

# ZINSER 2426

The perfect combination for cutting plates and pipes



The gantry machine ZINSER 2426 is in its basic body equivalent to the ZINSER 2425 but is featured with an extended gantry and a rotation drive DT-500 for pipe cutting.

## Rotation drive DT-500

for pipe cutting with combined machines

For the following applications:

- apertures
- notches
- end machining



Further information can be obtained from your ZINSER dealer.

Appointed dealer:

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One company  
3 production lines

Gantry Machine for  
Plasma and Oxy-Fuel Cutting

# ZINSER 2425



N10 F1000 V10.0 T1 G90 N20 G92 X0 Y  
 N30 G0 X230 Y150 T2 F800 N40 G4 M8 M21 M15 N50

# A flexible machine for high standards



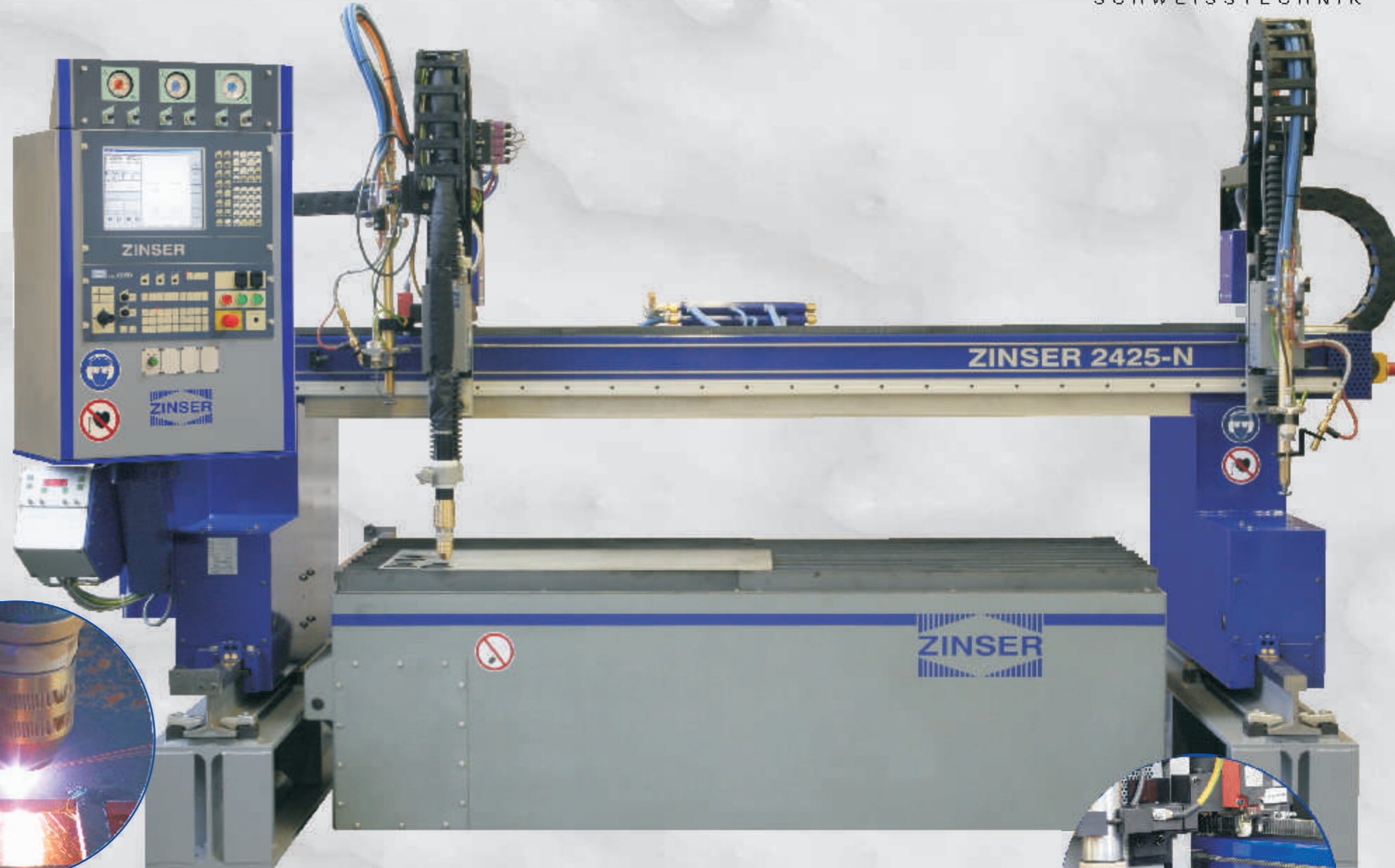
## ZINSER 2425 for Plasma and Oxy-Fuel Cutting

With the development of this new generation of cutting machines the already high standard of the forerunners could be increased further. The use of an extended cross drive increases significantly the rigidity of the ZINSER 2425. The overall extraordinary robust construction, precise linear guides of the gantry bridge and a heavy duty runway based on milled railway profiles S 49 guarantee very best quality and a long duration of life.

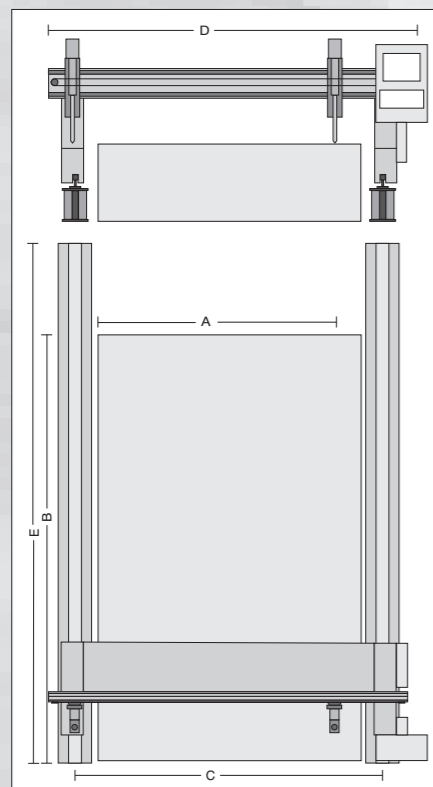
Excellent and powerful digitally controlled AC-drive systems with high precision planetary gears as well as selected racks give the ZINSER 2425 excellent motion characteristics, even at higher speeds and shift in direction. The result of all these features is an outstanding quality of cut.



The controller CNC 2050 and the machine ZINSER 2425 are perfectly matched. As the user interface is very easy to handle the features of the machine will be optimally used. External programming systems and the integration of the CNC control into your network (intranet) minimize the time between the CAD and the processed workpiece.



ZINSER 2425



### Basic scope of delivery

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

Track width (C)	2.100 / 2.600 / 3.100 / 3.600 / 4.100 mm
Machine width (D)	C + 640 mm
Working width with 3 torches	C - 600 mm
Machine length (E)	Working length B+ 2.000 mm
Max. number of torch carriers	4
Cutting thickness	up to 300 mm
Drives	AC servo motors
Input voltage	400 VAC / 50 Hz

### Gantry bridge

- High precision bridge, produced according to most modern standards
- Linear guidance for torch carriers

### Track / Y-Drive

- Double-sided AC servo drives via rack and pinion
- Perfect running smoothness and high angle accuracy by use of selected racks and precise planetary gears
- Hardened drive pinions

### Drive carriage / X-Drive

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

### Option

- Double linear guidance ZINSER 2425-N

### CNC controllers

- CNC 300 or CNC 2050

### Options

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

