

ED1000KDIG_400V

metal lathe 3-axis DRO



- schools
- exceptionally wide spindle bore (\varnothing 56 mm) for processing large shaft diameters
- electromagnetic foot brake ensures maximal working safety and cuts down nonproductive time dramatically
- induction-hardened and precision ground prismatic bed way guides made of stabilized cast iron, assuring max. accuracy for a lifetime
- removable bridge enables the machining of workpieces with diameters up to 550 mm
- Precision cut gears and vibration inhibiting cast iron machine bed ensure high turning accuracy
- Gears and spindles are hardened, ground and running in an oil bath
- Dynamically balanced main spindle mounted in precision bearings, high spindle centricity ($< 0,009\text{mm}$)
- Camlock D5 spindle nose mount
- adjustable ($\pm 5\text{mm}$) tailstock for taper turning
- All guides conveniently adjustable via V-ledges
- 2-step motor as standard
- digital read out unit (3-axis) for easy operation

included in delivery: 3-jaw chuck \varnothing 200mm with exchange jaws, 4-side tool holder, 4-jaw chuck \varnothing 200mm, face plate \varnothing 320mm, 2x dead centers, morse taper sleeve MT 6/4, steady rest, follow rest, halogen work lamp, splash guard, coolant device, grey cast stand, threading, change gears, tools



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technical details

motor power s1 in W	2000	voltage	400V / 50Hz
total dimensions in mm	2070 x 780 x 1800	bed width in mm	210
bed height in mm	270	longitudinal feed	0,02-0,85 mm/U (64)
cross feed	0,005-0,22 mm/U (64)	spindle bore in mm	56
spindle taper	MK6/MT6	tailstock taper	MK4/MT4
max. swing over cross slide in mm	264	max. swing in gap in mm	550
lathe spindle speed in min-1	45-2000 (12)	max. tool holder cross-section	30 x 20mm
range of metric threads in mm/r	0,8-14 (36)	range of inch threads	2-28 TPI (36)
tailstock sleeve travel	110	distance between centers in mm	1000
max. swing over bed in mm	400	center height in mm	200
carriage travel in mm	730	cross slide travel in mm	180
compound slide travel in mm	115	sound pressure level in dB(A)	78
net weight in kg	800	gross weight in kg	900
packaging height in mm	1.600	packaging width in mm	750
packaging length in mm	1.950	EAN code	9120039902548

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