

STANDARD SPECIFICATIONS:

MACHINING CAPACITY

Between centres	350 mm
Swing over table	Ø 330 mm
Max grinding dia	Ø 200 mm
Max workpiece weight:	
Center supported	50 kg
Chuck supported	40 kg x 200mm

WHEEL

Wheel size	610mm x 254mm
Width	75 (GA:125)mm
Wheel Speed	Infinite
Max peripheral speed	2,700 m/min

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#### WHEELHEAD A-AXIS

Travel	415 mm
Rapid Traverse	Ø20m/min
Minimum command increment	Ø0.0001mm

#### SADDLE Z AXIS

Total Travel	GP:515 mm GA:650 mm
Rapid traverse	20 m/min
Min command increment	0.0001 mm

#### WORKHEAD

Tapered bore	MT No. 4
Spindle speed	650 rpm
Speed range	Infinite

#### FOOTSTOCK

Taper bore	MT No. 4
Quill stroke	50 (option:80) mm
Auto taper adjustment	± Ø0.08mm

#### MOTORS

Wheel spindle	7.5 (option 11, 15) kw
Workhead C-axis	2.0 kw
Wheelhead X-axis	1.2 kw
Saddle	2.0 kw
Coolant pump	1.1 kw
Hydraulic oil-lube pump	0.4 kw
Wheel spindle lube pump	0.1 kw

#### TANK CAPACITY

Coolant tank	200 (option 300) ltr
Hydraulic oil-lube tank	20 ltr
Wheel spindle lube tank	20 ltr

#### WEIGHT

Weight	5,000 kg
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#### CNC

OSPU10G

#### STANDARD EQUIPMENT AND ACCESSORIES

Grinding System	Plunge, multiplunge, end plunge, parallel traverse, O/D end simultaneous plunge, taper traverse, profile grinding	1 set
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Sizing Method	Indirect sizing (from programmed data)	1 set
Bed	With machine lifting hooks, jack screws foundation washers.	1 set
Wheelhead	Angle type, wheel right side mount. V-flat hydro-static guideways with pressure check, wheel spindle lube oil force-feed with flow check interlock	1 set
Wheel guard	Applicable for max. diam 510 x 75 wheel, 75mm width coolant nozzle, open/close and easy mount/dismount type with wheel lifting fixture	1 set
Wheel flange	Easy mount/dismount type, applicable for 25-75 mm width wheel	1 set
	Saddle V and flat guideways, forced-feed lube, with lube pressure/volume check	1 set
Table	Fixed Table	1 set
Footstock	Spring centre type, advance/retract hydraulic drive, 50 mm stroke, manual taper adjusting $\pm$ dia. 0.08mm proper support check, over-advance detect limit switch and check lamp. Control method: Push button cycle interlock, advance jog push-button	1 set
Coolant Tank	Separated 200 ltr capacity, with 1.1 kW pump motor	1 set
Coolant separator	Magnetic, 120 ltr/min (Otsuka Tech)	1 set
Hydraulic oil tank	Separated 20 ltr capacity	1 set
Fully-sealed shielding	Manual open/close, with mechanical lock switch	1 set
Work lamp	Waterproof	1 set
Wheel overload protector	Digital setting type overload meter	1 set