İleri Teknik
Innovative Sawing Technologies

V 315 T CIRCULAR SAWING MACHINE WITH PNEUMATIC VICE

30 YEARS
Nilüfer Organize Sanayi Bölgesi
Gürgen Cd. No: 4 Nilüfer / BURSA / TR
T: +90 224 411 05 37 F: +90 224 411 05 38
www.ileriteknik.com

Thank you for your enquiry concerning V315 T Manual Circular Sawing Machine.

We would like to make you the following offer but we would like to explain the subjects below :

- The prices, delivery time and discount rate in this proposal are made with the best conditions for you.
- Our machines are carefully tested to ensure about their proper operational ability before they get ready to be dispatched.
- As a result of their high quality, our machines are in great demand all around the world.
- Our machines are guaranteed for 1 year against production faults.
- This offer will be valid 1 month since issuing date.

Please let us know if there is any other way that may help you.

Thanks for your kind interesting.

Best Regards.

Serdar OKTA

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iLER TEKNK INNOVATIVE SAWING SYSTEMS since 1984

As a solution partner of hundreds of institutions and establishments in different sectors exports to over different countries from South Korea to Mexico and strongly over European countries meets with the regulations and quality its investments by obtaining a minimum of 2 patents per year through its engineering department and also acts as a consultant to its clients which are endeavoring to increase the quality of their machines.

The machines manufactured by LER TEKNK are being used in the fields from automotive to furniture industry, metal construction, pipe, pressure vessels, electric injectors, petro-chemical industry, bridge construction, wind-energy, fan and heating industry fields, and they are also offered for usage in many other different fields.

LER TEKNK SAWING Line is the first in Turkey consisting of automatic cutting solutions and loading-unloading as an integrated system. Electrical, electronical, pneumatic and hydraulic equipment used in our innovative sawing lines are all from world wide known high quality brands. We offer wide range of solutions for construction, furniture, automative industry and those sort of applications with our high technological productions.

As a conclusion to LER TEKNK is always preference of professionals and will never make compromises from what is offered by the company.

1. **Cutting Head**

The cutting head is fixed to the turntable by means of a hinge and performs a downward travel to cut the material. The upward and downward movements of the head are controlled manually by the operator.

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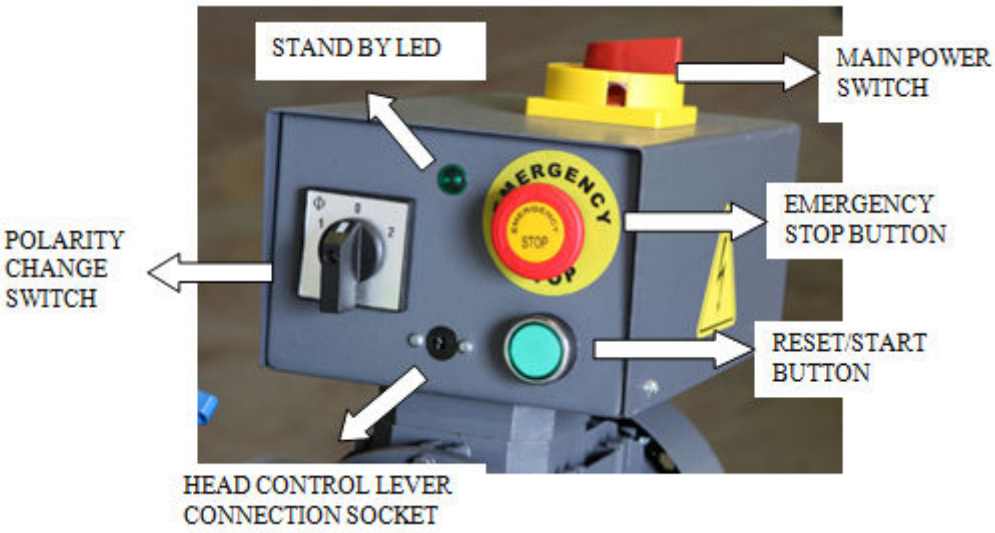

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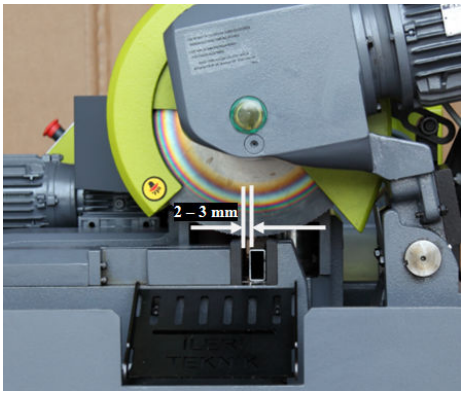
Select the cutting speed "RPM" then press the button and cutting fluid will be coming also blade starts turning after fixed the work-piece into the vice - you can make your first part.

Two heavy duty helical gears and one big worn gear is good to cut big solid material

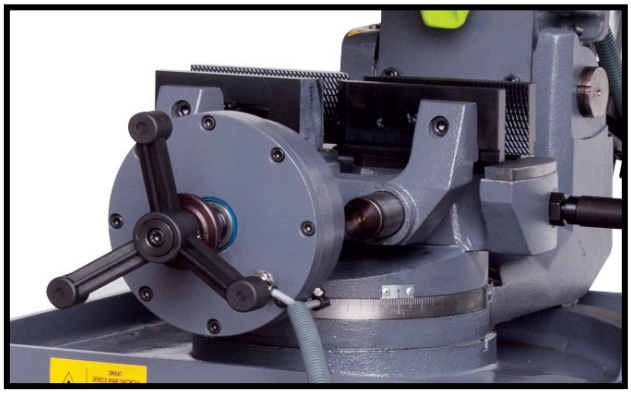
Due to the angle move the clamping parts and check back before the cutting the parts

Release the arm and turn to due to angle +/- 45 degrees



2. Pneumatic Hardened Wide - Vice

Pneumatic Vice makes every process easier than manual solutions. Operator fixed the workpiece first on hardened vice then open one tour back " release the material" after each hand button activated air-clamped vice holds the workpiece till end of the process and keep continously working. It does not required each time to manually clamp the workpiece unless the new material cut.



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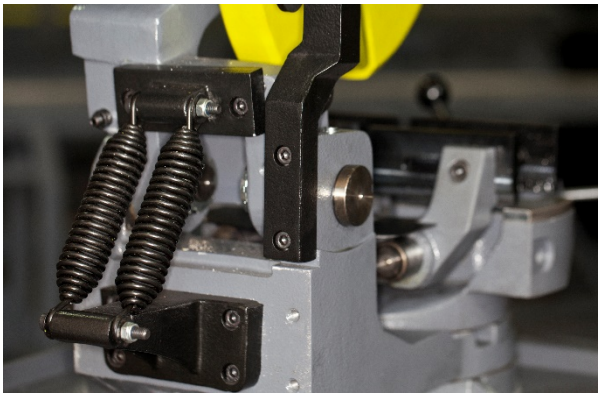
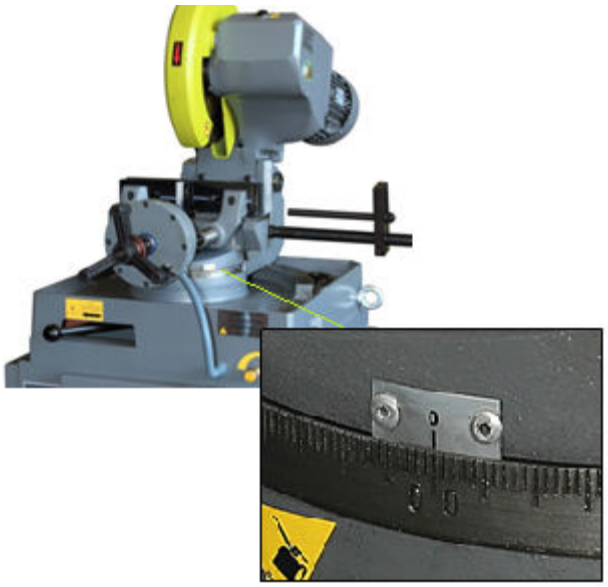
2.Back-Springs

There are two solid back springs helps to cutting head to the top and it is very easy to replace in the service point.



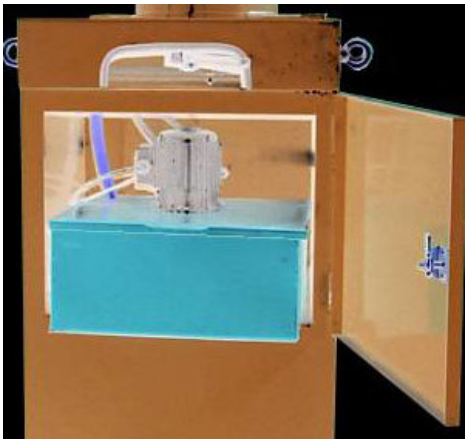


3.Easy Mitre Cutting

Mitre cutting arm holds the cutting head always in the same position by locking the angle. After arm position released then cutting head is able to turns ± 45.

LEFT TO RIGHT

Desired cutting angle sets on the measured line then locked by operator just before the cutting new parts.

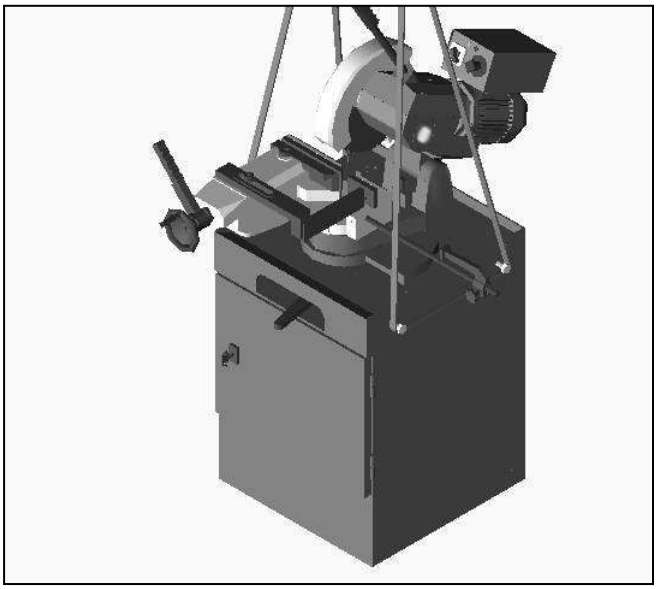


4.Chips Box and Coolant

Large cutting float is recycled by coolant pump and chips are collected into the scrap box as underneath of the cutting head.
Operator can take out the drawer and clean the scrap periodically.

5.Shipping & Carrying

There are special eyebolts points on the casting body to hook up with rigger or forklift. Also wooden – pallets may work to carry with worklifts by paying more attention.



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CUTTING CAPACITY		
Maximum Saw Blade Size Ø Maksimum Testere Çapı Ø	315 mm	
Head Swivel Testere Açısı	90°	45°
Round (mm) Yuvarlak	105	90
Square (mm) Kare (mm)	85 x 85	80 x 80
Rectangle (mm) Dikdörtgen (mm)	120x60	90x60

TECHNICAL SPECIFICATIONS		
Main Voltage (V) Ana Voltaj		400
Control Voltage (V) Kontrol Voltajı (V)		24
Nominal Current (A) Akım (A)		4,7
Installed Power (kW) Kurulu Güç (kW)		1,85
Main Saw Motor (kW) Testere Motoru (kW)		1,3-1,8
Coolant Pump Motor (kW) Bor Ya□ı Pompası (kW)		0,06
Air Pressure (Consumption) Hava Basıncı		6 kg/cm2 (120 ℓ/min)
Blade Speed (RPM) Testere Devri (Devir/Dk)		45/90
Head Swivel Açı Dönü□ü		90°/45°
Saw Blade Size Testere Çapı (mm)	Diameter Dı□ Çap	315
	Bore Delik Çapı	32
	Pin Holes Pim Delikleri	2xØ11 / Pivot Center Ø63
Machine Dimensions (LxWxH) mm Makine Ölçüleri (EnxBoyxYükseklik) mm		1.100x600x1.400
Net Weight (Kg) Net A□ırlık (Kg)		210

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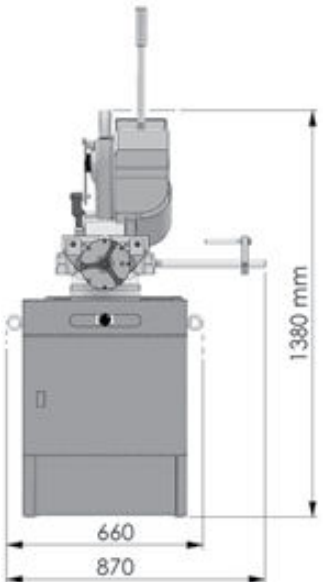
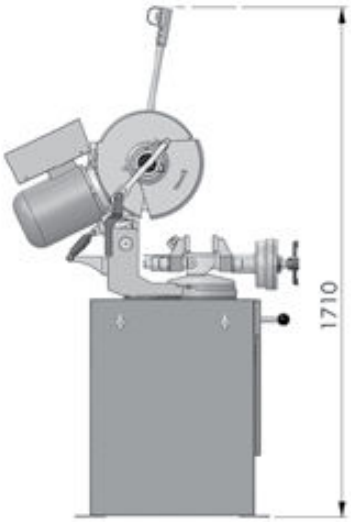
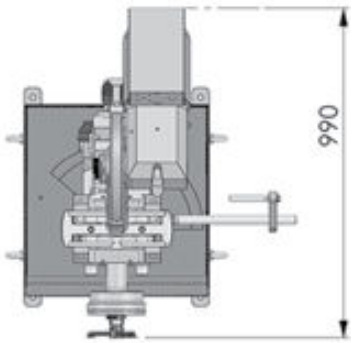
TECHNICAL FEATURES

- Compact, pull down manual circular saw for Cutting different size of metal pipes.
- Air-operated clamp for material vise
- Double reduction with hardened and grinded helical gears & Hardened and grinded
- worm and wheel gear box
- Robust Double Hinged Pivot
- Low voltage start/stop trigger switch within the pull down hand grip
- Counterbalance spring
- Miter capabilities 45 degrees left and 45 degrees right
- Double split vice to grip material on both sides of the material
- Self centering of vice optimizes cutting position
- Two cutting speeds
- Adjustable bar stop 500mm
- Large base for ultra-stability.
- Electric coolant pump with tank

Optional Accessories:
- Material support roller
- Saw Blade







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