



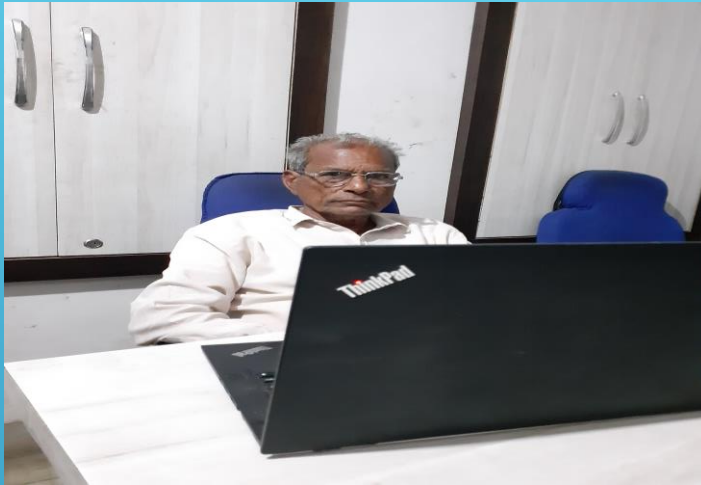
RANKA ENGINEERING COMPANY

Product and Service Catalogue

NH-8, Pasoond, Distt- Rajsamand ,
Rajasthan –INDIA

Visit Us – www.rankaengg.com

Call – 9680335480/8385091880



Established in the year **1994**, our company **Ranka Engineering Company** is engaged in the sphere of manufacturing a wide range of Marble processing Machinery. Under the able guidance of our founder, **Er. S. L. Ranka** , we have created a niche for ourselves.

Ranka Engineering Company is a full setup of workshop in Rajasmand to cater all type of fabrication and breakdown services of equipment's. We have a devoted and capable team of excellent qualified Industrial Engineers with rich industrial experience.

Our team of engineers work accordingly with the clients to understand their requirements and create construction solutions and customized designs.

Our products for engineering works are built in with extra ordinary specialty and durability.

The entire range is tested on various quality parameters to ensure defect free and highly effective conveyors and other equipment to our valued clients. We also provide complete customization to suit the varied requirements of the clients.

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Marble Processing Machineries



Iron Fabrication works



Contractors for heavy industrial design and lathe works

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Wire Rope Hoist

Wire rope hoist is an automatic chain block system, which is run by electric 3-phase motor. It is our product which can be used in various industries for lifting purpose. Wire rope is used instead of chain which is more reliable than chain. It is repairable and has least maintenance.



Model	Capacity(ton)	Used Power (3 Phase)	Lifting Height (feet)
L-001	One	½ h.p.	0-20
L-003	Three	2 h.p.	0-20
L-005	Five	3 h.p.	0-20



Mud Pump

Our valued customers can avail from us superior quality Mud Pump (Slurry Pump). These Mud Pump (Slurry Pump) are appreciated by large number of customers due to high quality and durability. These products are available in market at leading industrial rates. Mud pump is used to discharge marble slurry or any other mud from a tank to another tank or another place.



TECHNICAL SPECIFICATION	
Main motor HP	20 HP. / 1440 RPM
Discharge Capacity	1000 liter/min
Height	0-20 feet



Single Blade Block Dressing Machine

Single Blade Block Dressing Machine, facilitates sawing of marble block in slabs of varying thickness. The structure of machine is made up of two high quality steel columns and a cross beam, to ensure maximum stability during sawing. Sawing is done by a combined mechanical and hydraulic movement transforming the mechanical movement into a hydraulic one to obtain optimal tensioning, precise and regular sawing of block.





Gentry Crane

GANTRY CRANE-TWIN BEAM-TYPE Rational STRUCTURE in box construction reinforcement by stiffening ribs and connected by cross beams. Twin wheel CRANE SLIDING UNITS with double rim steel wheels -CRAB CARRIAGE in steel sections, special Motor through speed reducer coupled up to a grooved steel DRUM

TECHNICAL SPECIFICATION	
Capacity	15-60 Tones
Span of Beam	10-30 Meters
Overhanging Span	3-6 Meters
Lifting Height	5-7 Meters
Lifting Speed	2-3 Meters/Min
Hoist Trolley Transition Speed	7-15 Meters/Min
Crane Transition Speed	7-15 Meters/Min



EOT Crane

Rational structure is of box construction adequately designed and reinforced by stiffening ribs. It is connected with bridge trolley, which is moved by motors, coupled up with speed reducers. The crab carriage is in steel section. It comprises of special crane duty motor, connected to speed reducers and is coupled to a grooved steel drum. Electromagnetic brakes are used to control the smooth lifting of weight. AC drive is also provided (on demand) for smooth operation of long travel

TECHNICAL SPECIFICATION	
Capacity	0.5 Ton to 25 Ton
Span	0.5 Mtrs. To 50 Mtrs.
Lift	0.5 Mtrs. To 35 Mtrs.



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We provides all types of fabrication work. We takes fabrications work like erection work of factory shed, manufacturing of trolleys, water tanks, Lathe work. Ranka Engineering Company has a team of well committed workers who takes the responsibility to finish work at limited work schedule.

Lathe Works



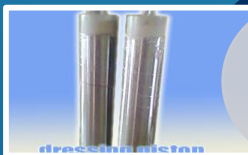
Segment Mixer



Chanel Fabricated Frame



Dressing Piston



MS Gear bodies



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**S.L. Ranka (Founder)**

He has completed his engineering diploma in 1974 from Govt college Udaipur in Mechanical stream. In starting of his career he has served in many industries as a technical advisor and served all across the nation. He has around 40 years of experience in engineering design and manufacturing industries.

His vast technical background help us to achieve superior quality in our works.

**Mahaveer Ranka (Manager)**

He started joining hands with Mr. S.L. Ranka in beginning of year 2000.

He has around 17 years of experience in engineering design and manufacturing industries for marble processing machineries.

**Rakesh Ranka (Supervisor)**

He has completed his engineering diploma in 2012 from Govt college Rajsamand in Electronics stream. Currently working as sales and support manager and helping in supervising support staff

**S.K. Chordia (Technical Advisor)**

He has completed his engineering in year 1997 from Govt college Kota in Mechanical stream. He has around 18 years of experience in metal fabrication industries.