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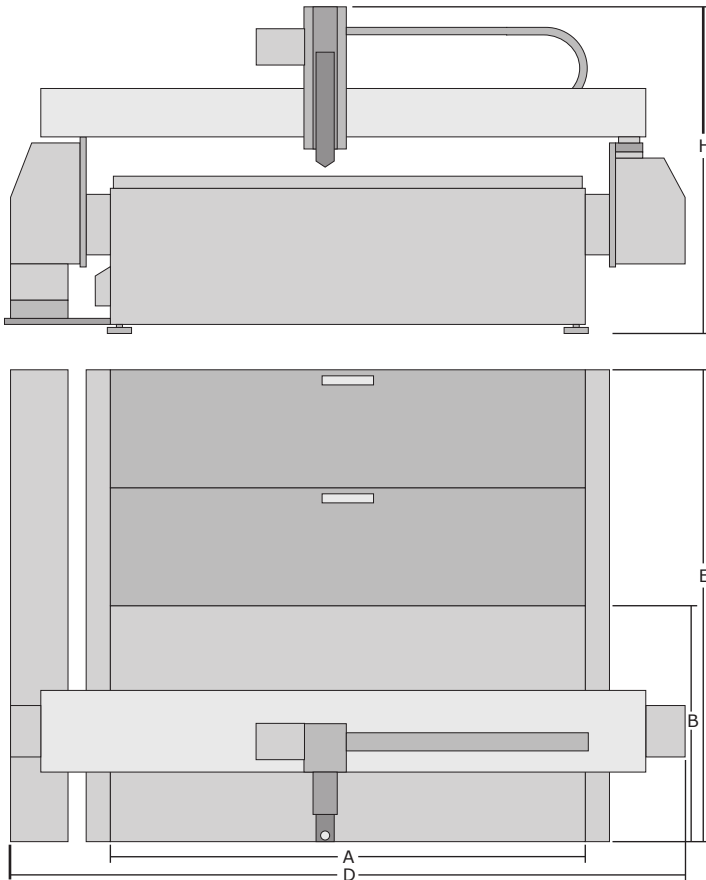
**ZINSER 1425**

Precision plasma cutting system



**The plasma cutting system for professionals**

The machine ZINSER 1425 has been developed specially for precision plasma cutting. In association with high-performance plasma units, the machine obtains an optimal cutting quality. The consistent lightweight construction on the gantry as well as a low center of gravity enable to cut parts with extreme high contour fidelity at maximum speed. The integrated cutting table with high efficient surface exhaustion (filter / fan in option) ensures that all requirements concerning air-pollution and protection of environment are fulfilled.



Working width (A)	1.500 / 2.000 mm
Working length (B)	3.000 / 4.000 mm
Machine width (D)	2.600 / 3.100 mm
Machine length (E)	4.250 / 5.300 mm
Height of the cutting table	700 mm
Total height	~ 1.900 mm
Cutting thickness	up to 30 mm
Speed	max. 25 m/min
Input Voltage	400 VAC / 50 Hz

#### Gantry bridge

- Consistent lightweight construction
- Very low center of gravity
- Linear guidance in X and Y

#### Track / Y-Drive

- Precision aluminium profiles
- AC-drives via rack and pinion
- Motionless and with high angle accuracy by use of selected racks and precise planetary gears
- Hardened drive pinion

#### Drive Carriage / X-Drive

- AC-drive via rack and pinion
- Motorized torch riser via arc-voltage control

#### CNC Continuous Path Controller

- CNC 2030

#### Options

- Nesting software as well as DNC- and Network-Link
- Adaptation on customer's requirement

#### Basic Hardware

- Gantry machine with integrated cutting table
- CNC-controller (floor mounted type)

#### Additional Components

- Plasma power sources
- Plasma interlock and dialogue system
- ...



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