

OZ 4000X

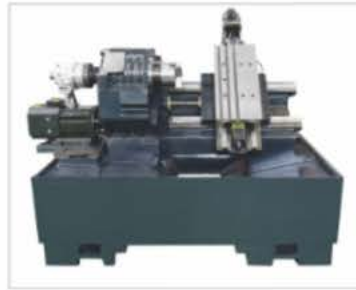
Features

- Machining seals up to a diameter of 420mm
- 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
- Hydraulic chuck and hydraulic tailstock
- Option to utilise VDI Power tool turret
- 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	Tool post type	/	Tool turret
	Max. swing dia. over bed	mm	Φ420
	Max. swing dia. over slide	mm	Φ220
	Recommended turning dia.	mm	Φ210
	Max. turning dia	mm	Φ320
	Max. turning length	mm	350
Spindle	Spindle bore	mm	Φ65
	Spindle type	/	A2-6
	Spindle speed	rpm	3500
	Chuck size	/	8"
	Max. bar through dia.	mm	Φ 44
	Spindle motor power	Kw	7.5
X/Z axes	X axes travel	mm	210
	Z axes rapid moving speed	mm	450
	X/Z axes rapid moving speed	m/min	20/20 (linear guideway) 12/12 (hard box guideway)
Tool turret	Tool turret type	/	Hydraulic 8 station
	Toolshank size	mm	25x25, Φ32
Tailstock	Tailstock quill taper	/	MT4#
	Tailstock quill dia./travel	mm	Φ52/60
	Tailstock guideway	/	Hard rectangle
Others	Machining roughness	mm	Ra≤0.8
	Machining accuracy	/	IT6
	X/Z axes repeated positioning accuracy	mm	0.006/0.006
	Overall size	mm	2380x1750x1710
	N.W.	kg	2700

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