

Standard machine specifications for alloy wheel turning

ITEM / MODEL		Vturn-36W
Swing over bed	mm (inch)	Ø740/opt. Ø780 (Ø29/opt. Ø30.7)
Standard turning dia.	mm (inch)	Ø320 (Ø12.6)
Maximum turning dia.	mm (inch)	Ø580/opt. Ø620 (Ø22.83/opt. Ø24.41)
Swing over carriage	mm (inch)	Ø580/opt. Ø620 (Ø22.83/opt. Ø24.41)
Hydraulic 3 jaw finger chuck		OP1 or OP2 12"-18" or 15"-20" or 15"-22" wheels OP3 17"-24" or 15"-22" wheels
Center distance	mm (inch)	890 (35)
X axis travel - std turret	mm (inch)	320 (12.6)
Z axis travel	mm (inch)	815 (32)
Rapid feed - X/Z axis	m/min (ipm)	12/15 (47.2/4590.6)
Feed motor - X/Z axis	kW (HP)	3.0/4.0 (4/5.4)
Max. Spindle speed	rpm	2000
Spindle nose		A2-8
Spindle bearing dia.	mm (inch)	Ø160 (Ø6.3)
Spindle taper		1/20
AC Spindle motor (Cont. / 30 min.)	kW (HP)	30/37 (40/50)
Hole through spindle	mm (inch)	Ø105 (Ø4.13)
Hole through draw tube	mm (inch)	Ø 91 (Ø3.58)
Tool stations		10
I.D. tool size (max)	mm (inch)	Ø 50 (Ø2)
Standard O.D. tool size	mm (inch)	32 (1¼)
Tailstock		Not available
Coolant capacity	liter (gallon)	300 (79)
Approx. machine size	m (inch)	4.7x2x2.2 (185X78.7X86.6)
Net weight	kgs (lbs)	8700 (19279)
CNC Controller(optional)		FANUC Oi-T

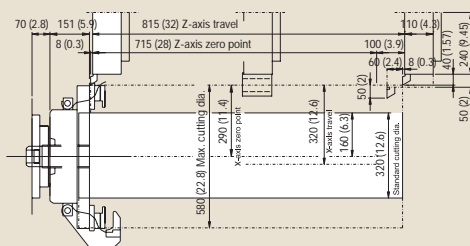
Standard accessories :

- Oil skimmer
- Stepper for operator
- 3 step warning light
- NSK ballscrews
- Water & air gun interface
- Fully enclosed guard
- Tool box & hand tools
- Leveling blocks
- Tooling accessories
- Auto door
- High pressure coolant - Grundfos SPK4-15
- Coolant nozzle
- Z-axis ballscrew cover
- Special chip conveyor
- Automatic lubrication
- No tailstock, no chuck
- Air conditioner for electrical cabinet.

Optional accessories :

- Homtech 3 jaw finger chuck (specify OP.1 or OP.2)
- Kitagawa 3 jaw finger chuck FG56L (13" -20") for OP.1 or OP.2
- 15" chuck with Pie jaws for OP.3
- Package option for OP.3 diamond turning
- VDI turret - no extra charge, but no tool holders provided
- Higher power spindle 37/45 kW(50/60 HP)
- Air blow system
- Oil mist remover

Moving range for Vturn-36W



Machine layout for Vturn-36W

