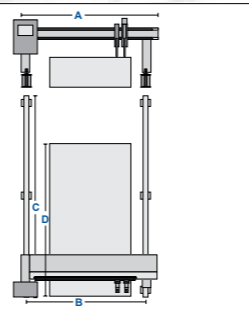




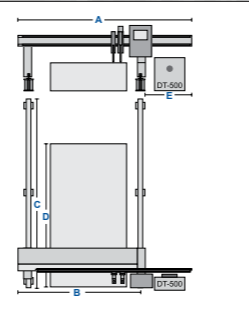
ZINSER 4025B / ZINSER 4125B and ZINSER 4026B / ZINSER 4126B

Gantry Machines for Plasma and Oxy-Fuel Cutting

Technical Data:	ZINSER 4025B	ZINSER 4125B
Track width (B) in 500 mm increments:	3.100 - 5.600 mm	6.100-10.100 mm
Machine width (A):	Track width (B) + 850 mm	Track width (B) + 850 mm
Working width with 1 torch:	Track width (B) - 600 mm	Track width (B) - 600 mm
Machine length (C):	Working length (D) + 2000 mm	Working length (D) + 3000 mm
Max. number of torch carriers	12	12
Cutting thickness:	up to 300 mm	up to 300 mm
Drives:	AC servo motors	AC servo motors
Input Voltage:	400 V / 50 Hz	400 V / 50 Hz



Technical Data:	ZINSER 4026B	ZINSER 4126B
Track width (B) in 500 mm increments:	3.100-5.600 mm	6.100-10.100 mm
Machine width (A):	Track width (B) + 2.100/2.600mm	Track width (B) + 2.100/2.600mm
Working width with 1 torch:	Track width (B) - 600 mm	Track width (B) - 600 mm
Machine length (C):	Working length (D) + 2000 mm	Working length (D) + 3000 mm
Max. number of torch carriers	12	12
Cutting thickness:	up to 300 mm	up to 300 mm
Drives:	AC servo motors	AC servo motors
Input Voltage:	400 V / 50 Hz	400 V / 50 Hz
Extension (E):	1.500 / 2.000 mm	1.500 / 2.000 mm



Technical Data:	DT-500 Standard
	Rotation axis with digitally controlled AC servo motor
Pipe diameter:	50 - 500 mm
Max. pipe weight:	1000 kg
Input Voltage:	400 V / 50 Hz

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

Subject to changes and possible errors 11.12 504 1101-00011 ZINSER 4025B/26B + 4125B/26B



ZINSER 4025B / ZINSER 4125B and ZINSER 4026B / ZINSER 4126B

Gantry Machines for Plasma and Oxy-Fuel Cutting



Gantry bridge

- High precision bridge, welded structure, produced according to most modern standards
- Double ball rail systems for torch / tool carriers

Track / Y-Drive

- Bilateral AC servo drive 3 x 400V
- Perfect running smoothness, high angle accuracy by the use of selected racks and precise planetary gears
- Hardened drive pinions
- Adjustable contact pressure of the drive pinions

Drive Carriage / X-Drive

- AC-servodrive via rack and pinion 3 x 400 V
- Slave carriages are clamped on CrNi-steel wire
- Motorized torch height control with 4 quadrant regulator

Options

- SPS-controlled fume extraction tables, cartridge filter systems with pneumatic cleaning
- External CAD / CAM Nesting software
- Network link
- Adaptation to customer's requirements possible anytime

With this Cutting Machinery Generation requirements of our customers became consequently realized. The extraordinary robust design, linked with a high stiffness, precise linear guides (ball rail systems) on the gantry bridge and a heavy duty runway, based on milled railway profiles S 49, guarantee the very best quality and a long duration of life. Excellent and powerful digitally controlled AC-drive systems with high precision planetary gears as well as selected racks give the ZINSER 4025B / ZINSER

4125B and ZINSER 4026B / ZINSER 4126B excellent motion characteristics, even at higher speeds. The result of all these features is an outstanding cutting quality. By use of a wide number of tools and additional components the ZINSER cutting systems match the customer's cutting task perfectly. The ZINSER 4025B / ZINSER 4026B is available in track widths up to 5.600 mm. The ZINSER 4125B / 4126B is available in track widths up to 10.100 mm.

Therefore the ZINSER 4125B and ZINSER 4126B have an even more robust and higher gantry bridge and longer longitudinal carriers. Up to 12 torch carriers can be mounted on each gantry bridge. The ZINSER 4026B and the ZINSER 4126B are equipped with an additional cantilever for the machining of pipes or beams.



Upgrade Components for Cutting Systems ZINSER 4025B / 4125B and 4026B / 4126B

Oxy-fuel:

- Digital piercing unit with database for plate thickness up to 200 mm
- Electrical ignition unit
- Automatic torch height control
- Automatic torch positioning (for multi-torch use)
- Single or triple torch beveling devices
- Single torch addressing

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
- Full or semi-automatic beveling devices

Machining of pipes and beams: (4026B / 4126B):

- Cantilever up to 2.000 mm
- Rotating axis for pipes up to 1.000 mm diameter

Marking units:

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

CNC-Drilling units:

- For holes up to 40 mm diameter (in plate of 100 mm)
- Automatic tool changer for drilling unit
- With broken drill detection device

CUTTING
WELDING



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