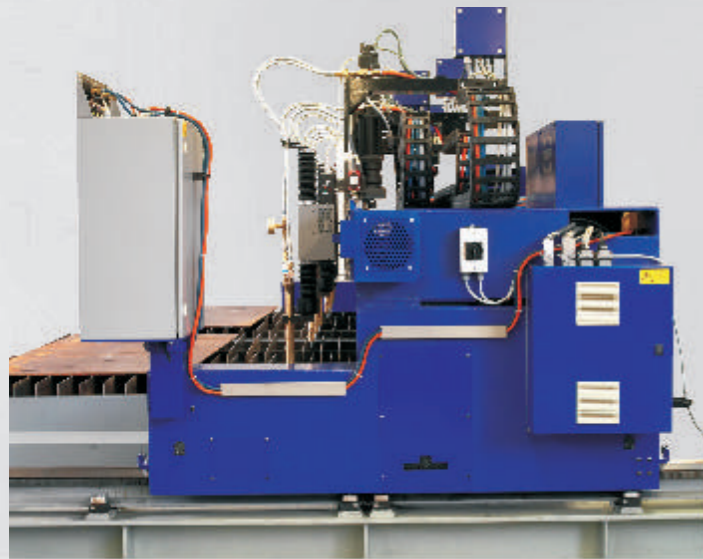


ZINSER 4025B/4125B - extraordinary solid construction for challenging customers

- for all oxy-fuel, plasma and marking tasks
- plasma or oxy-fuel rotation devices for bevel cuts
- rotary drive DT-500 for the machining of pipes
- high automation level of the complete cutting process



- very solid construction, to also ensure the precise guidance of heavy devices
- double linear guidance in the gantry for precision cuts
- double-sided AC-drive for high speed
- perfect running smoothness and high angle accuracy by use of selected racks and precise planetary gears

Please ask your ZINSER representative for further informations.

Appointed dealer:

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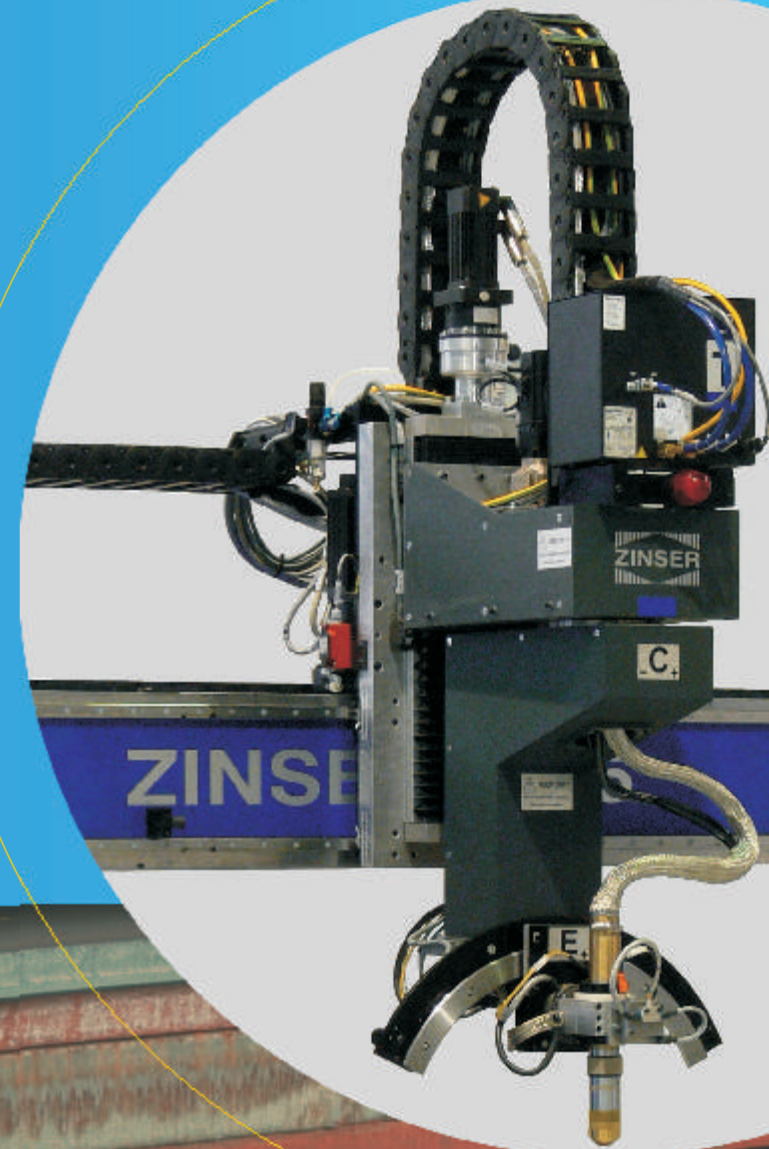
Subject to modifications 3.07 11 001-026a / 504 1001-00026



One company
3 production lines

Gantry Machine for Plasma and Oxy-Fuel Cutting

ZINSER 4025B / 4125B



N10 F1000 V10.0 T1 G90
 N20 G92 X0 Y0
 N30 G0 X230 Y150 T2 F800
 N40 G4 M8 M21 M15
 N50 G1 X240 Y150 G41 M4 M9

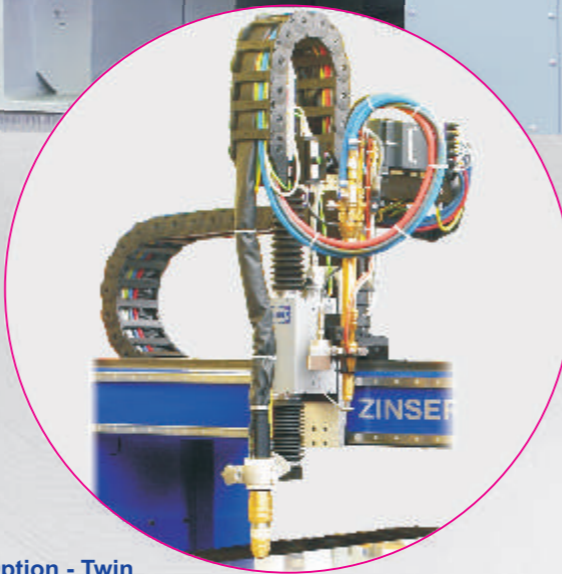
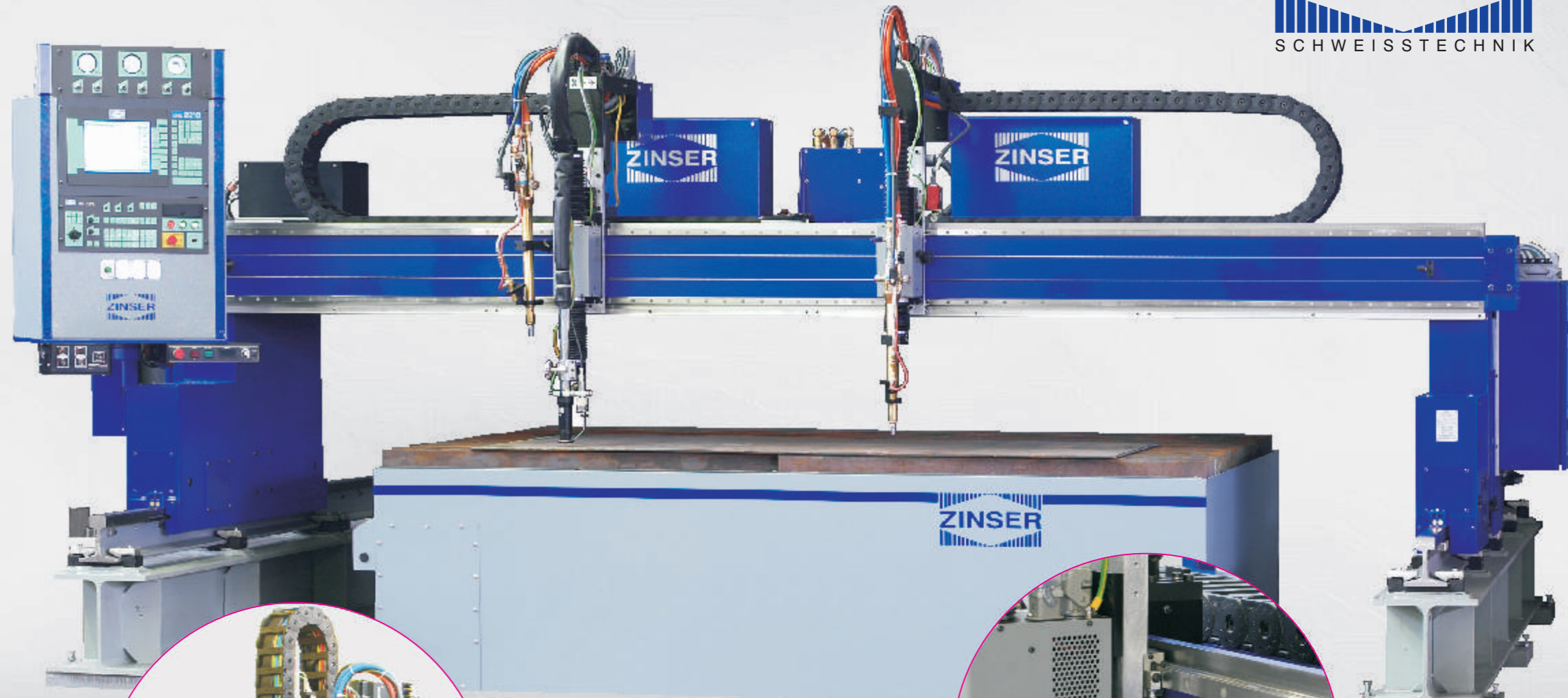
New Measures in Precision and Quality



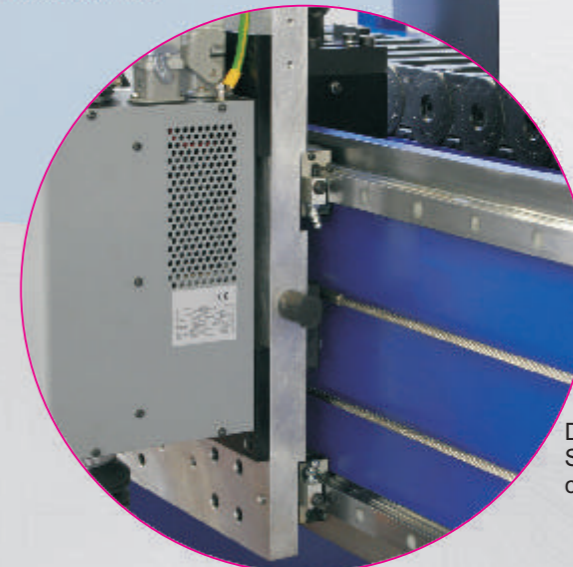
ZINSEK 4025B / 4125B Gantry Machine for Plasma and Oxy-Fuel Cutting

With this New Cutting Machinery Generation requirements of our customers became consequently realized. The extraordinary robust design, linked with a high stiffness, precise linear guides 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 ZINSEK 4025B / 4125B excellent motion characteristics, even at higher speeds. The result of all these features is an outstanding quality of cut. By use of a wide number of tools and additional components customer requirements become fulfilled most favourable.

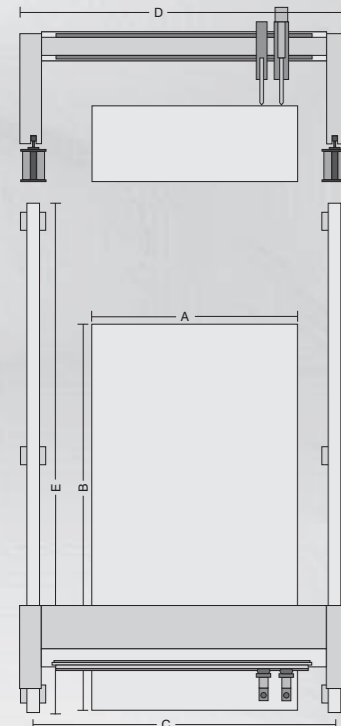
The ZINSEK 4025B is available in track widths up to 5.600 mm. The ZINSEK 4125B is available in track widths up to 10.100 mm. Up to 8 torch carriers can be mounted on the machine.



Option - Twin
Torch carrier with TWIN support for the alternative use of plasma and oxy-fuel torch



Double linear guidance
Stainless steel wire for slave carriages



- Basic scope of delivery**
- On board CNC-controller (floor mounted type on request)
 - Machine cutting torch for up to 300 mm material thickness

	ZINSEK 4025B	ZINSEK 4125B
Track width (C) in 500 mm increments	3.100 - 5.600 mm	6.100 - 10.100 mm
Machine width (D)	C + 640 mm	C + 880 mm
Working width with 1 torch	C - 600 mm	C - 600 mm
Machine length (E) = Working length	+ 2.000 mm	+ 3.000 mm
Max. number of torch carriers	8	8
Cutting thickness	up to 300 mm	up to 300 mm
Drives	AC servo motors	
Input Voltage	400 V / 50 Hz	

Gantry bridge

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

Track / Y-Drive

- Bilateral AC servo drive
- Perfect running smoothness and high angle accuracy by use of selected racks
- Hardened drive pinions
- Speed up to 15.000 mm/min

Drive Carriage / X-Drive

- AC-drive via rack and pinion
- Slave carriages are clamped on CrNi-steel wire
- Motorized torch height control with 4-quadrant-controller

CNC Controllers

- CNC 300 or CNC 2030 / CNC 2050

Options

- PLC-controlled fume extraction tables, cartridge filter systems with pneumatic cleaning
- Nesting software / Network link
- Adaptation on customer's requirement

Additional Components

- Automatic piercing unit with fast preheat function via proportional valves, including central gas control
- Automatic ignition unit
- Motorized torch height control and capacitive height control
- Electric arc voltage control for plasma cutting
- Additional machine cutting torches
- Plasma power sources
- Plasma interlock and dialogue system
- Drilling unit
- Drawing unit
- Marking unit
- Punching unit
- Oxy-fuel or plasma bevelling unit
- Water spray unit