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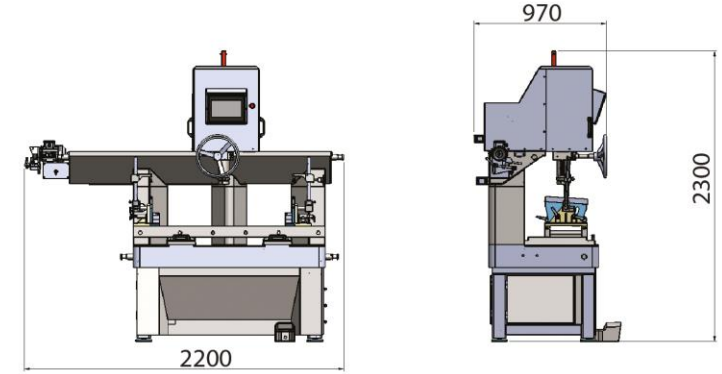
# KR 1600 S

Semi-Automatic / Servo Control

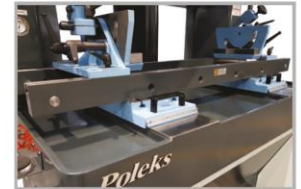
## Silindir Kapak Revizyon Makinesi Cylinder Valve Seat and Guide Machine

- Döküm gövde  
Cast iron base
- Otomatik Merkezlere  
Automatic Centering System
- Mil motoru/Fener Mili Servo Motor  
Spindle Motor (Servo Control)
- LCD dokunmatik ekran kontrol paneli  
LCD Touch Screen control panel
- Hız ayarlı fener mili  
Speed adjustable spindle rotation
- Servo motor sessiz ve pratik çalışma sistemi  
Servo motor supplies soundless and practical working
- Elektronik derinlik cetveli ve verilen paso değerini görme  
Electronic feeding scale feature to follow the given feeds
- Vakum sistemi ve vakum metre dokunmatik ekran üzerinden kontrollü  
Vacuum system and vacuum meter on touch screen
- Kolay programlama ve hafıza kaydetme  
Easy Programming and data save on memory
- Pinömatik Tabla Kontrolü  
Pneumatic (Air Floating) table
- Pinömatik ışık kafası kontrolü  
Pneumatic (Air Floating) workhead
- Pinömatik fener mili kontrolü  
Pneumatic (Air Floating) boring spindle

- Kapalı kabin takım muhafaza dolabı  
Closed cupboards for pilots and other tools.
- 180° (Açı) Silindir kapagi bağlama aparatları  
Special up to 180° (Angle) Cylinder Head connection fixtures.
- Vakum Test aparatı  
Vacuum Tester fixtures
- Universal kullanımlar için seyyar hava tabancası  
Air gun fixed on machine for universal uses
- (LED) ışık aydınlatma lambası  
(LED) Work surface lighting



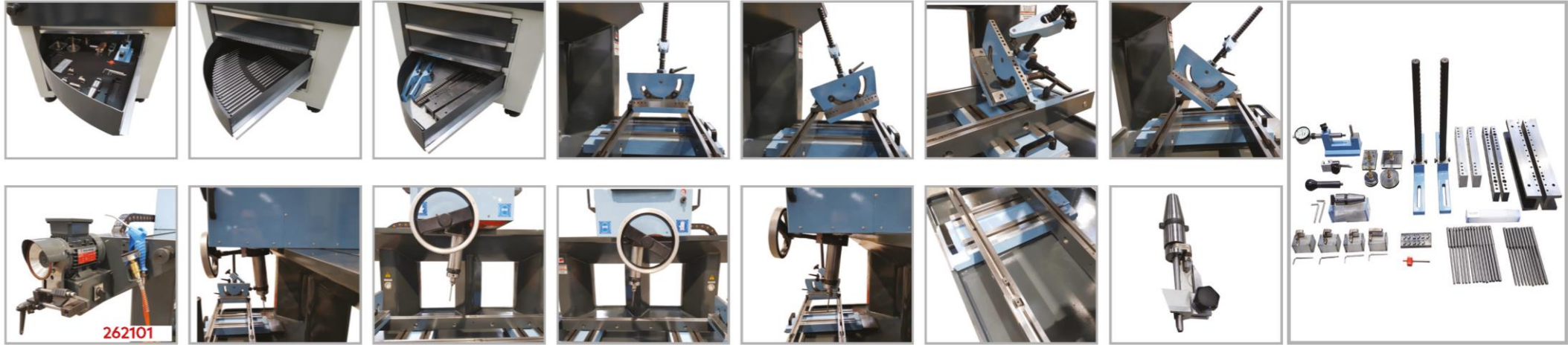
• GTİP No:8459.29.00.00.00



Safety  
and  
Quality

Network  
Centric  
and  
Reporting

IP Connectivity  
and  
Technical  
Support



	Teknik Özellikler	Specifications	Unit	KR 1600-S
<b>Makine Kapasitesi</b> <i>Machine Capacity</i>	Maks. İşleme Kapasitesi (Standart Ekipman ile)	Max.Boring capacity ( with standard tools)	dia	70
	Maks. İşleme Kapasitesi (Ekstra Ekipman ile)	Max.Boring capacity ( with extra tools)	dia	120
	Min.İşleme Kapasitesi	Min.Boring capacity	dia	16
	Maks.Tabla Gezintisi ( ileri ve geri hareket)	Max. Table traverse travel (forward-backward movement)	mm	260+130
	Maks.Silindir Kapagı Bağlama Kapasitesi ( Boyuna)	Max.Cylinder head placing capacity (Length)	mm	unlimeted
	Maks.Silindir Kapagı Bağlama Kapasitesi ( Enine)	Max.Cylinder head placing capacity (Width)	mm	600
	Maks.Silindir Kapagı Bağlama Kapasitesi ( Yükselik)	Max.Cylinder head placing capacity (Height)	mm	520
<b>Motor</b>	İş Kafası Gezinti Mesafesi-Boyuna	Workhead travel -Lengthwise (standard)	mm	1150
	İş Kafası Gezinti Mesafesi-Boyuna(Park alanı dahil)	Workhead travel -Lengthwise (with parking area)	mm	1440
	İş Kafası Küre Hareketi	Workhead travel Sphere-cylinder travel	mm	30
<b>Ebatlar</b> <i>Dimansions</i>	Maks.Mil Yataylığı-Hareketi	Max. spindle inclination	degree	15
	İş Mili Hareketi(Aşağı-Yukarı)	Spindle travel (down-up)	mm	190
	İş Mili Motor Gücü(Servo Motor ve Servo Redüktörlü)	Spindle motor power (servo motor with servo reducer)	kw	0.75 (AC Servo)
	İş Mili Dönüş Hızı(Hız ayarlanabilir)	Spindle rotation speed	r.p.m	0-500
	Elektrik Sistemi	Electric System	V	380-24-3Phase
	Pinümatik Sistemi	Pneumatic supply	bar	6
	Maks. Hava Sistemi Basınç	Max. air flow	l/mn -CFM	400/15
	Ses-Gürültü Yüksekliği(500rpm)	Noise level at 500 RPM	Db	40
	Makine Çalışma Boyu	Work Lenght of Machine	mm	2200
	Makine Boyu	Lenght of machine	mm	2200
Makine Eni	Width of machine	mm	970	
Makine Yüksekliği	Height of machine	mm	2300	
Makine Ağırlığı	Weight of mahcine	kg	1700	



Seri No	Standard Ekipmanlar	Standard Equipments	KR 1600 Adet/Pcs
262100	Açılı Kapak Bağlama Aparatı	Set Single Axis Roll-Over Fixture	1
262101	Bileme Aparatı	CARBIDE BIT SHARPENER (withing grinding wheel Ø 100)	1
262102	Vakum Test Sistemi	VACUUM TESTING SYSTEM	1
262103	Ø50 mm. Ped Vakum Test Aparatı	Ø50 mm. PAD WITH FOAM FOR VACUUM TESTER	1
262104	Ø70 mm. Ped Vakum Test Aparatı	Ø70 mm. PAD WITH FOAM FOR VACUUM TESTER	1
262105	50x80 mm. Ped Vakum Test Aparatı	50x80 mm. PADS WITH FOAM FOR VACUUM TESTER	1
262106	70x80 mm. Ped Vakum Test Aparatı	70x80 mm. PADS WITH FOAM FOR VACUUM TESTER	1
262107	Paso Verme Aparatı	TOOL SETTING DEVICE paso verme aparatı	1
262108	Hassas Su Terazisi Ø 9.52 mm	BUBBLE LEVEL FOR PILOT DIA. SHANK Ø 9.52 mm	1
262109	TORX T8 Alyan Anahtarı	TORX T8 SCREW DRIVER	1
262110	Alyan T 3 mm.	ALLEN KEY T 3 mm	1
262111	Alyan T 2.5 mm.	ALLEN KEY T 2.5 mm.	1
262112	Açı Kontrol Aparatı	VALVE SEAT ANGLE CONTROL DEVICE	1
262113	TAKIM TUTUCULAR	TOOL HOLDERS	1
PLKT -108	Takım Tutucu	TOOL HOLDER	1
PLK	Karbür Elmas Tutucu(PLK-OL/16-30)-(PLK-O/16-30)-(PLK-1/28-42)-(PLK-2/40-58)	BIT HOLDER (PLK-OL/16-30)-(PLK-O/16-30)-(PLK-1/28-42)-(PLK-2/40-58)	1
Seri No	Kesici Elmaslar	Cutting Bits	Adet/Pcs
150 070 L020-26	3 (üç) Açılı Karbür Elmas(30°x1.5mm)-(30°x2.0mm)-(45°x1.5mm)-(45°x2.0mm)-(45°x2.5mm)-(30°x2.5 mm)-(45°x1.3mm)	3 ANGLE CUTTING CARBIDE BIT(30°x1.5mm)-(30°x2.0mm)-(45°x1.5mm)-(45°x2.0mm)-(45°x-2.5mm)-(30°x2.5 mm)-(45°x1.3mm)	1
150 070 L030	90 Derece Düz Karbür Elmas	90 DEGREE FLAT CUTTING BIT	1
150 070 L027-28-29	Derece Tek Açılı Karbür Elmas (20-30-45)	DEGREE SINGLE ANGLE CUTTING BIT (20-30-45)	1
Seri No	Paralel Ayaklar	Paralel Supports	Adet/Pcs
262114	Faturalı Ayak(50x30 x240mm)	(50x30 x240mm) Rabbet parallel support	2
262115	Düz Ayak (50x30x240mm)	(50x30x240mm) Flat parallel support	2
262116	Düz Ayak (40x20x310mm)	(40x20x310mm) Flat parallel support	2
262117	Pik İş Sıkma Ayacı (50x60x350mm)	(50x60x350mm) Cast-iron head clench support	2
262118	Seri Sıkma Aparatı Seyyar	Portable quick-pratic clench apparatus	2
Seri No	Pilot Milleri (Karbür)	Carbide PilotT Miller	Adet/Pcs
KP-952	Karbür Pilot (Ø9,52-L:165mm)4,98mm-5,00mm-5,48mm-5,50mm-5,98mm-6,00mm-6,98mm-7,00mm-7,98mm-8,00mm	Carbide Pilot(Ø9,52-L:165mm)4,98mm-5,00mm-5,48mm-5,50mm-5,98mm-6,00mm-6,98mm-7,00mm-7,98mm-8,00mm	10
Seri No	Pilot Milleri ( Hava Çeliği)	Tapered Steel Ø4,98 mm - 12.00mm	Adet/Pcs
HCP-952	Hava Çeliği Pilot(Ø9,52-L:165mm)4,98mm-5,00mm-5,48mm-5,50mm-5,98mm-6,00mm-6,01mm-6,98mm-7,00mm-7,01mm-7,98mm-8,00mm-8,01mm-8,25mm-8,50mm-8,98mm-9,00mm-9,50mm-10,00mm-11,00mm-11,98mm-12,00mm	Tapered Steel(Ø9,52-L:165mm)4,98mm-5,00mm-5,48mm-5,50mm-5,98mm-6,00mm-6,01mm-6,98mm-7,00mm-7,01mm-7,98mm-8,00mm-8,01mm-8,25mm-8,50mm-8,98mm-9,00mm-9,50mm-10,00mm-11,00mm-11,98mm-12,00mm	22
Seri No	Ekstra Ekipmanlar	Extra Equipments	Adet/Pcs
262119	Vakum test aparatı ekstra tutucu pedleri (farklı ebatlar)	Extra Vacuum Tester Pads (different sizes)	Extra
262120	Diamond (bileme aparatı için )	Diamond (for tool grinding apparatus)	Extra
262121	Paralel ayaklar	Parallel Supports	Extra
Seri No	Takım Tutucular	Tool Holders	Adet/Pcs
PLKT	Takım Tutucu (PLKT 158)-(PLKT 4090)-(45100)-(70120)	Tool Holder (PLKT 158)-(PLKT 4090)-(45100)-(70120)	Extra
Seri No	Elmas Tutucular	Bit Holders	Adet/Pcs
PLK	Elmas tutucu (PLK 4090-1)-(PLK4090-2)-(PLK 45100-1)-(PLK 45100-2)-(PLK 45120-1)	Bit Holder (PLK 4090-1)-(PLK4090-2)-(PLK 45100-1)-(PLK 45100-2)-(PLK 45120-1)	Extra
Seri No	Kesici Elmaslar	Cutting Bits	Adet/Pcs
KLP-952	3 açılı karbür elmas (different degree selection)	3 Angle Cutting Carbide Bit (different degree selection)	Extra
Seri No	Karbür Pilotlar	Carbide Pilots	Adet/Pcs
KP-952	Karbür Pilot (Ø9,52-L:165mm),(6,01mm,7,01mm,8,01mm,8,25mm,8,50mm,8,98mm,9,00mm)	Carbide Pilot(Ø9,52-L:165mm),(6,01mm,7,01mm,8,01mm,8,25mm,8,50mm,8,98mm,9,00mm)	Extra
Seri No	Pilotlar (Hava Çeliği)	Tapered Steel Pilots	Adet/Pcs
HCP-952	Hava Çeliği Pilot (Ø9,52-L:190mm)-(7,00mm-7,01mm-7,02mm-7,95mm-7,96mm-7,97mm-7,98mm-7,99mm-8,00mm-8,01mm-8,02mm-8,03mm-8,05mm-8,25mm-8,45mm-8,97mm-8,98mm-8,99mm-9,00mm-9,02mm-9,48mm-9,49mm-9,50mm-9,51mm-10,00mm-10,98mm-11,00mm-11,98mm-12,00mm)	Tapered Steel(Ø9,52-L:190mm)-(7,00mm-7,01mm-7,02mm-7,95mm-7,96mm-7,97mm-7,98mm-7,99mm-8,00mm-8,01mm-8,02mm-8,03mm-8,05mm-8,25mm-8,45mm-8,97mm-8,98mm-8,99mm-9,00mm-9,02mm-9,48mm-9,49mm-9,50mm-9,51mm-10,00mm-10,98mm-11,00mm-11,98mm-12,00mm)	Extra