



POLEKS MAKİNA SAN.VE TİC.AŞ

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Konya / TURKEY

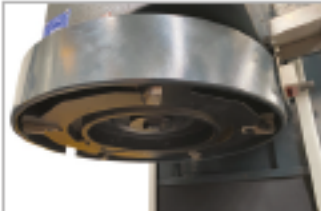
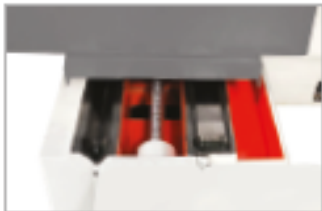
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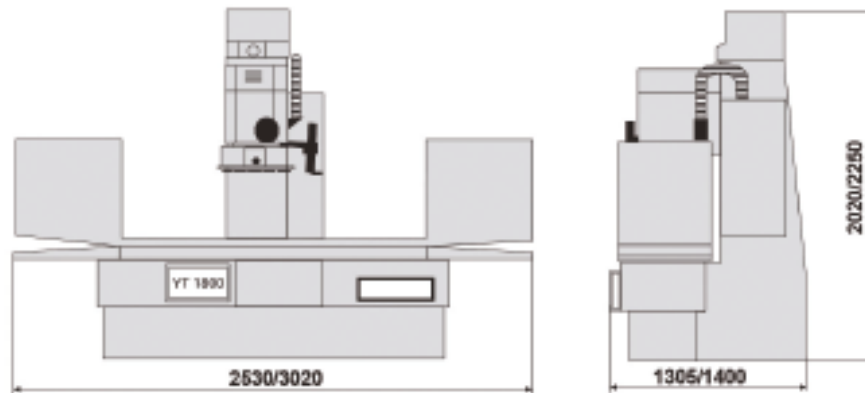




- Cast-iron body
- (CBN diamond & Segmental Wheel) cutting system
- Semi Automatic Grinding Mode
- Easy programming and Flat Surface Graphic Data with LASER indicator.
- Servo Control (Z axis) Automatic Feeding
- Spindle head up and down movement speed adjustable (Z axis)
- Ethernet and Remote connection system available Industry 4.0
- Ball Screw system for (X-Z) axis
- Electronic speed adj. Handwheel Movement for (X-Z axis)
- Electronic hand-wheel for precision feeds movement(0.005)
- Time adj. automatic lubrication system for all slides and ball screws(X,Z axis)
- Sliding cover and cabin
- Incremental electronic measuring device (X,Z axis)
- Electronic Motor speed adjustable table(X axis)
- Electronic Speed adjustable table movement(X axis)
- (LCD)Touch Screen and NC-Software system
- Column curtain for secure the slides
- Wheel dressing device fixed on grinding head
- Grinding wheel rotation Speed adjustable
- Magnetic Water Separator (Optional)
- Electric panel inside lighting lamp



	Specifications	Unit	YT 1800-S
Makine Kapasitesi <i>Machine Capacity</i>	Machine table surface	mm	1700x320
	Max. Grinding length(-X axis)	mm	1800
	Max. Grinding width(-Y axis)	mm	400
	Distance between column guides and table center	mm	450
	Max.Distance from wheel to table surface	mm	900
Paso <i>Feed</i>	Max/Min. Table speed (-X axis)	m/dk	0 - 8000
	Automatic feed movement (-Z axis)	mm	0.005
Kesici Taş <i>Grinding wheel</i>	Segmental Grinding Wheel diameter(max)	mm	400
	Grinding wheel rotation speed(speed adjustable for (NC)	rpm	0 - 1400
Elektrik/Electric	Electric system	V	380 - 24
	Stroke motor (Z)	Kw	1 (ACServo)
Motor	Table motor(X)	Kw	1.1
	Spindle motor	Kw	5.5
	Cooling unit pump motor	Kw	0.37
Ebatlar <i>Dimansions</i>	Work length of machine	mm	4820
	Length of machine	mm	3020
	Width of machine	mm	1400
	Height of machine	mm	2250
	Weight of machine	kg	2850



• GTİP No:8460.19.00.00.00



Seri No	Standard Extra Equipments	YT 1800-S	
		ST	EX
042100	Wheel flange and segmental grinding wheels	1	
042102	Grinding wheel balancing apparatus and shaft	1	
042120	Circular multiple surface milling head	1	
042103	Wheel Disassembly Stips	1	
042104	Work lighting lamp	1	
042105	Lazer surface roughness indicator	1	
042106	(Fixed)Segmental wheel dressing apparatus	1	
042107	Set of two parallel blocks h. 100x535 mm	1	
042108	Work Clamping plates	4	
042109	Speed adjustable electronic handwheel(portable)	1	
042110	Water Cooling tank with Magnetic water separator	1	
042111	Automatic lubrication system	1	
042112	Tool box (Kit)	1	
042113	Electro Magnetic Table		Extra
042114	Work signal Light '3 different stages'	1	
042115	Digital axis indicator(X,Z axis)	1	
042119	Wheel flat surface approaching led light		Extra
042116	Angle cylinder head conneting apparatus		Extra
042121	Tool Holder (for Cbn/Pcd)		Extra



042107



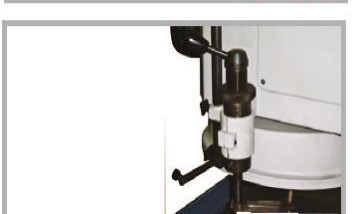
042109



042110



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042100



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042112



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