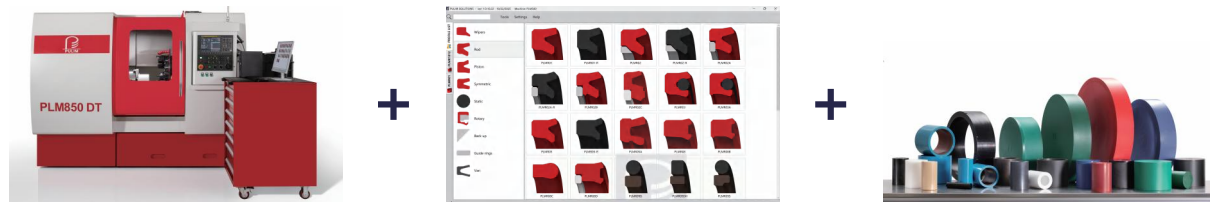
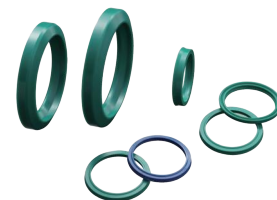


# Pulim Turnkey Sealing Factory



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Address: No.155 Huayang Road, Xiangcheng District, Suzhou, P.R. China, 215143  
Tel:+86(512)66333588 Fax:+86(512)66333988  
Website: [www.pulim.cn](http://www.pulim.cn) E-mail:[Sales@pulim.cn](mailto:Sales@pulim.cn)

 Suzhou Pulim Sealing Technology Co., Ltd

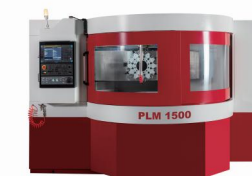
VISION: Commitment to becoming a world-leading manufacturer of engineering polymer products.  
MISSION: Providing the highest quality of sealing materials to help the industry to achieve sustainable.



# Pulim Sealing Solution

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## CNC Machines For Seal Manufacturing



Suzhou Pulim Sealing Technology Co., Ltd

PULIM SOLUTIONS CNC MACHINE CATALOGUE

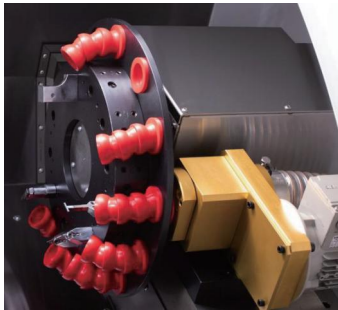
Item	Unit	PLM 300	PLM 500	PLM500 pro	PLM 850	PLM 1500	PLM 1800
							
Chuck Size	inch	6	6	8	10	Vacuum clamping system	Vacuum clamping system
Max Machining Diameter	mm	Φ300	Φ500	Φ500	Φ850	Φ1500	Φ1800
Max Spindle&Chuck speed	rpm	3000	3000	3000	3000	150	150
Spindle Nose Type	ISO	A2-5	A2-5	A2-5	A2-6	/	/
Main Motor Power	KW	5.5	5.5	7.5	11	32	32
Turret Type	/	Servo Turret	Servo Turret	Servo Turret	Servo Turret	Servo Turret	Servo Turret
Turret Positions	pcs	12	12	12	12	12	12
X-axis Travel Speed	m/min	28	28	28	20	15	15
Z-axis Travel Speed	m/min	28	28	28	20	15	15
X-axis Travel	mm	175	285	285	500	800	950
Z-axis Travel	mm	260	260	450	450	500	500
Option for driven tools	/	×	×	×	√	√	√
Repeat Positioning Accuracy(X,Z)	mm	X: 0.002 Z: 0.004	X: 0.002 Z: 0.004	X: 0.002 Z: 0.004	X: 0.004 Z: 0.008	X: 0.008 Z: 0.008	X: 0.008 Z: 0.008
Weight	Kg	2200	2200	2500	4500	8000	10000
CNC System	/	FANUC Oi TF Plus	FANUC Oi TF Plus	FANUC Oi TF Plus	FANUC Oi TF Plus	FANUC Oi TF Plus	FANUC Oi TF Plus
Dimensions (L×W×H)	mm	1560×1510×1500	1560×1510×1500	1820×1548×1530	2500×1950×1750	3500×2300×2800	3800×2600×2750

“Basic” Machine & Necessary Additional Equipment

- CNC lathe machine
  - FANUC control unit “Oi-TF”
  - Disc-turret with 12 positions for cutting tools
  - Chip-cutter & suction unit
  - Multi-function tool cabinet
- Multi range aluminium clamping jaws
  - Cutting tools
  - Hand tools
  - Measuring tools (digital calipers, Pi-Tapes)
  - Manual

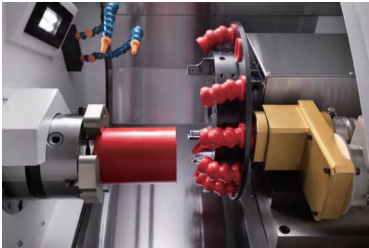
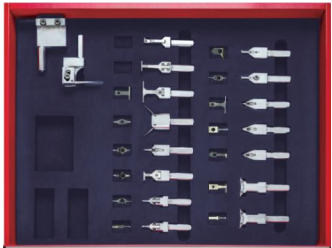
Chip-cutter & suction unit

A well-functioning chip cutter and suction unit is crucial for the machining quality of seals, especially surface finish, as well as the machining ability of seal materials. The cutting blade component is made of high-precision aluminum material, and the use of an HSS (High-Speed Steel) blade head, combined with a powerful chip suction unit, ensures that chips are instantly removed after cutting without entangling the blade.



Tools & Cabinet

The tool cabinet include holders &tools& chucks which can produce most of common seals.



Option for Driven tools

The option of driven tools offers 2 different angle with 0°and 90°, can machine additional radial and axial grooves or millings.



Optional equipment

We are able to provide the necessary periphery machinery (for the sharpening of cutting tools, for cutting guide rings and back up rings), as well as measuring devices needed for operating a seal workshop.



Microscope

Tool lapping machine

Band saw

Cutting Plier

Optional equipment- Bar feeder

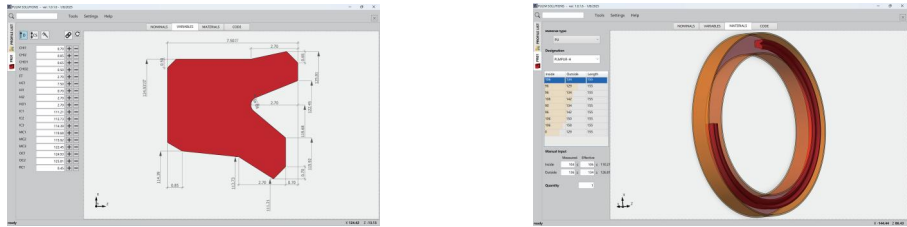


By means of the Option Big Bore a headstock with a spindle bore of Ø 60 mm can be selected for the PLM 500 Pro machine. Hence, the loading of rods up to a diameter of 60 mm will be possible for serial production. The machining range of 0-500 mm remains unchanged.






















- Add 60 mm large-bore main spindle
- Add 8-inch large-bore chuck
- Add hydraulic power unit

PULIM SOLUTIONS Software

Totally 173 profiles designed in PULIM SOLUTIONS ,can represent a seal drawing as 3D view. Clear see the material using and choose the most economic tube.More flexible for dimension modified and input. Also including tool management system,import DXF feature,programing for driven tools with set up in 3D,save file for later reload function.


















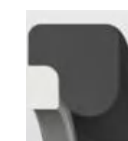











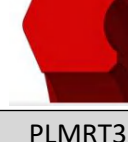
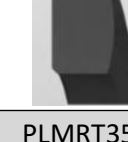
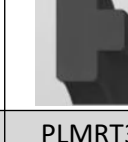
Profile list

WIPERS					
					
PLMW01C	PLMW01D	PLMW02	PLMW02-2	PLMW02C	PLMW03
					
PLMW05C	PLMW11	PLMW11-R	PLMW11A	PLMW12	PLMW12A
					
PLMW13	PLMW17	PLMW18	PLMW25	PLMW26	PLMW27E2
					
PLMW27E5	PLMW28	PLMW38			

ROD SEALS					
					
PLMR01	PLMR01-R	PLMR02	PLMR02-R	PLMR02A	PLMR02A-R
					
PLMR02B	PLMR02C	PLMR03	PLMR03A	PLMR05	PLMR05-R
					
PLMR05A	PLMR08	PLMR08B	PLMR08C	PLMR08D	PLMR09D
					
PLMR09DH	PLMR09S	PLMR09SH	PLMR09SK	PLMR14A	PLMR14B
					
PLMR16A	PLMR16B	PLMR16C	PLMR17	PLMR17-R	PLMR20
					
PLMR20-R	PLMR24A	PLMR35	PLMR35-R	PLMR1012	PLMRV02
					
PLMRV03	PLMR1315	PLMR32	PLMRA01	PLMRTVD	PLMRTVD1
					
PLMRTVD2	PLMRRVD1	PLMRRDVD	PLMRRHM	PLMRVYD	PLMRVYDD1






PISTON SEALS					
					
PLMP01	PLMP01-R	PLMP02	PLMP02A	PLMP03	PLMP04
					
PLMP04A	PLMP05	PLMP05A	PLMP08D	PLMP08DP	PLM08DT
					
PLMP08DH	PLMP08S	PLMP08SH	PLMP08P	PLMP08R	PLMP09A
					
PLMP09AE	PLMP09H	PLMP16A	PLMP16B	PLMP16C	PLMP17
					
PLMP17R	PLMP17A	PLMP17AR	PLMP20	PLMP20-R	PLMP23-H
					
PLMP23A	PLMP23AE	PLMP23LF	PLMP24B	PLMP35	PLMPAQ1
					
PLMPAQ2	PLMPGDKK	PLMPRVD	PLMPRVD1	PLMPTVD	PLMPRHM
					
PLMPRVM	PLMPRVM-L				

Symmetric					
					
PLMPR06	PLMPR07	PLMPR21	PLMPR13B	PLMPR16	PLMPR29P
Static					
					
PLMRT13	PLMRT13B	PLMRT13C	PLMRT13D	PLMRT13E	PLMRT13H
					
PLMRT13T	PLMRT13V	PLMRT15	PLMRT15A	PLMRT15AR	PLMRT16
					
PLMRT16AR	PLMRT16BR	PLMRT35	PLMRT35AR	PLMRT35T	

Rotary					
					
PLMRT01	PLMRT01-R	PLMRT01A	PLMRT01A-R	PLMRT02	PLMRT02-R
					
PLMRT02A	PLMRT02A-R	PLMRT04B	PLMRT05B	PLMRT06	PLMRT06-R
					
PLMRT08	PLMRT09	PLMRT09H	PMRT10	PLMRT10H	PLMRT20A
					
PLMRT28A	PLMRT29A	PLMRT37A	PLMRTTV D	PLMRTTV D1	PLMRTTV D2
					
PLMRTTV D2	PLMRTTHD	PLMRTTHD1			

Guide rings					
					
PLMG01	PLMG05	PLMG06	PLMG07	PLMG08	PLMG09
					
PLMG10					

Back up					
					
PLMB09	PLMB09-2	PLMB10			