



Special offer

Inventory number: 19863

Cylindrical grinder

STUDER S 20-2



Technical data

Centre height	100 mm
Distance between centres	400 mm
Grinding wheel:	
Diameter	300 mm
Width	30 mm
Bore	127 mm
Workpiece weight on centres max.	20 kg
Grinding wheel speeds:	
number (steps)	3
up to	2450 rpm
Hydraulic cross travel	170 mm
Angular displacement	30 °
Work piece spindle head:	
speeds:	
stepless	
from	60 rpm
up to	1200 rpm
Spindle hole	20 mm
Spindle taper:	4 MT
Taper in tailstock:	2 MT
Spindle stroke	20 mm
Spindle diameter	32 mm
Table angular displacement	30 °
Feeds:	
Z axis (longitudinal travel)	100 - 3500 mm/min
X axis (transversal)	0.03 - 1.5 mm/min

External Grinding wheel motor	4.5 HP
External Grinding wheel motor	3 kW
Internal Grinding wheel motor	1.1 kW
Machine's weight about	1600 kg
Overall dimensions machine:	
Length	1500 mm
Width	1400 mm
Height	1400 mm

Various accessories:

Touch screen

Electronic handwheels

Tailstock with fine adjustment

Internal grinding attachment

Spindle speeds 35000 rpm

Coolant system

Paper filter facility

Safety device

Sliding door

Advantages of the NC machine compared to a standard machine:

- Longitudinal: soft left/right stops, teach-in adjustment, simple and precise corrections.

- Dressing: for external grinding, automatic dressing with compensation.

Dressing during the cycle or according to the number of parts.

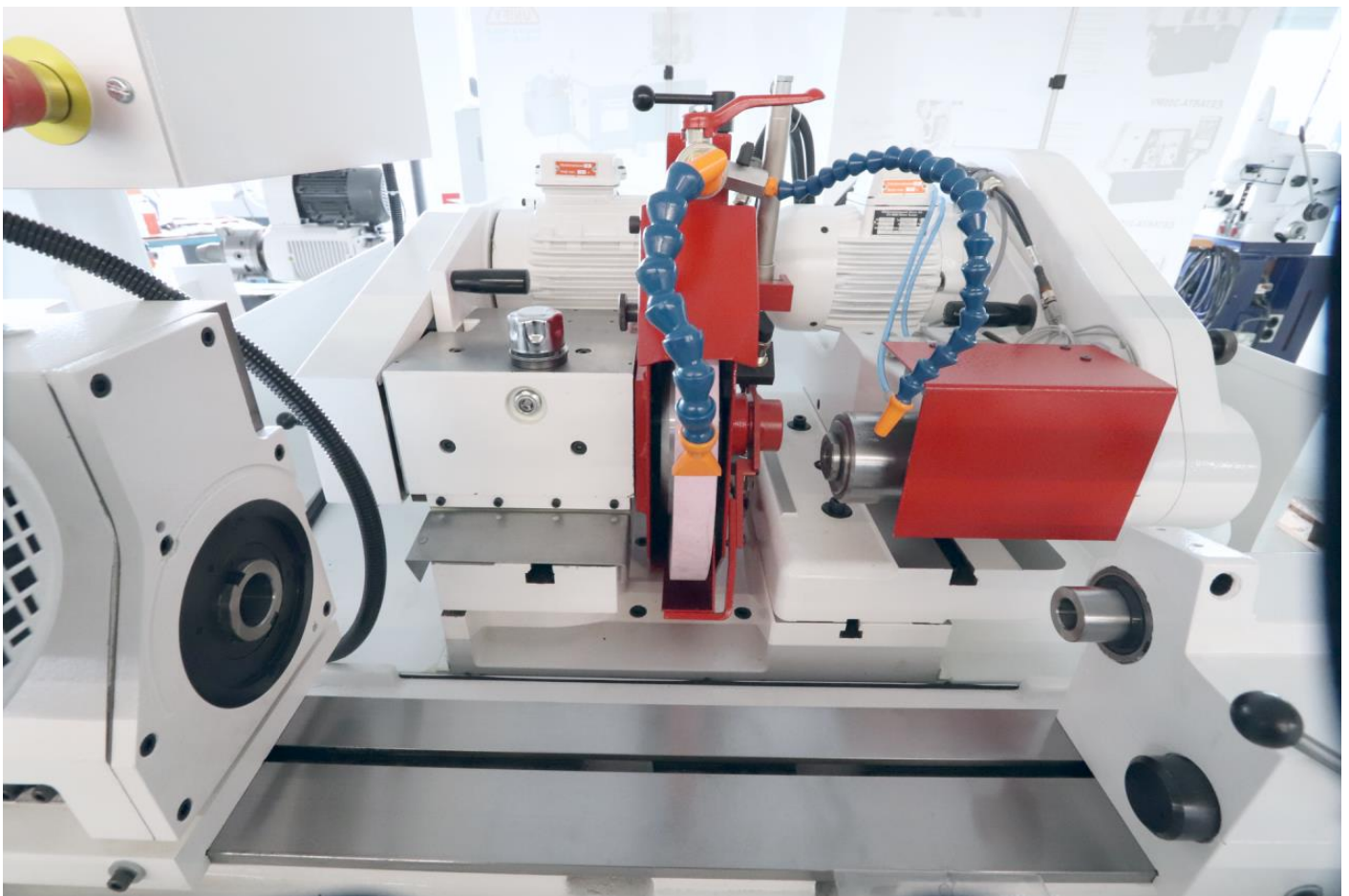
- Transversal: diameter, teach-in adjustment, simple and precise corrections.

- Drilling : possibility to remove more than 30mm in diameter (Standard limited to 1,7mm).

- Screen: Display of the current positions of the X and Z axes

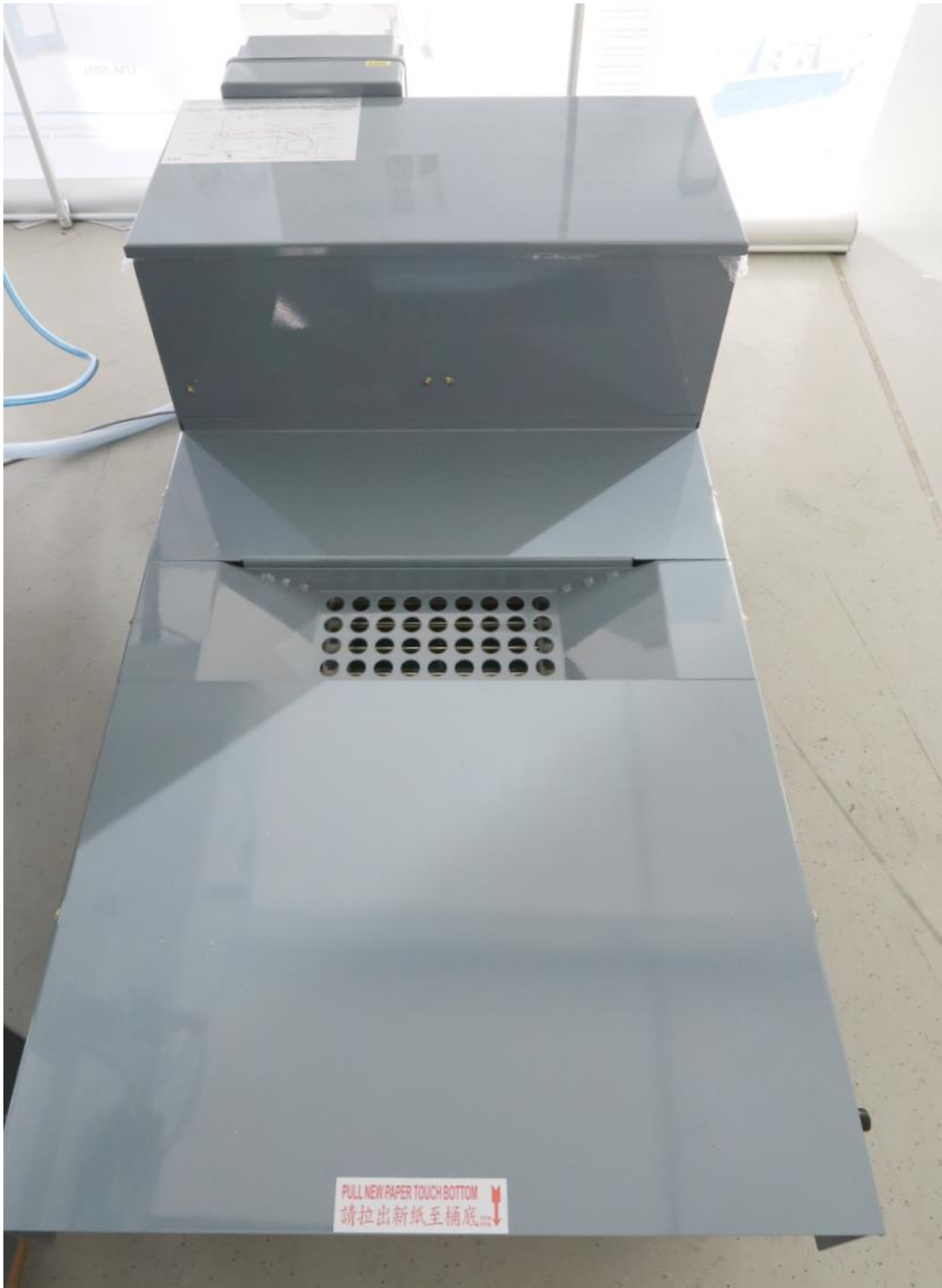
- Malfunctions: Display of malfunctions in clear text on the screen.

- Troubleshooting: secure remote troubleshooting.











Typ:

S20-2

Nr.:

1030-54



- **Total Revidiert mit Garantie**
 - **Elektronische Handräder**
 - **Touch screen**
 - **Sofort verfügbar**
-

- **entierment révisé avec garantie**
 - **manivelles électroniques**
 - **écran tactile**
 - **disponible de suite**
-

- **totally rebuilt with warranty**
 - **electronic handwheels**
 - **touch screen**
 - **immediately available**
-

- **completamente ricostruito con garanzia**
 - **volantini elettronici**
 - **schermo tattile**
 - **immediatamente disponibile**
-

- **totalmente reconstruido con garantía**
 - **volantes electrónicos**
 - **pantalla táctil**
 - **inmediatamente disponible**
-

