



**Inventory number: 20414**

### CNC cylindrical grinder STUDER S 31 CNC



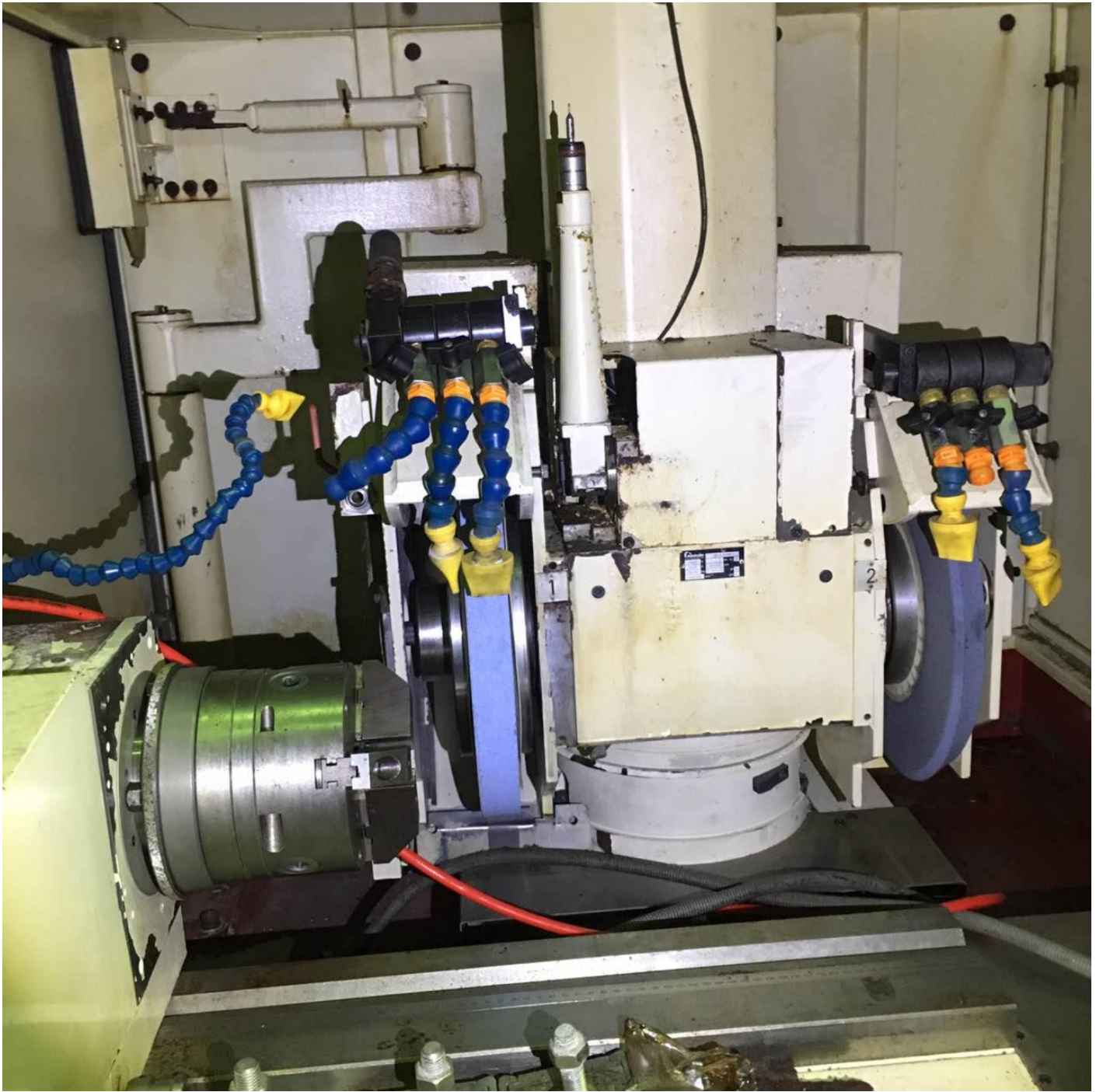
### Technical data

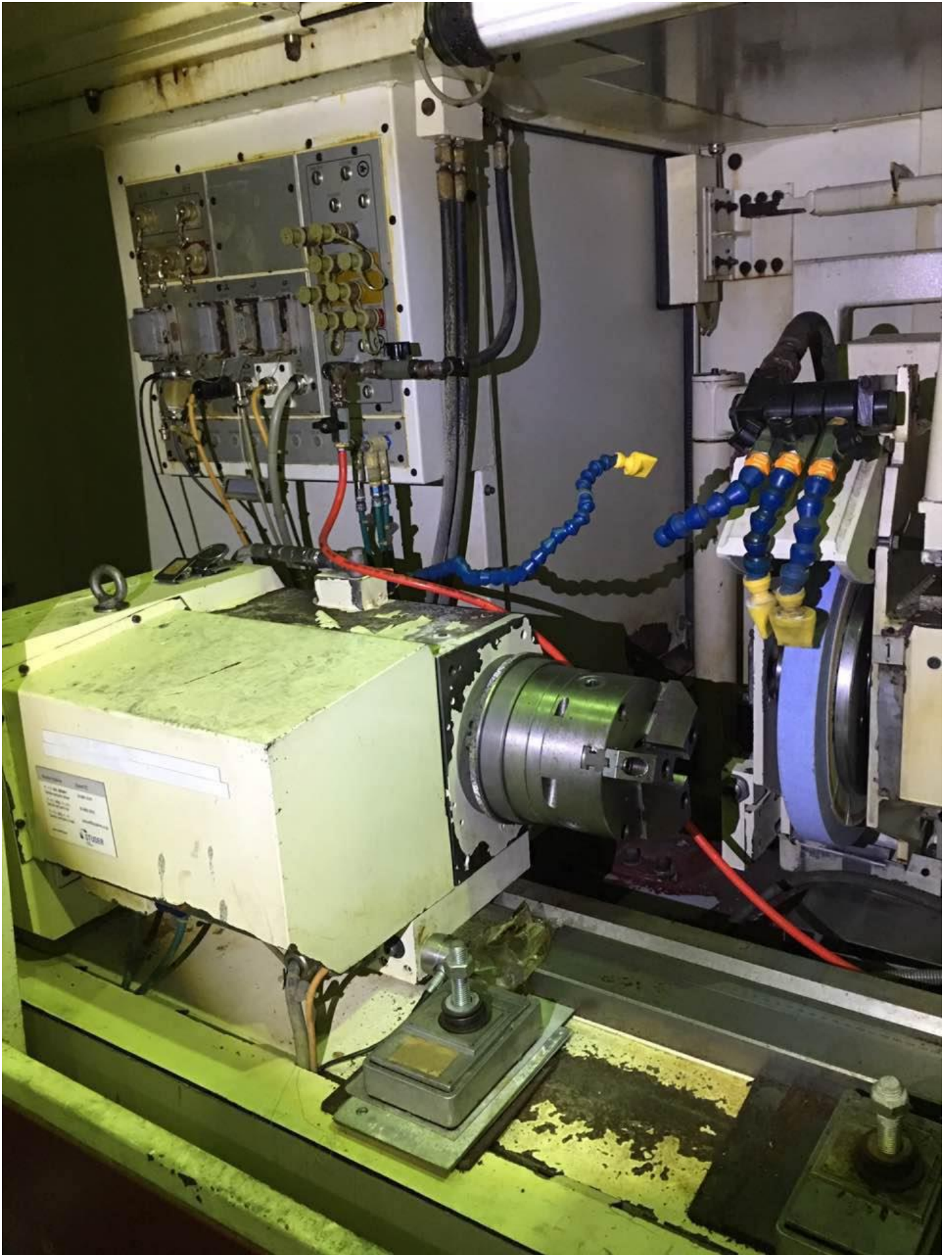
Centre height	175 mm
Distance between centres	650 mm
Grinding wheel right and left hand	
Grinding wheel:	
Diameter	500 mm
Width	63 mm
Bore	203 mm
Turret grinding tool holder for ext. and int.	2+1
Grinding wheel speeds:	
from	1400 rpm
up to	3200 rpm
Peripheral speed	m/s
Rotatable grinding spindle head	°
Indexing automatic	0.001 °
Work piece spindle head (B-axis)	
Longitudinal slide:	
Max. travel	254 mm
Transversal slide:	
Max. travel	800 mm

Work piece spindle head:	ISO 50
stepless	
rotatable	-15 / + 195 °
C axis	0.001
taper in spindle: MT	5
Taper in tailstock:	4 MT
Voltage 50 Hz 3x	400 Volt
Grinding spindle motor	7.5 kW
Total power required	32 kVA
Machine's weight about	5200 kg
Various accessories:	
Coolant system	
B axis	0.0001
Measuring head MARPOSS	
Length positioning automatic	
Contacting control instrument	
Internal grinding attachment:	
Sparking-out attachment	
3-jaw chuck	
Lamp	
Full splash cabin	
Door security attachment	
Electronic hand held remote control	















Type **S31 CNC**

Studer AG  
CH-3602 Thun

**2001**

No.

**030.0115**

made of  
**granitem**<sup>®</sup>

U. S. Patent 4.696.839

