

# The new favorite CNC

## A Studer for less than \$3,400 per month.

That's right - A new Studer cylindrical grinder on a 60 month lease with a \$1 buy-out option. Ready to grind. Nothing hidden. Nothing funny. (Payment amount based on standard equipment and financing approval.) Look at what you get:

- Unique Granitan® base absorbs vibrations and maintains stable temperature to improve part quality
- Studer's proven knobbed ways ensure outstanding positioning accuracy and reduced slip-stick, plus they're virtually wear proof
- Wheelhead indexes from -15° to +195° in 2.5° precision increments for versatility
- Reliable Fanuc 0 Series CNC
- Pictogramming makes setup easy

*The Art of Grinding.*

**STUDER**  
KÖRBER  
SCHLEIFRING

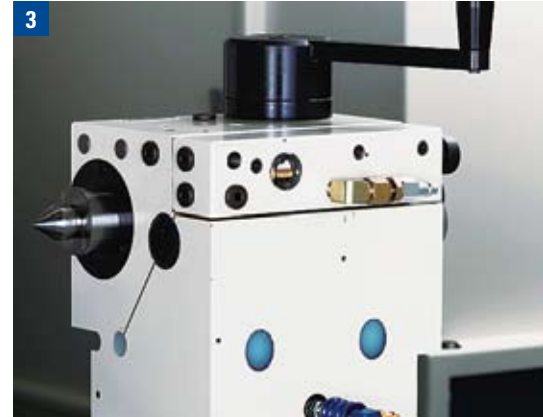




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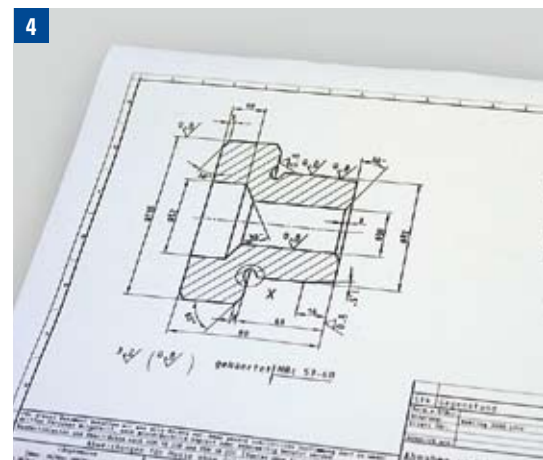
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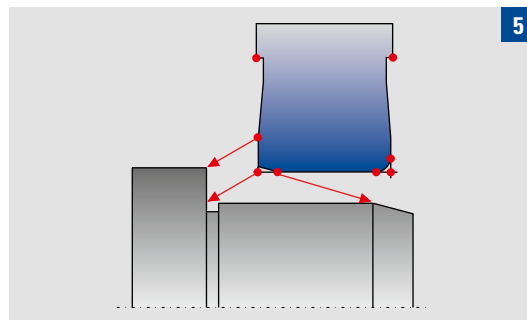
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## MORE standard features:

- 20" OD wheel gives you more abrasive with easy change-over
- Powerful 12 HP OD spindle
- Robust MT4 tailstock and MT5 workhead with 16 millionths runout for extreme accuracy, chucked or between centers
- 1-1,500 RPM workhead provides the right speed for the specific application
- Taper correction of the tailstock eliminates the need to adjust
- Interference free machine guards protects the operator and allows quick set-up
- Full enclosure for safety and thermal stability
- Best grinding applications and Service Team in North America



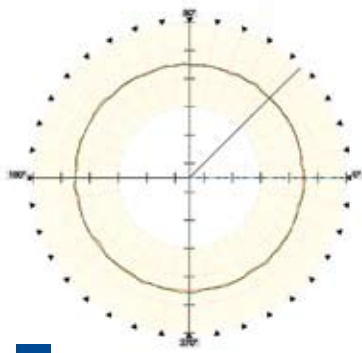
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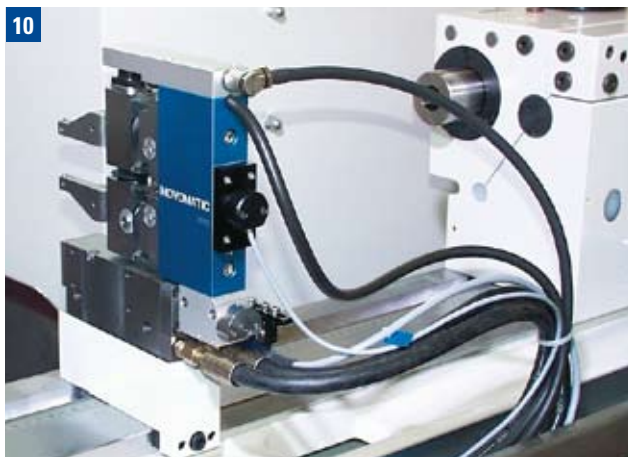


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## Optional solutions for tough challenges:



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11



12

1 | The favoritCNC's versatility, quality, productivity, and affordability make it ideal for tooling manufacturers, job shops, and sub-contractors.

2-3 | Rigid tailstock with fine adjustment.

4-6 | Studer pictogramming makes it easy to select & calibrate the grinding wheel, setup the workpiece, & program the grind.

7 | Roundness accuracy 16 mill" for live spindle grinding.

8 | Wheelhead indexes in 2,5° precision increments from -15 to +195° for versatility.

9 | Get the favoritCNC with a 4.2 HP ID grinding spindle on a heavy-duty turret. Or add this option later in the field.

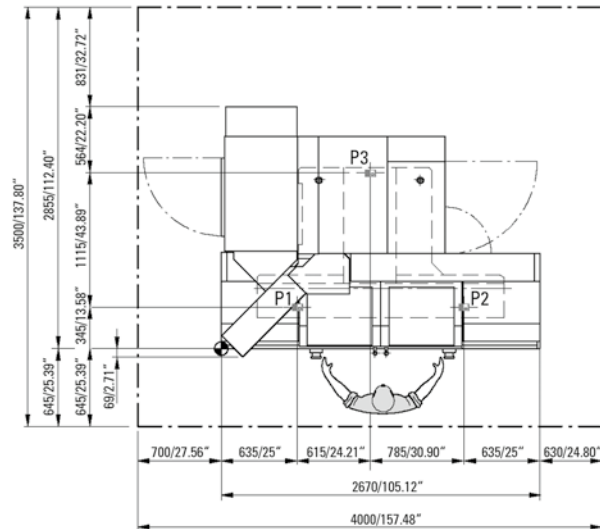
10 | In-process gauging improves part quality in production.

11 | Wheel balancing improves surface finish.

12 | Contact detection cuts non-grinding time.

Main Dimensions	SAE	Metric
Center distance	25.6 in.	650mm
Center height	6.9 in.	175 mm
Maximum workpiece weight	176 /bs.	80 kg
Wheelheads		
External grinding wheelhead (OD)	Yes	
Universal wheelhead (OD/ID)	Yes	
External grinding wheel Ø	20x2.5(3 with F5)x8 in.	500x63(80 with F5)x203.5 mm
Fitting taper Ø	2.5 in.	63 mm
Driving power	12 HP	9 kW
Internal grinding (optional)		
Driving power	4.2 HP	3 kW
RPM range	20,000/40,000/60,000	

Workhead	
RPM range	1 to 1500 (live grinding)
RPM range	1 to 1000 (dead centre grinding)
Fitting taper	MT5
Tailstock	
Fitting taper	MT4



# favoritCNC

## Technical Data



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