

OZ 3000X

Features

- Machining seals up to a diameter of 360mm
- Manufacture seals at high speeds of up to 3500rpm
- 45° integral slant bed
- Uses the Servo motor on its spindle
- Fully equipped with swarf extraction system and toolbox
- CAD/CAM software developed exclusively by Oz Seals.

Highlights

- Seal manufacturing software and hardware
- OZ Seal Turn CAD/CAM Software
- OZ Seals Fitting Manufacturing Software Computer
- Swarf Extraction System
- Toolbox (holders, cutting tools and spares)





Specification :

Item	Specification	Unit	
Capacity	Max. swing dia. over bed	mm	Φ360
	Max. swing dia. over slide	mm	Φ102
	Recommended turning dia.	mm	Φ100
	Max. turning dia	mm	Φ 250
	Standard turning length	mm	250
Spindle	Spindle bore	mm	Φ56
	Spindle type	/	A2-5
	Spindle speed	rpm	3500
	Collet size	/	Φ 100(CL-42)(OPT.:6"chuck)
	Max. bar through dia.	mm	Φ 44
	Spindle motor power	Kw	5.5
X/Y/Z axes	X/Z axes travel	mm	360/350
	X/Z axes rapid moving speed	m/min	20
Tool turret	Tool turret type	/	Gang tool
	Toolshank size	mm	20x20, Φ25
Tailstock	Tailstock	/	N/A
Others	Machining roughness	mm	Ra≤0.8
	Machining accuracy	/	IT6
	X/Z axes repeated positioning accuracy	mm	0.006/0.006
	Overall size	mm	2100x1750x1600
	N.W.	kg	1700

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 unit	TAIWAN-LOSEN/KENTURN
Spindle encoder	GERMANY-HEIDENHAIN
Servo powered tool turret	GERMANY-SAUTER
Ball screw	TAIWAN-PMI/HIWIN
Ball screw bearing	JAPAN-NSK/TAIWAN-TPI
Linear guideway	TAIWAN PMI/HIWIN
Lubrication system	TAIWAN-ISHAN
Rotary oil cylinder & chuck	TAIWAN-CH-H
Hydraulic parts	TAIWAN/JAPAN
Coolant pumps	Joint-venture
MPG	USA-HEDSS

Item	Brand
Tri-colour indication lamp	KOREA-QLIGHT
Isolation transformer	CHINA-top-CHINT/JIUKO
Breaker	FRANCE-SCHNEIDER
AC contactor	FRANCE-SCHNEIDER
Relay	JAPAN-OMRON
Dc switching mode power supply	TAIWAN-MEANWELL
Terminal block	GERMANY-WEIDMULLER
Synchronous belt	USA-GATES
Synchronous belt wheel	TAIWAN – PTP
Nuts	TAIWAN-YINSH
Shaft coupling	GERMANY-KTR/R+W
Extensible cover	TAIWAN-WANHE
Chip conveyor & chip bucket	TAIWAN-WANHE
Coolant pipe	TAIWAN-WEIDING