

MACHINE-DATA

Machinetype	: Center Grinding Machine
Make	: TECHNICA
Type	: ZSM 1000
Year	: 1975
Control type	:
Control	:
Storage location	: Metzingen
Origin	: Switzerland
Delivery time	: immediately
Quotation	: ex Warehouse
Price	: on request



TECHNICAL DATA

workpiece diameter	8-125 mm
grinding depth	130 mm
clamping length	50-1100 mm
max. workpiece diameter	0 mm
min. workpiece diameter	0 mm
total power requirement	1 kW
weight of the machine ca.	500 kg

TECHNICAL DESCRIPTION

TECHNICA (Switzerland)

Centre Hole Grinding Machine Model ZSM 1000

Year approx. 1975 Serial No. J 1400

Distance between centres	50 ? 1,100 mm
Height of centres	145 mm
Workpiece Ø	8 ? 125 mm
Max. centre hole taper Ø	2 ? 50 mm
Max. centre hole taper angle	60 °
Clamping range of vice	4 ? 150 mm
Stroke of grinding head	130 mm
Stroke of grinding tool on workpiece	0.75 ? 5 mm
Grinding tool Ø	15 ? 60 mm



Grinding spindle speeds 13,000 ? 45,000 rpm
Workpiece drive 0 rpm

Total electrical load, approx. 0.5 kW - 380 V - 50 Hz
Weight, approx. 500 kg

Accessories / Special Features:

- * *A cone shaped grinding wheel is employed, but it is only in line contact with the centrehole surface, in addition it is reciprocating simultaneously along this line.*
- * *The workpiece remains stationary, enabling the production of perfect centre holes.*
- * *To clamp cylindrical Workpieces one uses a height adjustable 2 jaw chuck which gives three point contact and always coincides with the center of the grinding spindle.*
- * *Height-adjustable workpiece centering tool with carbide inserts. Manual adjustment of appropriate workpiece diameter with a ratchet coupling.*
- * *Manual dressing device, mounted on the side of the grinding spindle, stroke approx. 40 mm, for producing a geometrically exact conical form.*
- * *Pre-centering device for Workpiece only partially available.*
- * *Height-adjustable tailstock and bore in machine base allow longer workpieces.*

Condition : average to good/should be reconditioned.

Machine can be inspected under power.

Delivery : Ex stock, as inspected

Payment : Net, after conclusion of contract

VIDEO-LINKS

WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Center_Grinding_Machine/TECHNICA/ZSM_1000/1049-433419

MACHINE PICTURES

