

Internal Grinding Machine

TOS BDU 250A



Sorry the machine has been sold already!

stock-no.:	0800737
type of machine:	Internal Grinding Machine
make:	TOS
type:	BDU 250A
year of manufacture:	GÜ 2005
type of control:	conventional
country of origin:	Czech Republic
storage location:	Leipzig 4
delivery time:	immediately
freight basis:	EXW, free on truck
price:	on request



technical details

grinding diameter:	250 mm
grinding length:	250 mm
centre height:	mm
internal dia. - max.:	250 mm
min. dia.:	innen: 10 mm
grinding depth:	250 mm
swing diameter:	max. 400 mm
revolution per minute of spindle head:	4600 - 31000 (Schleifspindel) U/min
spindle headstock:	MK 2
grinding wheel diameter:	Ø 330 mm
table feeds longitudinal:	0,2 ... 6 (m/min.) m/min
stroke of the table:	max. 600 mm
total power requirement:	9,0 kVA kVA
weight of the machine ca.:	3,6 t
dimension machine approx.LxWxH:	1,3 x 2,3 x 1,9 mm
dimensions of hydraulic:	890 x 360 x 640 mm

additional information

Application: Precision grinding of cylindrical and tapered bores

- with dressing device
- with coolant tank
- hydraulic system
- machine light

- grinding headstock adjustable 15° and 90°, bedded on oscillating longitudinal table
- workpiece spindle speed: 25; 45; 80; 140; 250; 450 rpm
- revolutions of the internal grinding spindle 4600 - 31000 rpm
- mounting sleeve of the internal grinding spindle Ø 100mm, current grinding wheel mounted: Ø 24mm x W: 23mm
- largest stroke of the longitudinal table 600mm
- table feed grinding: 0.2 - 6 m/min. and dressing: 0.2 - 5 m/min.

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- largest \varnothing without chuck protection: 470mm
- smallest coarse infeed by hand: 0,01mm
- grinding wheel feed via control 0,001 - 0,01mm
- grinding wheel feed for plunge grinding: 0,001 - 0,005mm