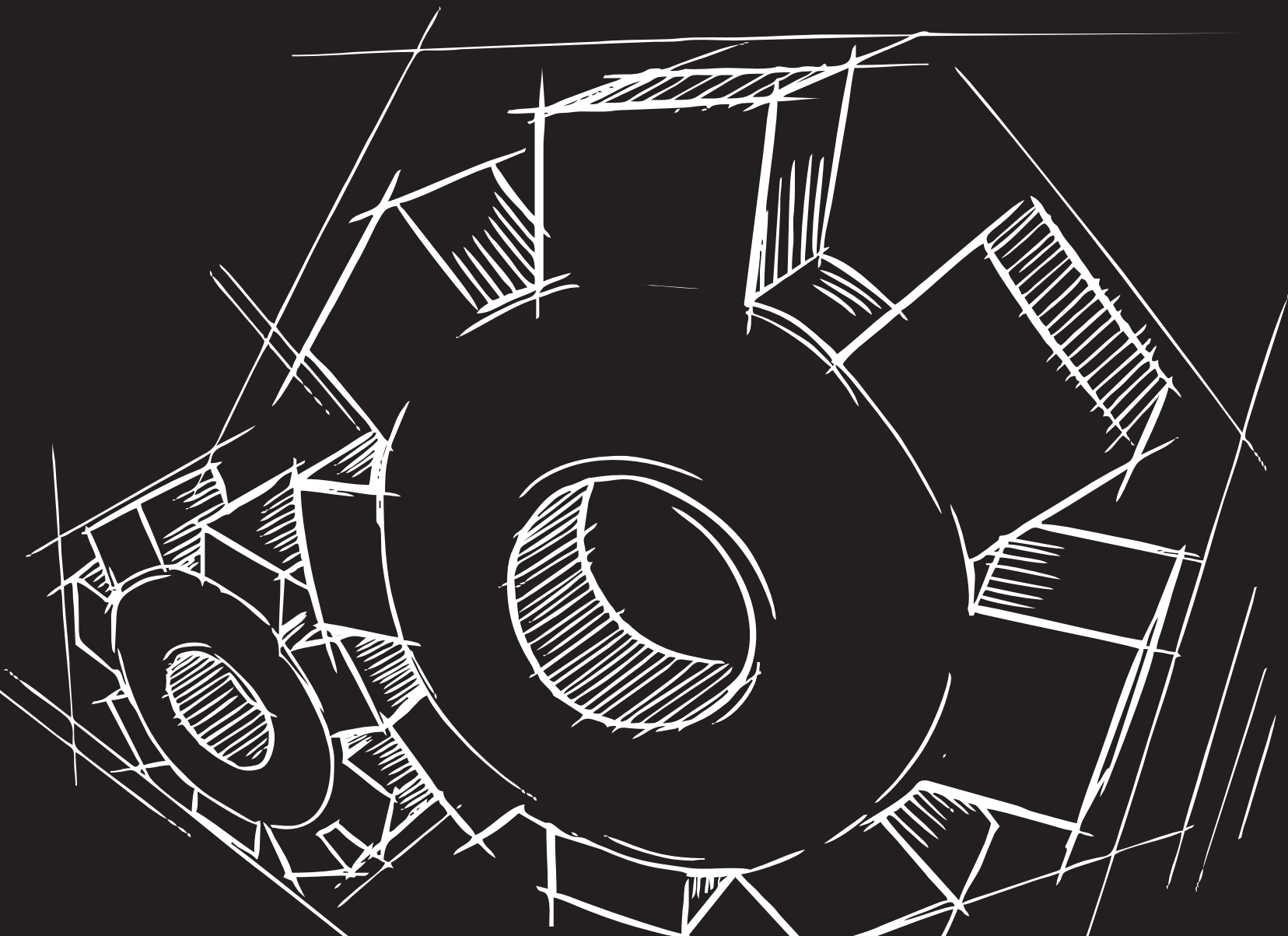




kartik

ENGINEERING WORKS

An ISO 9001:2008 Certificate Co



Mfg. of Granites Machinery & Crane Components, Precision Machinery Parts, Line Polish Machine and all type of job works





ABOUT US

Kartik Engineering Works

Founded in 2010 by Mr. Narendra Lohar, Kartik Engineering Works has established itself as a leading manufacturing company in the industry. We specialize in the production of Granite Machinery, Crane Components, Precision Machinery Parts, and provide solutions for all types of job works.

With over a decade of experience, we are committed to delivering high-quality, precision-engineered products that meet the needs of our valued clients.

Marshal Enterprise in 2015

we expanded our horizons by launching a second company, Marshal Enterprise, under the leadership of Mrs. Dimple Lohar. This company is dedicated to manufacturing a diverse range of components such as Rack & Pinion, Servo Motors, Gantry Systems, LM Guides, Fabrication Bodies, and Z-Axis Assemblies. Our focus at Marshal Enterprise is to deliver innovative and reliable solutions to cater to the growing demands of the market.

Kartik CNC & Laser Solutions

Continuing our journey of innovation and growth, in 2022, we founded Kartik CNC & Laser Solutions, a venture co-owned by Mr. Narendra Lohar and Mrs. Dimple Lohar. This company specializes in the production of advanced machinery such as Fiber Laser Cutting Machines, CO2 Laser Cutting Machines, Laser Marking Machines, CNC Wood and Stone Routers, and Laser Welding Machines. Our state-of-the-art solutions are tailored to enhance efficiency and precision for a wide array of industries.

Circual Saw Brazing Machine

Specification

Details	
Model:	KEW-BM300
Power Supply:	220/380/ M PHASE
Max Power Consumption:	20 KW
Control:	KEW- 300CIPU MACHINE SEMI AUTO
Max Segment:	THICKNESS-18MM HEIGHT – 25 MM
Brazing Diameter:	400 – 3000 MM
Cooling Water:	5L /MIN 2-5 BAR
Compressed Air Pressure:	0.4 – 0.6 MPA
Brazing Precision:	1+/- 0.05
Machine Dimension:	2100 X 560 X 660
Total Weight:	300 KG

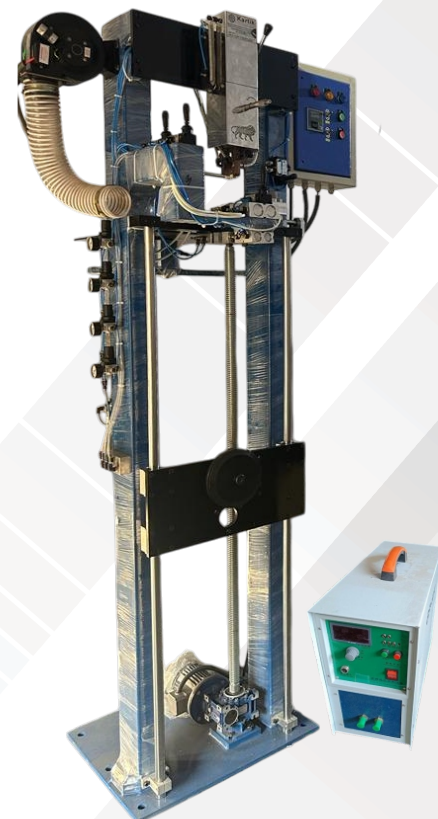
The technical details are subject to change without notice

Product Description:

- Brazing machine are semi-automatic machine which PLC Control system. Manually feed segment, sliver solder and soldering flux. Human-assisted segment positioning system, other brazing steps will be finished automatically.

Configuration:

- 1.Segment automatic fixing system. Machine can automatic fix the segment to the welding position.
- 2.Segment manually centering system. Manually adjust the welding position of the segment before the welding.
- 3.Human-assisted segment separating system.
- 4.Blade lock protraction system. Prevent damage of the cupreous part when operator rising the saw blade.

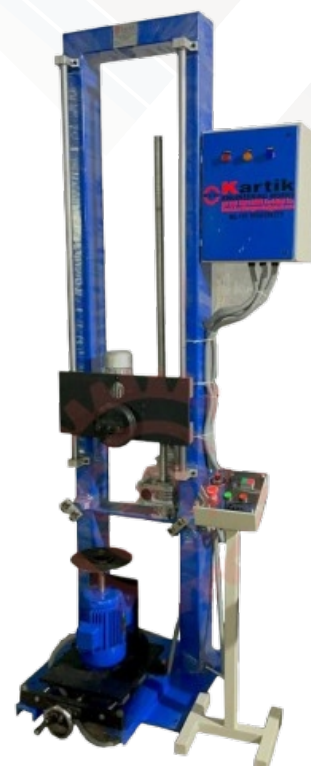


Circual Saw Teeth Cutting Machine

Specification

Details	
Model	TCM400
Power Supply	3.5 HP
Blade Diameter	400x3000 MM
Control PLC	SEMI AUTO
Machine Dimension	2150 X 560 X 660
Total Weight	380 KG

The circular saw teeth cutting machine is an industrial tool designed to cut and sharpen teeth on circular saw blades. It ensures precise and efficient cutting, maintaining the sharpness and functionality of the blades. This machine is essential for woodworking and metalworking industries, providing optimal performance for various cutting tasks.



Hydraulic Press Machine

Specification

Details	
Model	KEW-HP-150/200/300
Power Supply	220/230 V - 3 Phase
Motor	7.5HP/10 Hp
Pillars Diameter	100/110/120 Mm
Oil Tank Capacity	200/300 Ltr
Stroke:	400 Mm
Ejector Force	50 KN
Cylinder Rod Size	150/180/200 MM
Control	Manual Control Panel
Machine Dimension	2750 X1750 X1250
Bed Dimension	650x650/750x750/850x850
Weight / Kg	2500 / 2800 Kg

The technical details are subject to change without notice



Hydraulic Hot Sintering Press Machine

Specification

Details	
Model	KEW – HSM
Power supply	415V ,50Hz,2 Phase
Heating power (KVA)	80/100
Rated current (A)	192
Compression force range (KN)	15-250
Temperature range	0-1000 (thermocouple)400-1200(infrared)
Max Sintering area(include mould) (cm)	120
Storing program	120
Process curve	15
Distance between electrodes (mm)	350
Over all dimension(mm)	1550 x 750 x 2250
Weight (kg)	1600

The technical details are subject to change without notice

Product Description	
One Station Automatic Hot Press Machine With Advanced Technology For Production Of Diamond Segments In Horizontal Loading And Unloading Suitable For Various Kind Of Small Quantity Production.	
Features	
- Temperature Control by Thermocouple or Optionally Pyro scope - Simple Programming by Standard Operating Panel - Automatic Recognition and Change of Sintering Programmes - Compaction System with Guide Bars - Selection Of Different Sintering Programmes, Possible With Programmable Controller	



Hydraulic Resin Pad Machine

Parameter	Specification
Model	KEW-RESIN PAD-RP150 / RP200 / RP300
Machine Type	Fully Automatic 4-Pillar Hydraulic Press for Resin Pad Production
Applications	Diamond Resin Polishing Pads (Wet & Dry), Floor & Stone Polishing Pads
Power Supply	220 / 230 V, 3 Phase
Main Motor	7.5 HP / 10 HP
Control System Advance Feature	PLC Control with Touch Screen HMI / Mobile Operation via Wifi
Operating Mode	Fully Automatic
Pad Pressing System	Single Step and Dual Step Pressing
Mould Operation	Automatic Mould Loading & Ejection
Ejector System	Automatic Push Cylinder for Pad Removal
Pillar Diameter	80 mm / 100 mm / 120 mm
Cylinder Rod Diameter	160 mm / 180 mm / 200 mm
Stroke Length	300 mm
Ejector Force	50 KN
Oil Tank Capacity	250 – 300 LTR
Bed Size	650 × 650 mm / 750 × 750 mm / 850 × 850 mm
Machine Dimensions	2750 × 1750 × 1250 mm
Safety System	emergency stop, limit sensors
Machine Weight	2000 kg / 2800 kg



The Hydraulic Resin Pad Machine is designed for the efficient manufacturing and pressing of resin pads used in diamond tools, grinding and polishing applications. It uses hydraulic pressure to achieve uniform shaping, compacting, and consistent quality, making it suitable for reliable and high-volume industrial production.

3D Dry Powder Mixing Machine Diamond Powder Mixer

Specification	Details
Power Supply	380V, 50 / 60Hz, 3 Phases
Motor Power	1.5 KW
Volume	18-20L / Barrel
Tank Mixed Form	Stainless Steel
Output Speed	28 r / min
Mixing Time	Adjustable (1 second to 100 hours)
Dimensions	850mm * 850mm * 1100mm
Weight	250Kg



The 3D Dry Powder Mixing Machine, also known as a Diamond Powder Mixer, is designed for uniform and efficient blending of diamond powder, abrasive powders, and other dry industrial materials. Its 3D mixing action helps achieve consistent powder distribution and homogeneous mixing, making it ideal for diamond tool manufacturing, abrasive products, grinding wheels, diamond segments, and other precision powder-processing applications. It delivers reliable mixing performance, consistent quality, and efficient operation.

Tension Rolling Of Saw Blades Machine

Specification

Details	
Model	KEW-TMC300
Total Power Absorbed	5.3 kVA
Supply Voltage	3x400 V. 50/60 hZ
Power consumption	3x7.6A
Fuse	15-20
Rolling Diameter	Min 200 – Max 2000 mm
Rolling Force	Max 47 KN
Rolling Speed	12 mm / Min
Dimensions	3200x1100x1160
Weight	1250 KG

The technical details are subject to change without notice

The tension rolling of saw blades machine is used to apply precise tension to the saw blade, ensuring optimal performance and durability. This machine adjusts the blade's tension to maintain uniform strength and prevent deformation during cutting. It is crucial for enhancing the efficiency and longevity of saw blades in various industries.



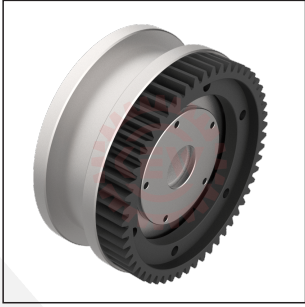
3 Aixs Stone Cutting Machine



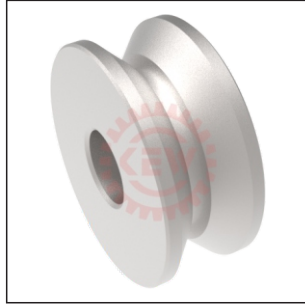
Specification

Blade diameter:	450mm
Cutting size:	3200*2000*100mm
Blade rotating degree:	0-90°
Blade tilting degree:	0-45°
Table lifting degree:	0-85°
Cutting motor power:	20hp
Machine dimensions:	5500x3000x2500mm

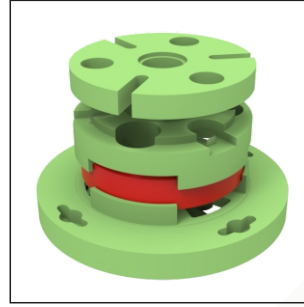
Our Machinery Parts



Gentry Wheel



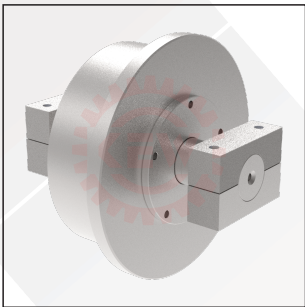
V Trolley



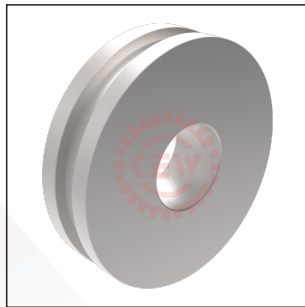
Dish Head



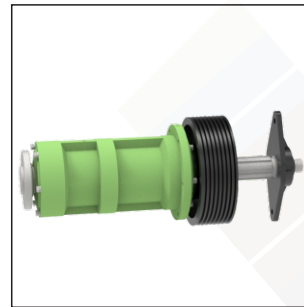
Gang Roller



Plain Trolley
Wheel



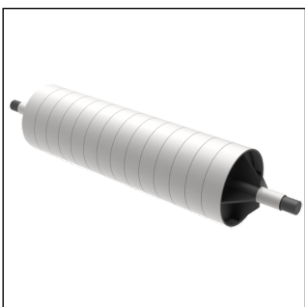
Gentry Pulley



Line Polish
Housing



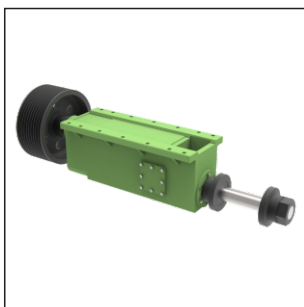
Shaft



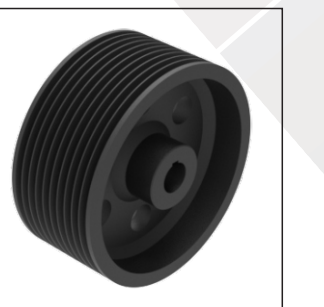
Conveyor
Roller



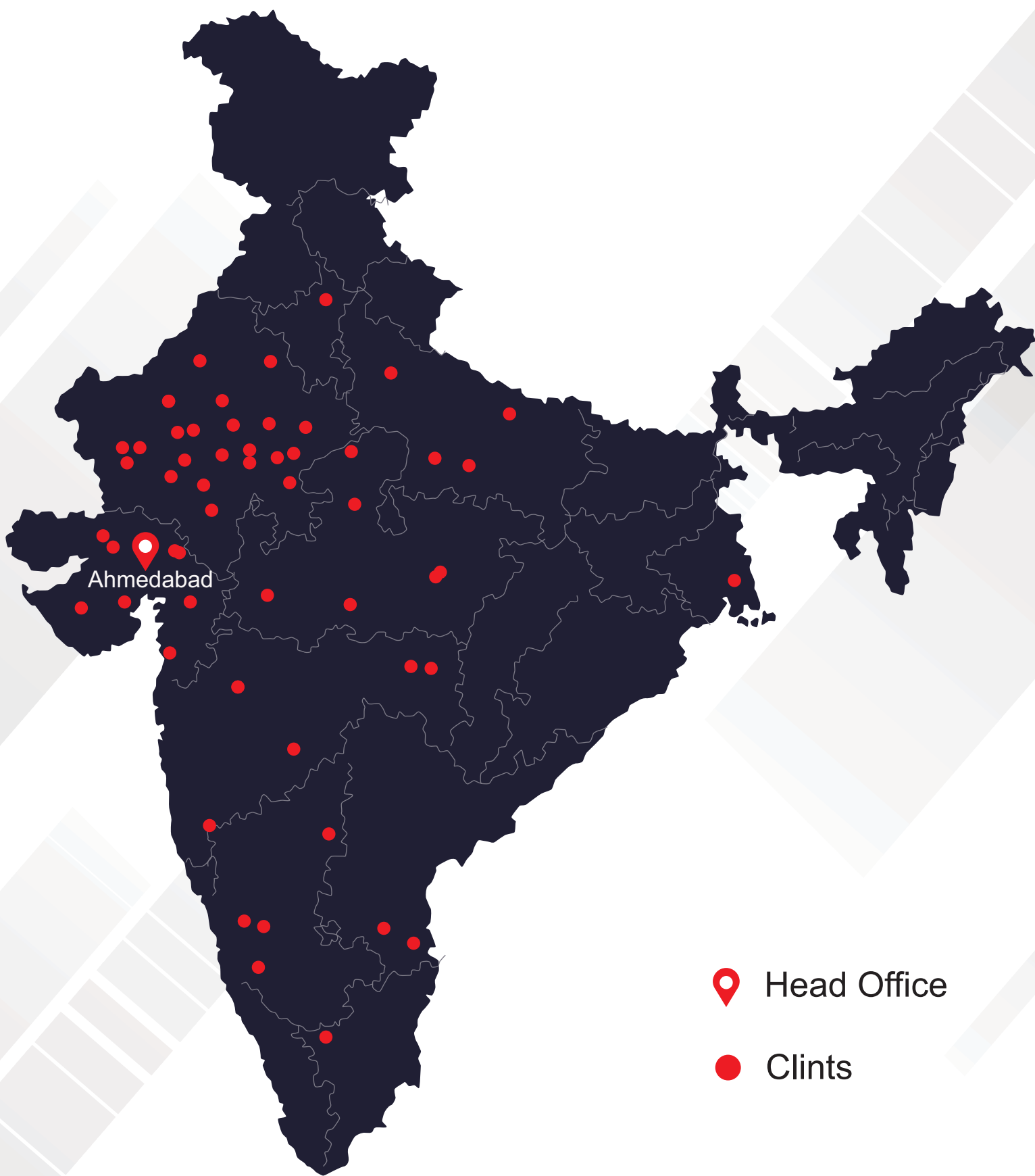
Gear Set



Multi Cutter
Housing



Pulley



 Head Office

 Clints



AHMEDABAD

HEAD OFFICE

Plot No. 561/3, Road No.8, Kathwada GIDC, Kathwada 382430
Ahmedabad (Gujarat)

 +919558156375
+919558596375
 Kartikengworks@gmail.com
 www.kartikengworks.in

