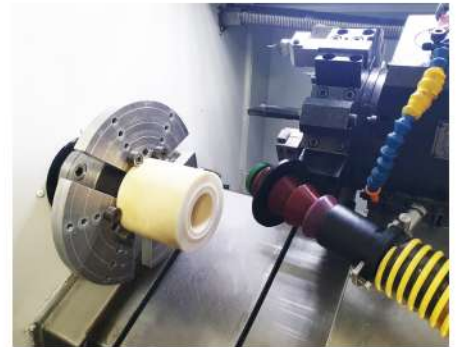# OZ 2000S

Features

- Machining seals up to a diameter of 250mm
- Manufacture seals at high speeds of up to 3000rpm
- 30° 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	Φ300
	Max. effective turning dia	mm	Φ260
Spindle	Spindle bore	mm	Φ30
	Spindle type	/	A2-5
	Spindle speed	rpm	3000
	Chuck size	/	5"
	Max. bar through dia.	mm	30
	Spindle motor power	Kw	5.5
X/Z axis	X axis travel	mm	300
	Z axis travel	mm	150
	X/Z axis rapid moving speed	m/min	20/20
	X/Z axis motor power	N.m	6/6
Tool turret	Tool turret type	/	Electric 8 Station
	Toolshank size	mm	20x20, Φ32
Others	Overall size	mm	1700x1360x1600
	Machining Roughness	/	Ra < 0.8
	N.W.	kg	1500
	Machining Accuracy	/	IT6

Main parts list :

Item	Brand	Item	Brand
CNC controller	GSK	Tri-colour indication lamp	KOREA-QLIGHT
Feeding driver & motor	GSK	Isolation transformer	CHINA-top-CHINT/JIUKO
Spindle driver & motor	GSK	Breaker	FRANCE-SCHNEIDER
Spindle unit	TAIWAN-LOSEN/KENTURN	AC contactor	FRANCE-SCHNEIDER
Spindle encoder	GERMANY-HEIDENHAIN	Relay	JAPAN-OMRON
Servo powered tool turret	GERMANY-SAUTER	Dc switching mode power supply	TAIWAN-MEANWELL
Ball screw	TAIWAN-PMI/HIWIN	Terminal block	GERMANY-WEIDMULLER
Ball screw bearing	JAPAN-NSK/TAIWAN-TPI	Synchronous belt	USA-GATES
Linear guideway	TAIWAN PMI/HIWIN	Synchronous belt wheel	TAIWAN – PTP
Lubrication system	TAIWAN-ISHAN	Nuts	TAIWAN-YINSH
Rotary oil cylinder & chuck	TAIWAN-CH-H	Shaft coupling	GERMANY-KTR/R+W
Hydraulic parts	TAIWAN/JAPAN	Extensible cover	TAIWAN-WANHE
Coolant pumps	Joint-venture	Chip conveyor & chip bucket	TAIWAN-WANHE
MPG	USA-HEDSS	Coolant pipe	TAIWAN-WEIDING