-house. We pay attention to high safety and quality standards.

Special designs with handling systems, robot connection or multiple feeds with tool changers on request.

All benefits at a glance:

- **MADE IN GERMANY** the control, programming and Safety components come from Germany and are assembled in Bavaria. • Guaranteed, long-term reliability through the use of high-quality components • Easy to handle and short changeover times • Low maintenance and service requirements • Very flexible due to the large number of possible applications • Automatic feeding system, electronic tool cross, etc.

Optionally available

- Energy-saving, solid design with the energy efficiency of a hydraulic system • Electronic and mechanical safety system, for 100% safe processing of conductive and non-conductive materials • Connection to the usual power supply (400V) • Processing of all common press-in elements, press-in nuts up to M12, threaded bushings up to M10, threaded bolts up to M10 • Continuous adjustment of the press-in force.

Hydraulic press-in machine 6 tons of pressing force, 450 mm throat

Cost-effective and high-quality press-in machine for universal applications.

The machine has a small PLC with a screen for payment setup and setting various press-in parameters. The press-in force is adjusted manually.




Technical data:


Dimensions (LxWxH)	1060x960x2100mm
Weight	630KG
C-bar opening	450mm
C-bar height	400mm
Cylinder stroke	200mm
speed	1200 cycles/h
pressing force	2-56 KN
Repeatability +/- 1%	
Current/power	380V / 2.2KW

Optionally, the machine can be equipped with an automatic feeder and/or a manual tool cross.


The Miller press-in machine and the optional range of accessories



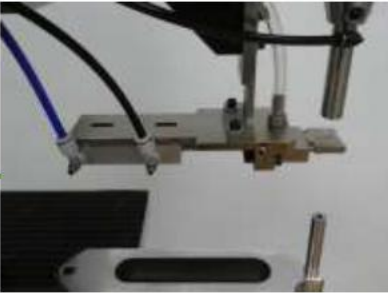
Vibratory conveyor for automatic promoting the fasteners




Isolation isolate and promote the individual Fasteners for Feeding unit



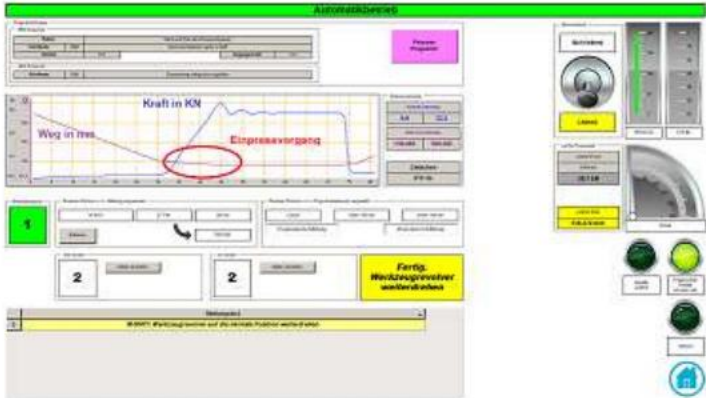
TIS
Tool carousel with 4 stations and automatic
Calling the associated ones parameter




Top feed unit automatic feed
from
Press-in threaded bolt/ -
bushings to the stamp



Feed unit below
automatic feeding of
Press-in nuts to the underside of the workpiece



Touch screen control with
force/distance measurement



MP 1065 TSC
Miller Pressen 10 Tonnen, 100mm Ausladung Auto Feeder

WARNHINWEISE

Miller Pressen



J-receptacle
for editing difficult to
access
Press-in positions

User videos

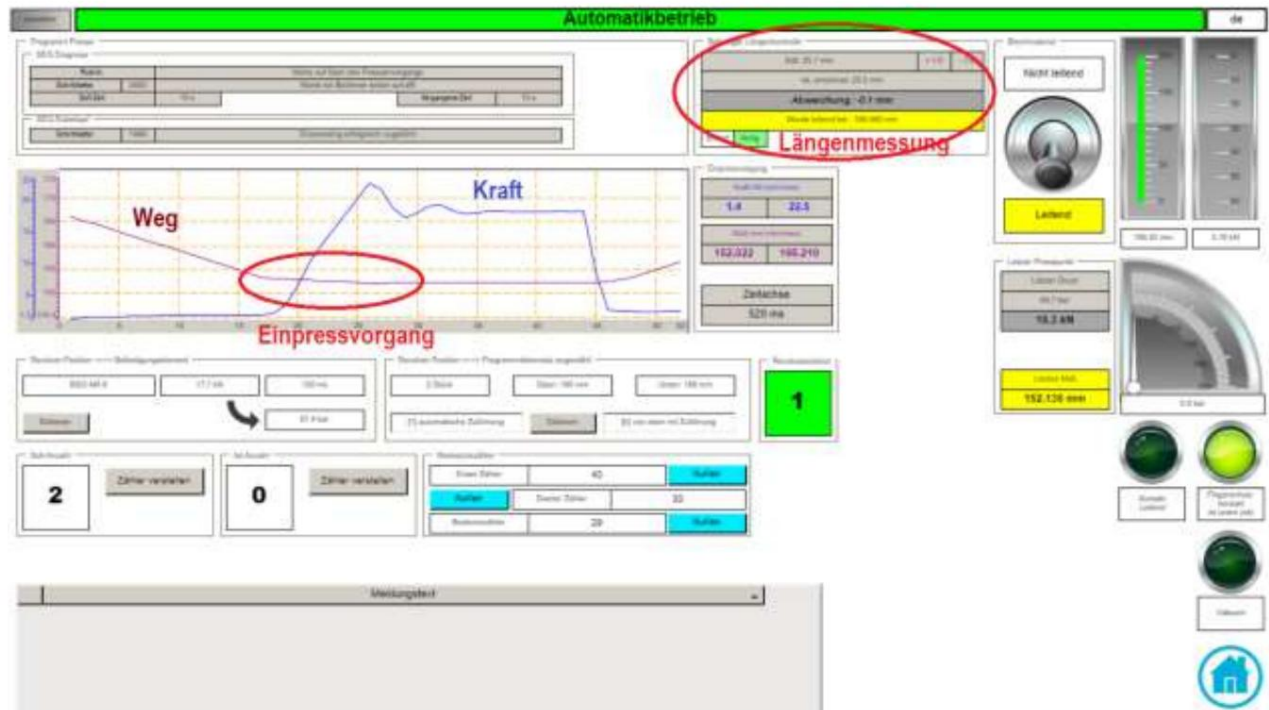
On our YouTube
Channel:
Miller presses

Matrices recording
with a narrow side for
complex components and
geometries



PLC control with 15.6" touch screen

The Miller TC series press-in machines are equipped with a Berghof control and a 15.6 inch touch screen.



The control is programmed in-house using CODESYS. This enables us to implement special customer requirements at short notice.

Thanks to the optional remote maintenance module, service costs can be reduced and downtime costs can be minimized. Program updates and additional functions can also be imported via the Internet. Eg:

- Force/distance measurement with trend output
- Length control of the press-in elements (quality assurance)
- Program memory expansion
- Program output/input via LAN (RJ45)
- USB port for scanner or other input device.

Most electronic components are from well-known German manufacturers. The safety circuit and relays are from Murr Elektronik, the proportional valves are controlled by BÜRKLIN control electronics, WAGO terminals etc.

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Current/power	380V / 2.2KW

Options:

- electronic tool cross
- automatic feeding • force path measurement and trend Recording •
- Length measurement of the Press-in elements •
- USB connection for peripheral Devices
- Memory expansion •
- Integration of robot or Handling systems •
- further options on request
- Programmable