

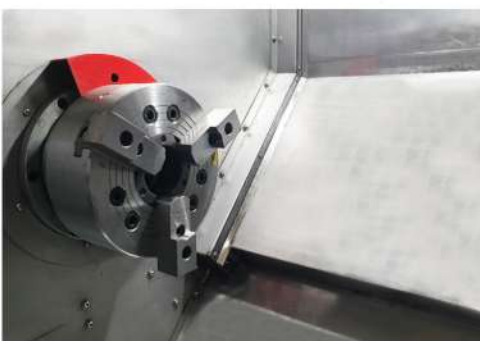
OZ 6000L

Features

- Machining seals up to a diameter of 650mm
- Manufacture seals at high speeds of up to 1500rpm
- Uses the Servo motor on its spindle
- Fully equipped with swarf extraction system and toolbox
- CAD/CAM software developed exclusively by Oz Seals
- Oz Seals aluminium adjustable clamping system

Standard configuration

- X/Z axis linear guideway, tailstock hard rectangle guideway
- SIEMENS 828d CNC controller
- X/Z axis driver&motor: SIEMENS brand AC servo
- Spindle: ECO top brand Servo Motor&Driver
- Manual chuck (TAIWAN brand chuck 10")
- TAIWAN brand 8 station Hydraulic tool turret
- 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)





Specification :

Item	Specification	Unit	
Capacity	Max. swing dia. over bed	mm	Φ680
	Max. turning dia	mm	Φ 650
Spindle	Spindle bore	mm	Φ75
	Spindle type	/	A2-8
	Spindle speed	rpm	2000
	Chuck size	/	10" manual chuck
	Max. bar through dia.	mm	Φ 70
	Spindle motor power	Kw	18.5
	X/Y/Z axis	X axis travel	mm
Z axis travel		m/min	860/1640/2150/3150
X/Z axis rapid moving speed		/	16 (Linear guideay) 12 (Box guideway)
Tool turret	Tool turret type	/	8 Station
	Toolshank size	mm	20x20
Others	Machining roughness	mm	Ra≤1.6
	Machining accuracy	/	IT6
	X/Z axis repeated positioning accuracy	mm	0.008/0.01(0.013)
	Overall size	mm	2900x1750x1900
	N.W.	kg	3600

Main parts list :

Item	Brand
CNC controller	SIEMENS
Feeding driver & motor	SIEMENS
Spindle driver & motor	SIEMENS
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