

OZ MEGATRON



Complete seal manufacturing system includes:

- Granulator
- Seal manufacturing software and hardware (over 250 profiles)
- Swarf extraction system with cyclon separator
- Complete set of Toolbox (includes holders, cutting tools and spares)
- Freight, training and installation on site

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Features

- Bed casted by high quality cast iron, high rigidity.
- Guideway hardened by ultrasonic, precisely ground, stick TSF.
- Gears in headstock was hardened and precisely ground.
- High class spindle bearings and chuck.
- Two options for machining diameter(1500mm & 2000mm)
- Eliminates swarf tangle with vertical spindle
- High class ball screw, high precision, accurate transmission
- Good aseismatic, X/Z axes adopt big power servo motor
- X/Z axes ball screw connect with motor directly
- Super wide slide board
- CAD/CAM software developed exclusively by Oz Seals
- Manual face plate clarip system



Computer/CAD CAM Software

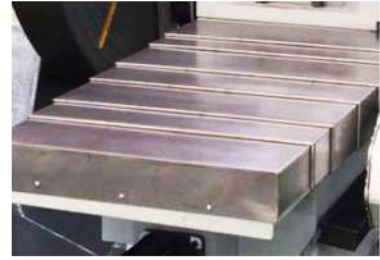


Industrial vacuum

Standard configuration

- 3 OPT controllers GSK 980TDC CNC controller
- FANUC series Oi-TF CNC controller
- SIEMENS 828D CNC Controller
- X/Z axes driver&motor: SIEMENS servo
- Spindle: ECO top brand Servo Motor&Driver
- Manual chuck with clamping face plate
- 4 station tool post
- Automatical lubrication, Tri-color indication lamp, coolant system, working lamp, heat exchanger, pedal switch
- Front door lock by sensor, side door lock by bolts (According to CE safety standard)

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Specification :

Item	Specification	Unit	
Capacity	Max cutting OD	mm	OPT : 1500 / 2000
	Max workpiece length	mm	700
	Bed width	mm	820
	Cross slide width	mm	450
	Spindle bore/nose	mm	155/ A2-11
Headstock & main spindle	Spindle taper		MT# 7
	Spindle speed	rpm	4-600
	Spindle speed steps	rpm	4
	Main motor	kw	30/*37
	Change speed motor	w	60x2
Cross slide (X-axes) & Carriage (Z-axes)	Cross slide travel (X-axes)	mm (inch)	800
	Longitudinal travel (Z-axes)	mm (inch)	700
	Controller		OPT: SIEMENS/FANUC/GSK
	AC servo motor (X-axes)	kw	3
	Ac servo motor (Z-axes)	kw	4
	Dia. of ball screw (X-axes)	mm	Φ40xP5xC3
	Dia. of ball screw (Z-axes)	mm	Φ50xP10xC5
	Rapid traverse speed (X-axes)	mm/min	6000
Rapid traverse speed (Z-axes)	mm/min	8000	
Turret/ Toolpost	Tool station	/	*Quick change toolspot (manual)/ *Electric horizontal type 4T
	Toolshank	mm	32
Weight	Net/gross	kgs(lb)	6000/6800
Dimensions	Floor size (LxWxH)	mm	3300x2600x2500

Main parts list :

Item	Brand
CNC controller	OPT: SIEMENS/FANUC/GSK
Feeding driver & motor	OPT: SIEMENS/FANUC/GSK
Spindle driver & motor	OPT: SIEMENS/FANUC/GSK
Spindle	JAPAN-NSK/NTN
X/Z axes bearing	JAPAN-NSK/NTN
Ball screw	TAIWAN-HIWIN C3 class
Linear guideway	TAIWAN-HIWIN P class
Spindle motor	ECO top-CTB
Chuck & cylinder	TAIWAN
Hydraulic parts	ECO top

Item	Brand
Coolant pump	ECO top high pressure
Working lamp	ECO top LED
Travel switch	ECO top
Door glass	ECO top armoured glass
Tool turret	TAIWAN
Lubrication oil pump	ECO
Electric parts	FRANCE-SCHNEIDER /JAPAN OMRON

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Seal manufacturing software & hardware

Item	
Vacuum/ Swarf collection system	Swarf granulator (SPAENE FRESSER) Adjustable suction line swarf collection chamber 44 gallon and coolant recycling system
Computer	Brand new computer with latest Windows operating system
Software	Latest Windows operating software Simploz turning software Oz Seals manufacturing software Post processor

Toolbox (Holders, cutting tools & spares) :

Item	Tools/ Holders
1 Toolholder & Tool (OZ 1 - 2)	
1 Toolholder & Tool (OZ 3 - 4)	
1 Toolholder & Tool (OZ 3 - 4 R)	
1 Toolholder & Tool (OZ 5 - 6)	
1 Toolholder & Tool (OZ 7 - 19)	
1 Toolholder & Tool (OZ 8)	
1 Toolholder & Tool (OZ 9)	
1 Toolholder & Tool (OZ 10)	
1 Toolholder & Tool (OZ 11 - 12)	
1 Toolholder & Tool (OZ 13 - 14)	
1 Toolholder & Tool (OZ 15 - 18)	
1 Toolholder & Tool (OZ 22)	
1 Toolholder & Tool (OZ 22 V)	
1 Toolholder & Tool (OZ 23 - 24)	
1 Toolholder & Tool (OZ 25)	

Item	Tools/ Holders
1 Toolholder & Tool (OZ 26 - 27)	
1 Toolholder & Tool (OZ 28)	
1 Toolholder & Tool (OZ 31)	
1 Toolholder & Tool (OZ 325)	
12 Holder Holders (to take holders) OZ UNI OPT TURRET: 8 or 12	
1 Spike holder (to make chevron seals)	
1 Right hand boring bar 20mm	
1 Left hand boring bar 16mm	