

POLEKS MAKİNA SAN.TİC.A.Ş

2.Organize Sanayi Bölgesi Yaylacık Cd.Işıktepe Sk.No:21

KONYA-TÜRKİYE

+90 332 239 00 11 / +90 555 050 3533

www.poleks.com.tr / sales@poleks.com.tr

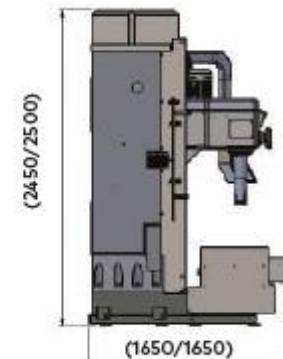
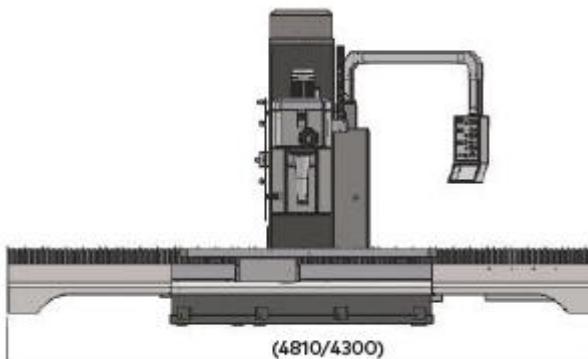


**RM 500 CNC
CLINDER BORING AND
SURFACE MILLING MACHINE**



Industry 4.0

- Cast- iron base
- (LCD)Touch Screen and CNC-Control unit
- Automatic CNC – Cylinder boring process
- 'X-Y-Z' Axis AC/Servo motor control
- Interpolation system while cylinder boring process running (Optional)
- Electronic Hand Wheel for X-Y-Z axis.(Speed Adjustable)
- Incremental electronic measuring device (X,Y,Z axis)
- Simulation of the boring and milling process (Optional)
- Movable Boring head changer robot (Optional)
- Spindle Head Up and Down movements with speed adjustable
- Electronic speed adjustable Spindle rotation (Elc.Hand Wheel Control)
- Speed adjustable table for surfacing process
- Movable work lighting (LED)lamp
- Prepared system chip breakers (cutting tools)
- Column curtain for secure the slides Column(Z-axis) 'V' type slide system
- Table slides (X-Y axis)'Linear Guides ' with automatic lubrication system.
- Electric panel inside lighting lamp
- Boring head with marble system
- Spindle Head down and up movements with ball screw and automatic lubrication.
- Ball screw system for table forward-backward and right-left movements with automatic lubrication. (X-Y axis)
- Time setting Automatic Lubrication System
- Electronic hand wheel control and movements for X,Y,Z axis.
- Ethernet and Remote connection system available

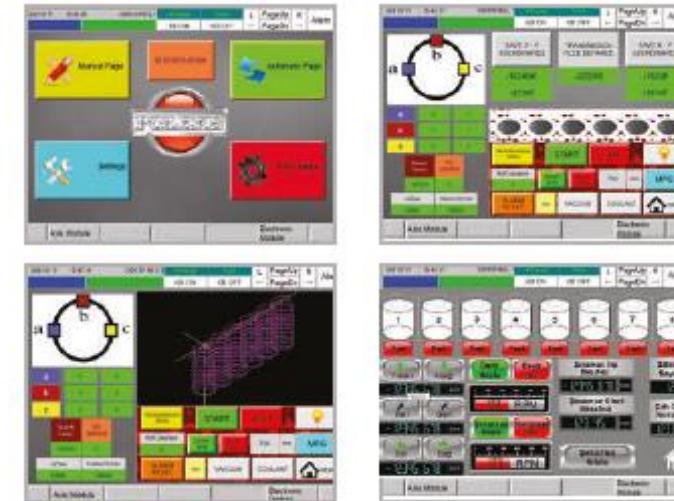


hareketli dokunmatik ekranlı kont
Movable control panel with touch:



032117
Başlık değiştirme robottu (Opsiyonel Ekipman)
Boring head changer robot (Optional Tool)

	Technical Specifications	RM 500
Makine Kapasitesi <i>Machine Capacity</i>	Max.Boring diameter	mm 320
	Min.Boring diameter	mm 50
	Max milling width	mm 440
	Distance between spindle centerline to column	mm 550
	Max.Boring stroke(without boring head)	mm 1350
	Table working surface	mm 1980x520
	Max.Longitudinal travel of table	mm 2100
	Max table cross traverse	mm 75
Hız Speed	Spindle rotation speeds (speed adjustable)	d/dk-(Rpm)Min 0-700
	Spindle head fine feed speed (speed adjustable)	d/dk-(Rpm)Min 0-700
	Spindle head fast feed,up and down	d/dk-(Rpm)Min 1950
	Table quick feed speed	mm/dk(min) 10000 mm/sn(sec) 0-700
Elektrik Electric	Table automatic fine feed speeds (speed adjustable)	
	Electric system	V 380 - 24
Motor	Spindle motor	Kw 3
	Spindle head traverse,up and down motor	Kw (AC Servo) 1
	Table automatic feed motor	Kw (AC Servo) 1,5
Ebatlar Dimensions	Work length of machine	mm 4810
	Length of machine	mm 2830
	Width of machine	mm 1650
	Height of machine	mm 2500
	Weight of machine	kg 3600



Special strong bellow type curtain for protect the ball screw and table linear slides



Hareketli muhafaza sistemi (Opslyonel Ekipman) **Movable safeguard (Optional tool)**



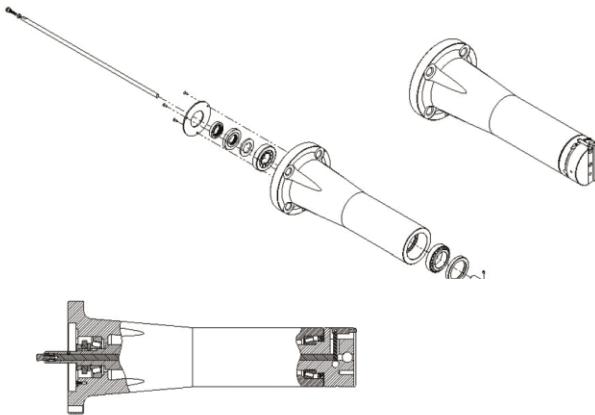
Vakum sistemi talaş ve kesme tozları İçin (Opslyonel) **Vacuum system , for dust and iron fillings (Optional)**



Led iş aydınlatma lambası
Led work lighting lamp



Linear table slides



Rektefiye başlığı iç yapısı bilyalı sistemdir. Rektefiye başlıklarını temiz ve özel ortamda hassas biçimde imal edilmektedir.
Boring heads with marble system boring heads manufacturing with delicate in clean and optimum ambience.

**RM
500**

Only three pieces of boring head is handled with RM 320 Boring Machine

