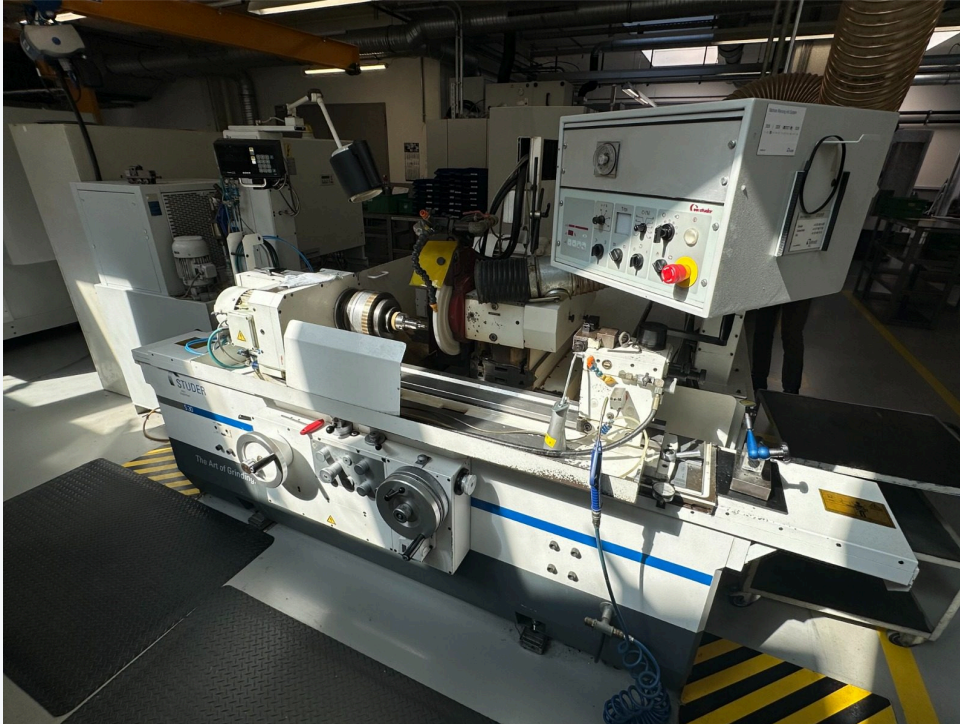


MACHINE DATASHEET

STUDER S30-1 (2005)

Universal cylindrical grinding machine

[SEND ENQUIRY](#)
● IN STOCK


YEAR	CONDITION	AVAILABILITY	DELIVERY
2005	Gebraucht	In stock	EXW Velten

SHORT DESCRIPTION

Universal cylindrical grinding machine by Fritz Studer (Switzerland) for external and internal grinding of medium-sized parts. Granitan® machine base for high vibration damping and thermal stability, swivelling turret wheelhead, operation between centres and in the chuck. With installed in-process gauging (active size control) — ideal for one-off and small-batch production, toolmaking and regrinding.

TECHNICAL DATA

Distance between centres	650 / 1000 mm	Centre height	125 / 175 / 225 mm
Max. external grinding dia.	bis 449 mm	Max. workpiece length	650 / 1000 mm
Max. workpiece weight	130 kg	Grinding wheel max.	Ø 500 × 80 mm
Wheel spindle power	6 kW	Wheel spindle speed max.	2 110 min ⁻¹
X travel (infeed)	260 mm	Z travel (longitudinal)	700 / 1050 mm

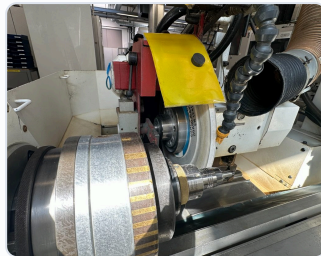
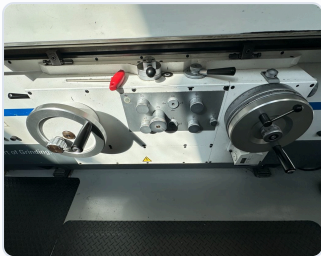
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AWM-Precision GmbH
 Parkallee 5 · 16727 Velten · Deutschland
 Amtsgericht Potsdam · HRB 30034 P · USt-IdNr.: DE312793309

Wheelhead swivel (B)	180°	Workhead swivel (C)	stufenlos
Table swivel	10 / 8,5°	Control	Konventionell, hydraulische Zyklen (keine CNC)
Base material	Granitan® S103	Series / Serial no.	090 / 019.3784

GALLERY



Included in delivery

- ✓ Wheelhead with grinding wheel approx. Ø 500 mm
- ✓ Workhead with drive (between-centres and chuck operation)
- ✓ Tailstock with carbide centre, adjustable pressure
- ✓ In-process gauging (active size control) — installed
- ✓ Coolant supply with filtration, mist extraction
- ✓ Original STUDER control panel
- ✓ Granitan® machine base

Optional on request

- + Internal grinding attachment (on request)
- + Geometric inspection & test grinding before delivery (on request)
- + Transport to your facility (on request)

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