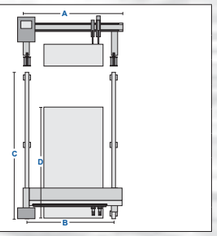
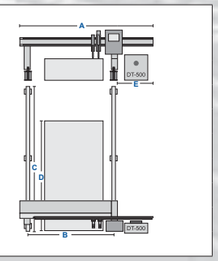
Economic basic machine for oxy-fuel and plasma cutting as well as for the machining of pipes and beams

Technical Data:	ZINSER 2025
Track width (B)	2.100 / 2.600 / 3.100 / 3.600 mm
Machine width (A)	Track width (B) + 800 mm
Working width with 3 torches	Track width (B) - 600 mm
Machine length (C)	Working lenght (D) + 1.500 mm
Max. number of torch carriers	4
Cutting thickness (Standard)	up to 150 mm
Drives	AC Servo motors
Input Voltage:	3 x 400 V / 50 Hz



Technical Data:	ZINSER 2026
Track width (B)	2.100 / 2.600 / 3.100 / 3.600 mm
Machine width (A)	Track width (B) + 1.500 / 2.000 mm
Working width with 3 torches	Track width (B) - 600 mm
Machine length (C)	Working lenght (D) + 1.500 mm
Max. number of torch carriers	4
Cutting thickness (Standard)	up to 150 mm
Drives	AC Servo motors
Input Voltage:	3 x 400 V / 50 Hz
Extension (E):	1.000 / 1.500 mm



Technical Data:	DT-500
	Rotation axis with digitally controlled AC servo motor
Pipe diameter:	50 - 500 mm
Max. pipe weight:	1.000 kg
Input Voltage:	400 V / 50 Hz

Other rotation devices on request e.g. for pipe diameters up to 1.000 mm

Subject to modif cations 10.12 504 1101-00361 ZINSER 2025/26

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CUTTING WELDING

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ZINSER

Further information and detailed consultancy on the best cutting system for you can be obtained from your ZINSER team.

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ZINSER 2025 / ZINSER 2026

Economic basic machines for oxy-fuel and plasma cutting

Made in Germany
Since 1898

ZINSER 2025 / ZINSER 2026

Economic basic machines for oxy-fuel and plasma cutting



Track / Y-Drive

- Dual side AC servo drive via rack and pinion
- Perfect running smoothness, high angle accuracy by the use of selected racks and precise planetary gears
- Hardened drive pinions

Gantry bridge

- High precision bridge, produced according to most modern standards
- Double guidances for torch carriers

Drive Carriage / X-Drive

- AC-servo drive via rack and pinion
- Slave carriages are clamped on CrNi-steel wire
- Motorized torch height control

Options

- SPS-controlled fume extraction tables, cartridge filter systems with pneumatic cleaning

Controller

The ZINSER CNC controller and the guiding machine ZINSER 2025 are perfectly matched. As the user interface is very easy to handle the features of the machine will be optimally used. The ZINSER programming system and the integration of the CNC control into your network (intranet) minimizes the time between the CAD and the cut workpiece.

The perfect solution for combined tools

With this New Cutting Machinery Generation requests of our customers for an economic machine became consequently realized.
The ZINSER 2025 is a high value guiding machine for oxy-fuel and plasma cutting, ideal for combined cutting tasks. It has a dual side AC drive via rack and pinion. The ZINSER 2026 is equipped with an additional cantilever for the machining of pipes or beams.

Upgrade Components for Cutting System ZINSER 2025 / ZINSER 2026

Oxy-Fuel:

- Digital piercing unit with database for plate thickness up to 150 mm
- Electrical ignition unit
- Automatic torch height control
- Automatic torch positioning (for multi-torch use)
- Single torch addressing

Machining of pipes and beams (only ZINSER 2026):

- Cantilever with a length up to 1.500 mm
- Rotating axis for pipes with diameters up to 500 mm Ø

Plasma:

- CNC controlled data communication to plasma power source with automatic gas console, cutting data is sent directly from the CNC controller to the system (database) with automatic setting
- Arc voltage height control with data connection and automatic communication

Marking units:

- Plasma marking
- Inkjet
- Needle marking
- Drilling unit
- Punching unit
- Powder marking

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