

Since 1898 performance and progress

Flame cutting
machines

Oxy-acetylene
equipment

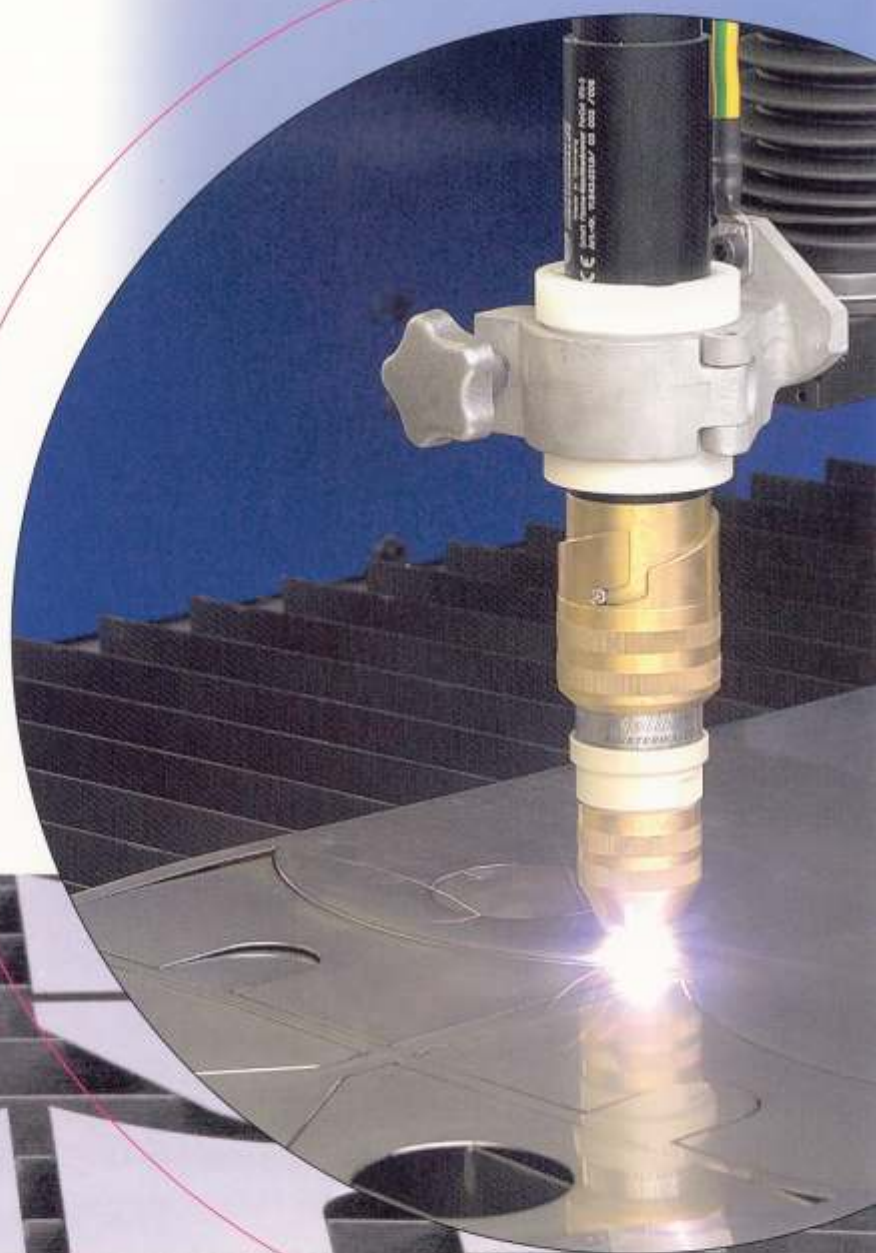
Hot air welding
devices



One company
3 production lines

ZINSEK 2315/2325

**Gantry Machine for Plasma
and Oxy-Fuel Cutting**



N160 G1 X10 Y10 N160 G1 X10 Y10
N160 G1 X10 Y10 N160 G1 X10 Y10 N160 G1 X10 Y10 N160 G1 X10 Y10

ZINSER 2315/2325

A flexible machine for high standards



ZINSER 2315/2325

ZINSER 2315/2325 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 S49 profiles, 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 2315/2325 excellent motion characteristics, even at higher speeds. The result of all these features is an outstanding quality of cut.

A great variety of additional tools and optional devices permits a perfect adaptation of the machine to the customers's requirements. The ZINSER 2315/2325 is available in track widths up to 3.600 mm and can be equipped with up to 4 torch carriers.

The longitudinal drive can be single-sided (ZINSER 2315) or double-sided (ZINSER 2325).

The models ZINSER 2315-N and ZINSER 2325-N have a double linear guidance within the gantry. This ensures the highest accuracy for precision plasma cutting and the use of additional tools like a drilling or a drawing unit.

Basic scope of delivery

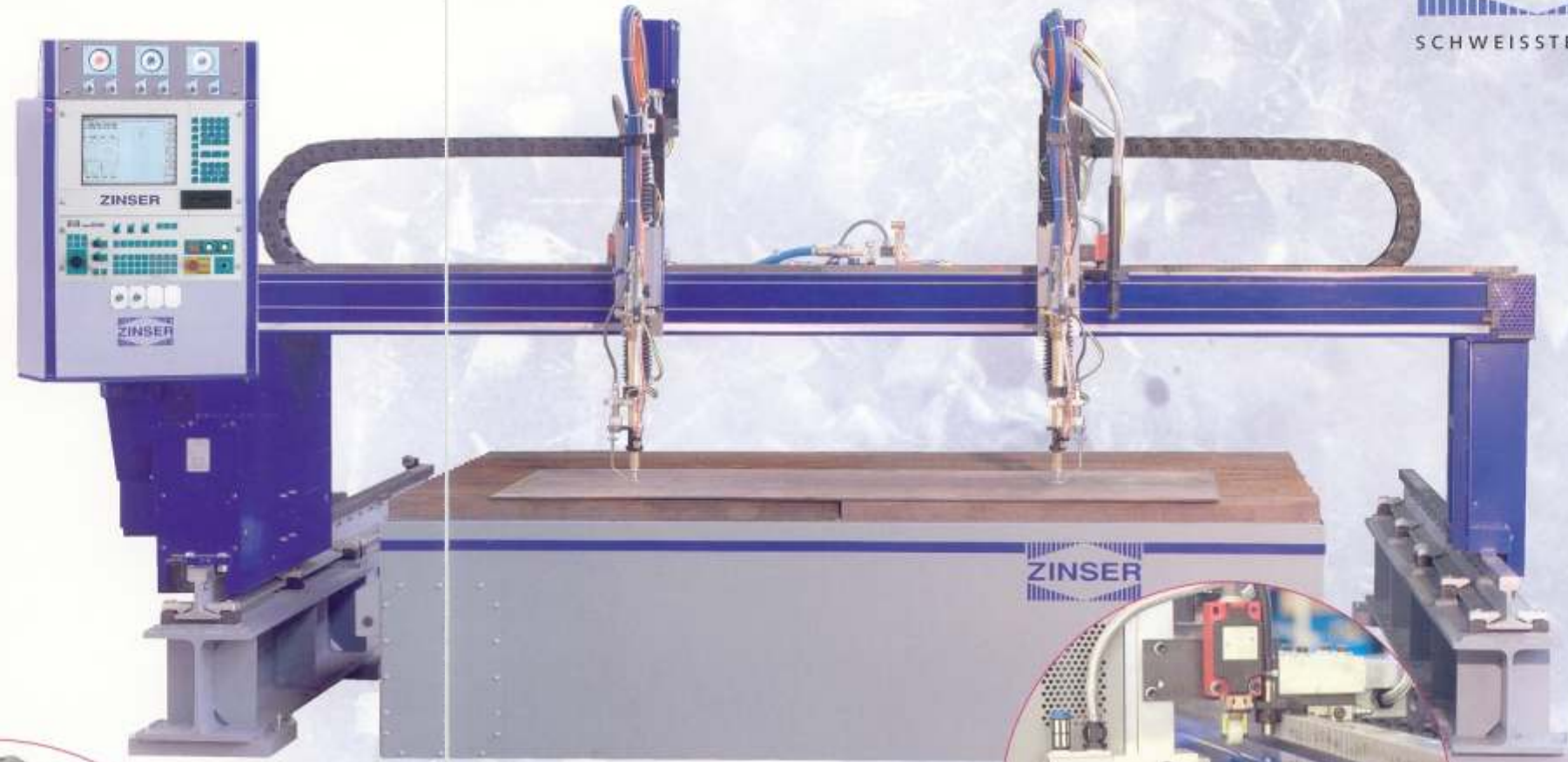
- On-board CNC-controller (floor mounted type on request)
- Machine cutting torch for up to 300 mm material thickness
- Cutting speed up to 6.000 mm/min
- Idle speed up to 15.000 mm/min

Optional Equipment

- Automatic piercing unit with high-preheat function via proportional valves
- Automatic ignition unit
- Motorized torch height control and capacitive height control
- Additional machine cutting torches
- Plasma power sources
- Plasma interlock and dialogue system
- Drawing unit
- Water spray unit
- Marking unit
- ...



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



Option
- Automatic torch positioning with pneumatic clamping
- Double linear guidance (ZINSER 2315-N and ZINSER 2325-N)

Gantry Bridge

- High precision and produced under most modern process
- Linear guidance for torch carrier

Runway / Y-Drive

- AC-drive via rack and pinion with high torque
- Motionless and with high angle accuracy by use of selected racks
- Hardened drive pinion

Drive Carriage / X-Drive

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

CNC Continuous Path Controller

- CNC 300 or CNC 2030

Options

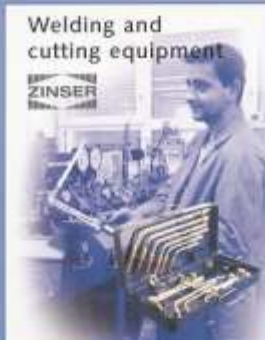
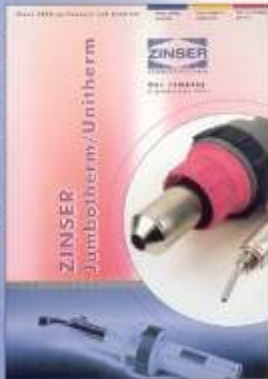
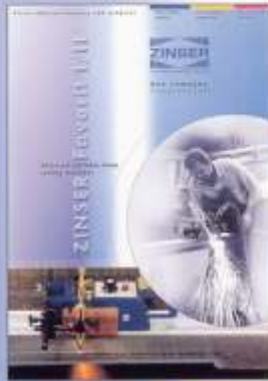
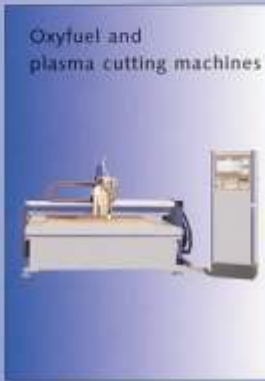
- PLC-controlled fume extraction tables, cartridge filter systems with pneumatic cleaning
- Nesting software as well as DNC- and Network-Link
- Adaptation on customer's requirement

Track width (C)	2.100/2.600/3.100/3.600 mm
Machine width (D)	C + 715 mm
Working width with 1-3 torches	C - 600 mm
Working width with 4 torches	C - 700 mm
Machine length (E)	Working length (B) + 2.000 mm
Max. number of torch carriers	4
Cutting thickness (standard)	up to 200 mm
Drives	via AC servo motors
Voltage	400 VAC/50 Hz



Option
Additional drilling unit on the torch carrier (ZINSER 2315-N and ZINSER 2325-N)

Our product range



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