

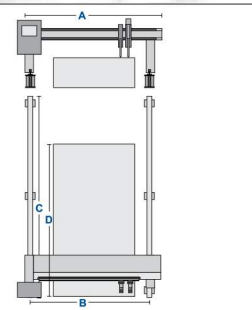


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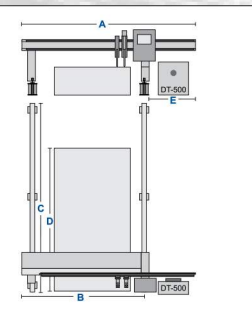
ZINSEK 4025B / ZINSEK 4125B and ZINSEK 4026B / ZINSEK 4126B

Gantry Machines for Plasma and Oxy-Fuel Cutting

| Technical Data: | ZINSEK 4025B | ZINSEK 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: | ZINSEK 4026B | ZINSEK 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



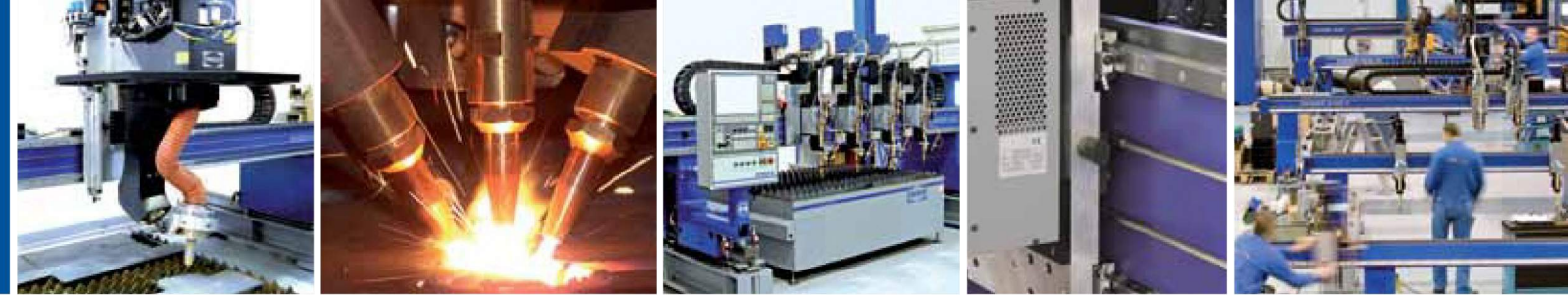
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Made in Germany
Since 1898

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

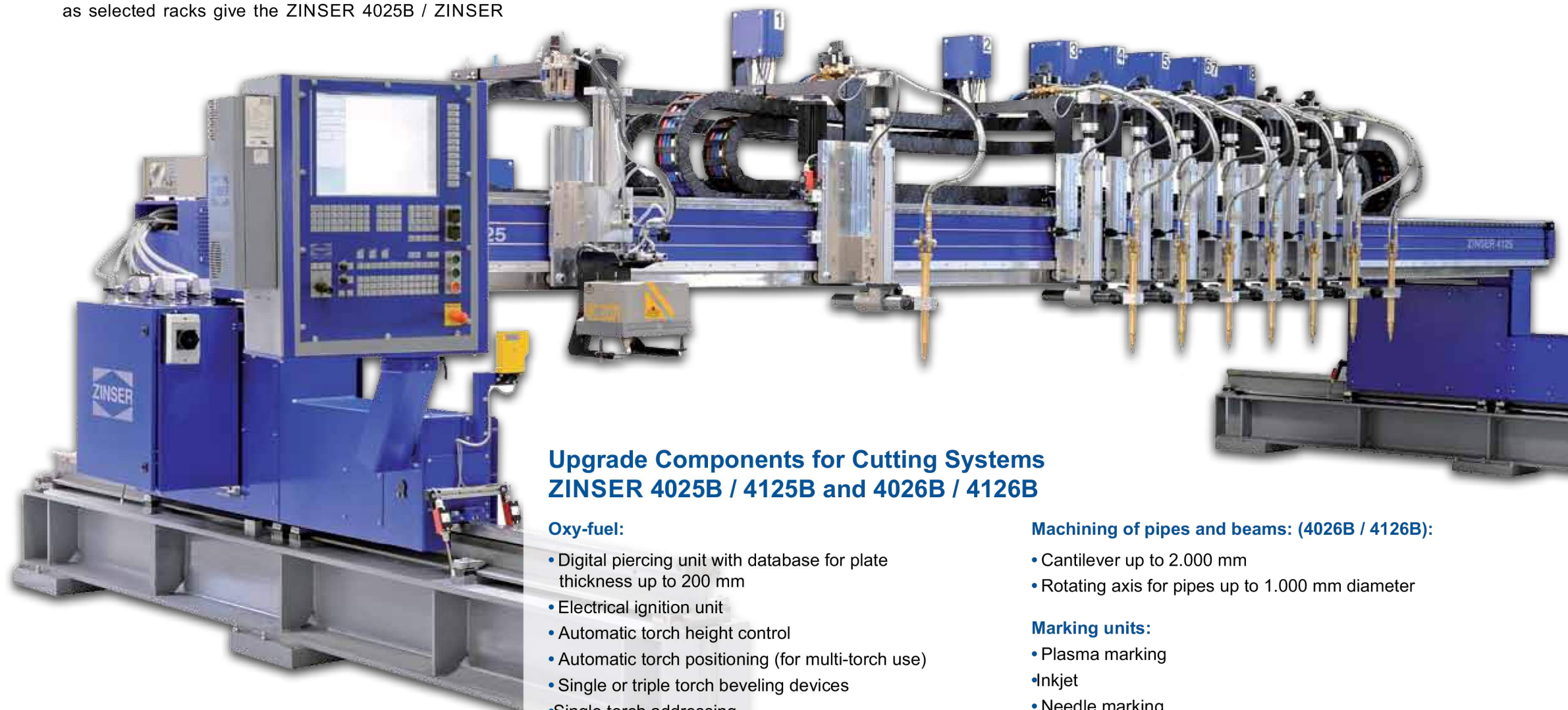
Options

- 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