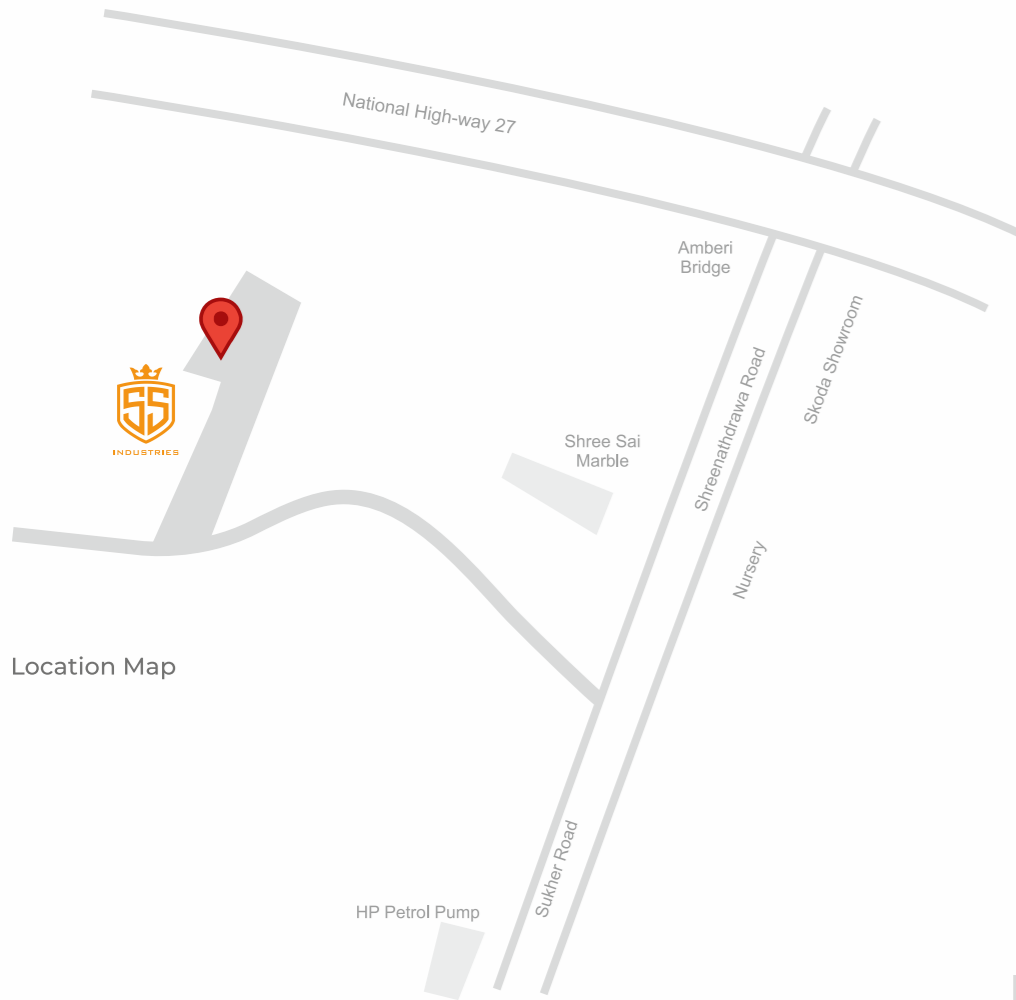




S.S ENGINEERING AND INDUSTRIES

Line Polisher Machine 12/16 Head | Gantry, EOT and Arm Crane | Bridge Cutter Machine
Industrial PEB Shed | Portable Edge Cutting Machine | All Stone Processing Equipments



Location Map

ssengineeringudaipur.com

About Us

S.S ENGINEERING & INDUSTRIES was established in the year 2012 and is one of the INDIA 'S leading Manufacturer, Trader and Supplier of Stone Processing machinery and Material Lifting cranes. We deal in Industrial shed , Gantry Crane , EOT Crane, Arm Crane Line Polisher Machine (16 head and 12 head) Water sedimentation Tank, Automatic And Manual Edge Cutting machine, Trolley Type edge cutting machine, Single pillar block cutter, double disc cutting machine , Wire Saw Machine, etc. Quality is a vital element that is ensured on each machine supplied by us. We have a well-established experienced Technical Team which aims at continuous improvement providing substantial value for the customer. We are having a big network of clients in India as well as overseas market. We stand amongst the most prestigious suppliers in its own field.



**S.S ENGINEERING
AND INDUSTRIES**

▶ LINE POLISHER MACHINE



TECHNICAL SPECIFICATIONS

1	No of heads	12/16
2	Bed width	1300 MM / 2200 MM
3	Polisher head flickered	COMES or OMC make
4	Overall machine dimension	80 Ft by 12 Ft x 10 Ft (L X W X H)
5	Conveyor belt	Saw Tooth Type "Ag Darco" Make
6	Water consumption	25 Liter/Min
7	Pneumatic system	"Camozzi/Janetics/SMC" Make
8	*STANDARD SCOPE OF SUPPLY	<ol style="list-style-type: none"> 1. Loading tilting trolley 2. Feeder roller table 3. Line polisher machine 4. Output side roller table with blower 5. Trimming trolley with edge trimmer 6. Unloading hydraulic tilting trolley 7. Compressor for pneumatic system 8. Dryer and filter



S.S Line Polisher is designed for grinding and polishing of marbles and granite slabs. S.S LPM is equipped with exclusive technology provide top level productivity ,quality, flexibility while reducing consumption, has low maintenance and depreciation. The polishing action is performed by Italian make comes head that drives the abrasive supports in a sequential way with high frequency pendular motion.

▶ INDUSTRIAL PRE FABRICATED SHED



INDUSTRIAL PRE ENGINEERED BUILDINGS

We are the prominent Manufacturer, Exporter and Supplier of PEB Industrial Sheds. Pre Engineered Buildings are different from conventional buildings in ways like speed in delivery erection, flexibility in expansion and withstand severe weather conditions.

We truly comply with all the ISI specifications while designing and manufacturing all our structures which ensure all-out safety and are quite economical as well, as we incorporate quality raw materials and sheets in their making.

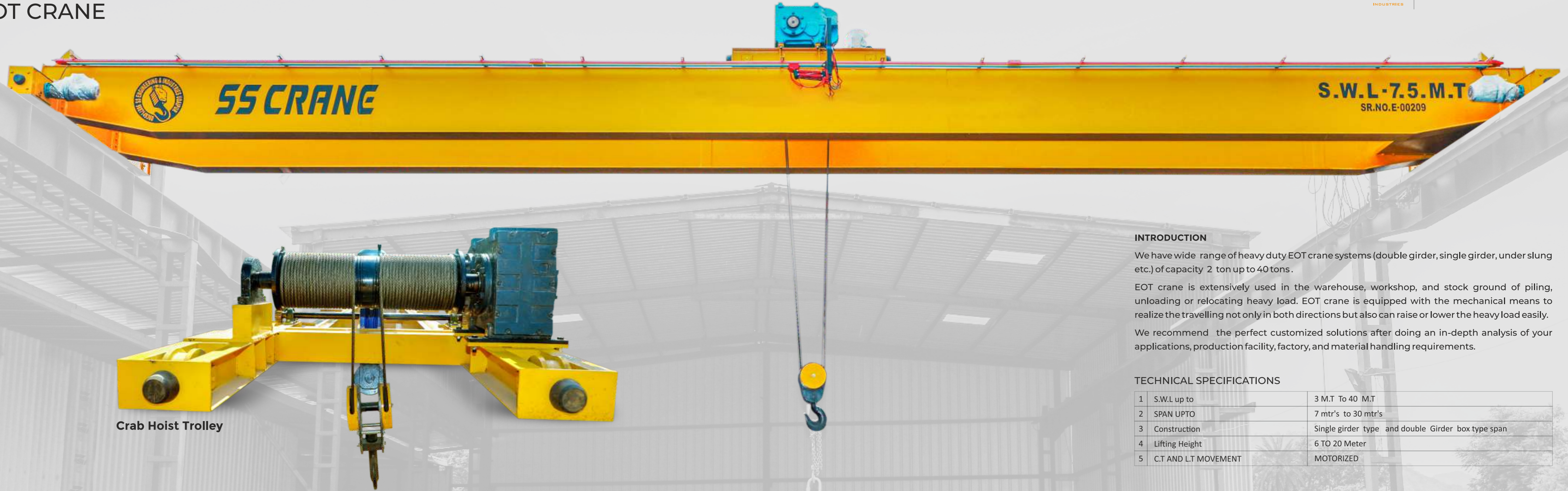
APPLICATIONS

Best used for commercial or industrial purposes, Warehouses, Hangars, Workshops, Factory sheds, Power plants, Multi storied buildings.

FEATURES

- Low cost of construction, easy to maintain, large un-interrupted space.
- fast installation and dismantallation process.
- strong and rigid, long lasting, quality control in check.
- multipurpose in nature, Scope for future expansions.
- Aesthetics of international standard, Seismic resistant.

► **EOT CRANE**



Crab Hoist Trolley

INTRODUCTION

We have wide range of heavy duty EOT crane systems (double girder, single girder, under slung etc.) of capacity 2 ton up to 40 tons.

EOT crane is extensively used in the warehouse, workshop, and stock ground of piling, unloading or relocating heavy load. EOT crane is equipped with the mechanical means to realize the travelling not only in both directions but also can raise or lower the heavy load easily.

We recommend the perfect customized solutions after doing an in-depth analysis of your applications, production facility, factory, and material handling requirements.

TECHNICAL SPECIFICATIONS

1	S.W.L up to	3 M.T To 40 M.T
2	SPAN UPTO	7 mtr's to 30 mtr's
3	Construction	Single girder type and double Girder box type span
4	Lifting Height	6 TO 20 Meter
5	C.T AND L.T MOVEMENT	MOTORIZED

▶ GANTRY CRANE

Gantry crane is the development of overhead crane. It is used to load and unload bulk loads in freight yard outdoor and in stock ground in harbor. Metal structure of the gantry crane is just like gantry frame, two supporting legs are installed below main girder and can move along ground track. There are cantilever beams at each end of the main girder. Gantry crane is widely used in the port and freight yard, featuring high site utilization, big work range, wide adaptability and good generality.



▶ SEDIMENTATION TANK

Steel fabricated water sedimentation tanks ensures crystal clear filtration and recycling of water which is mixed with slurry .hence ensures keeping the environment pollution free, supply of clean water to the machines and enhance fast cutting of stones as well a more production and tool life. It consist of two tanks one is conical tank & other is Cylindrical Tank. The Slurry Sedimentation is done in conical tank and Fresh water Reserves in cylindrical Tank. Both the tanks made from heavy M.S. Plates with leg supports.

TECHNICAL SPECIFICATIONS

1	Diameter and length of cylindrical Tank	3.0 Mtr (Length 11.0 Mtr.)
2	Diameter and length of conical tank	4.50 Mtr. (Length 12.0 Mtr.)
3	Diameter and length of chemical tank	1.2 Mtr (Length 1.00 Mtr)
4	Water capacity of cylindrical tank	Approx 70,000 Ltr.
5	Water capacity of conical tank	Approx 1,50,000 Ltr.
6	Chemical tank with Mixture	200 Ltr. / 2 HP. Motor
7	WATER PUMP MOTOR	40 HP MOTOR (QTY 2 NOS)
8	DOZING PUMP	1 HP MOTOR



▶ ARM CRANE



FEATURES

1. Arm crane is useful where overhead cranes are not effective or practical.
2. It plays vital role in loading of marble slabs at line polisher site, for loading unloading of marble slabs, machines, heavy objects, etc.
3. It has 1 Ton capacity imported chain hoist of reputed company.
4. It has a heavy column of 16 ft. height and boom of 18 ft. length.
5. Arm Crane gives 270° floor coverage allowing unrestricted placement of machinery and equipments.
6. It has pendent remote to operate chain hoist hook up down and forward reverse movement and boom swinging is done by pull push by hand.

TECHNICAL SPECIFICATIONS

1	Lifting Capacity	500 kg to 1000 kg
2	Height of Pillar	4900 MM / 16 Ft.
3	Height of Arm from Ground level	4000 MM / 13 Ft.
4	Length of Arm	5500 MM / 18 Ft.
5	Swing of Arm	270° Front Side
6	Trolley Cross Travel movement	Manual or Motorized
7	Hook UP And DOWN	By Pendent Remote

Electric Chain Hoist Specification:

1	Lifting Capacity	500 kg to 1000 kg
2	Chain hoist Speed	4 Meter/ Min
3	voltage	400 volt, 50 HZ, 3 phase
4	Electric Control	By Pendent switch
5	Chain Length	4 meter
6	Trolley	Manual or motorized

▶ BRIDGE CUTTER MACHINE

FEATURES

1. S.S make bridge cutter is the most advance cutter machine then conventional stone cutter machines.
2. Bridge cutter can cut marbles in z-axis besides x and y axis, allow user to cut between 0° to 90°.
3. It has PLC panel that controls the cutter movement, RPM, cutting angle, cutting sequence etc.
4. It has user friendly software that give user full control of machine.
5. It also decides about the cutter to whether cut in single stroke or by multiple cuts.

TECHNICAL SPECIFICATIONS

1	Cutting Dimensions (LX W)	3500 MM X 1800 MM (11 Ft by 6 Ft)
2	Cutting Thickness	Minimum 45 MM To Maximum 200 MM
3	Cutter X-Y-Z Movement	X-Y Via Helical Rack System & Z Via Ball Screw Mechanism
4	Cutting Operation	Automatic Via PLC Panel



▶ AUTOMATIC PORTABLE EDGE CUTTING MACHINE

AUTOMATIC edge cutting machine is advanced version of manual edge cutting machine. It has automatic cutter feed system which enable it to cut marble slab with a push of a button.

The cutter unit move forward automatically by Gear Motor, then cut the marble slab, automatically move backward and then stops automatically.

It has an Auto Panel, VFD DRIVE to control the speed. It also has an option to operate manually. This machine is portable, durable and value for money.

FEATURES:

1. Easily cut granite ,marble, sand stones, laterite stones . and tiles.
2. Cut Upto 10 ft length, 3 Ft width and thickness Upto 50 mm.
3. Automatic cutter forward reverse movement with adjustable speed.
4. Powered by 7.5 hp, 1440 rpm, three phase, Sq. cage foot mounted motor
5. Planer machined , heavy fabricated, durable structure.



▶ PORTABLE EDGE CUTTING MACHINE



FEATURES:

1. Easily cut Granite, Marble, Sand Stones, laterite stones and tiles.
2. Cut Upto 10 Ft length , 3 ft width and thickness Upto 50 MM.
3. Powered by 7.5 hp, 1440 rpm, three phase, sq cage foot mounted motor.
4. Heavy fabricated, durable structure with zero vibration in cutting.

TECHNICAL SPECIFICATIONS

1	Maximum slab size to be cut	10 FT X 3 FT
2	DIMENSION OF TABLE TOP	3300 X 1000 MM
3	Dimension of Machine(LXBXH)	3500 X 1500 X 2100 MM
4	Motor Power	7.5 HP, 3 PHASE
5	Cutter Feed	MANUAL
6	Average Cutting Speed	90 FT/HOUR
7	Maximum cutting Thickness	50MM

▶ TROLLEY TYPE EDGE CUTTING MACHINE

FEATURES:

1. Easily cut Granite, Marble, Sand stones, laterite stones and tiles.
2. Cut Upto 10 Ft length, 3 Ft width and thickness upto 75 mm.
3. Heavy fabricated, durable structure. platform is moved instead of cutter blade.
4. Cast Iron trolley of size 8 Ft. by 3 Ft. is moved manually by hand on 18 Ft. Rail line.
5. Cutting blade is moved forward backward and up down manually via lead screw movement.
6. Powered by 7.5 hp, 1440 rpm, three phase, sq cage foot mounted motor.



▶ SINGLE PILLAR STONE CUTTING MACHINE

FEATURES

1. Cut marble granite, sand stone, soap stones, laterite stone blocks into thin slabs of required size.
2. Remote operated or by auto panel.
3. Motorized movement for cutter up down and forward backward.
4. Motorized trolley movement. trolley has heavy fabricated structure with top surface machined.
5. Cut block of length 10 ft and 2 ft wide and cutting depth varying from 450 mm to 750 mm (Depending on cutting blade used).

TECHNICAL SPECIFICATIONS

	MODEL NAME	BLADE SIZE	DEPTH CUT	LENGTH X WIDTH
1	SBCM 1.0	900 MM	300 MM	10 Ft. X 2 Ft.
2	SBCM 1.2	1200 MM	450 MM	10 Ft. X 2 Ft.
3	SBCM 1.6	1600 MM	600 MM	10 Ft. X 2.5 Ft.
4	SBCM 1.8	1800 MM	750 MM	10 Ft. BY 3 Ft.



▶ DOUBLE DISC CUTTING MACHINE



FEATURES

1. Double disc cutting machine is used to cut marble tiles of fixed size in single cut.
2. It has two cutting blade each runs on its individual 7.5 HP Motor.
3. It is fully automatic machine with auto panel which controls the cutter blade movement.
4. It has VFD drive which allow cutters blade to cut marble slab at precised speed and then allow them to move backward quickly.

TECHNICAL SPECIFICATIONS

1	Maximum slab cutting size	4 Ft. By 4 Ft.
2	Maximum slab cutting thickness	50 MM
3	Overall dimension of machine	4600 MM X 2500 MM X 2000 MM
4	Motor power	7.5 HP, 1440 RPM Three Phase, 50 HZ
5	Cutter feed	Automatic

▶ BLOCK TROLLEY



Marble Block Trolley



Multi-Wire Trolley



Rotating Trolley

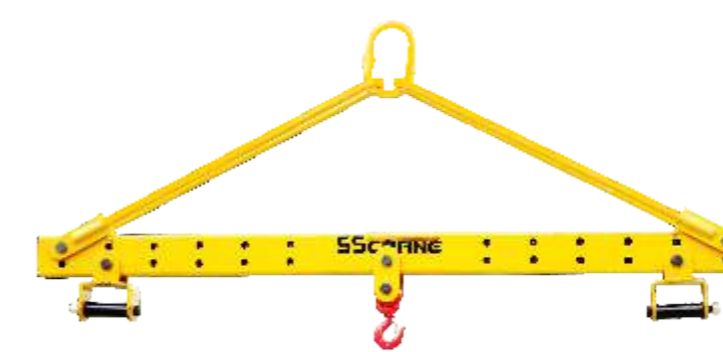
FEATURES

It is used to carry or transport large marble block or slabs from one place to another. It is largely used in Gangsaw machines as block transfer trolley. It is designed to withstand heavy weights of marble block and easily travel from one place to another. it has motorized movement via branded motor and gearbox that drive trolley wheels. It is heavily structured, durable, long lasting and perfectly aligned wheels to rail line.

▶ OTHER STONE INDUSTRIES PRODUCTS



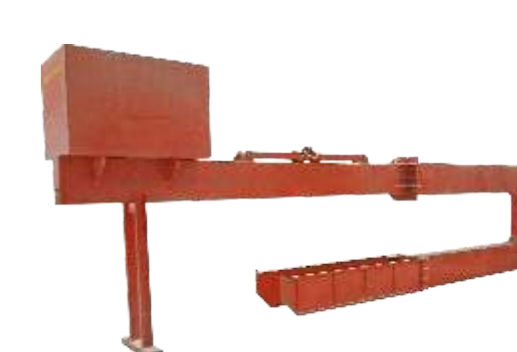
Slab Grab



Slab Hanger

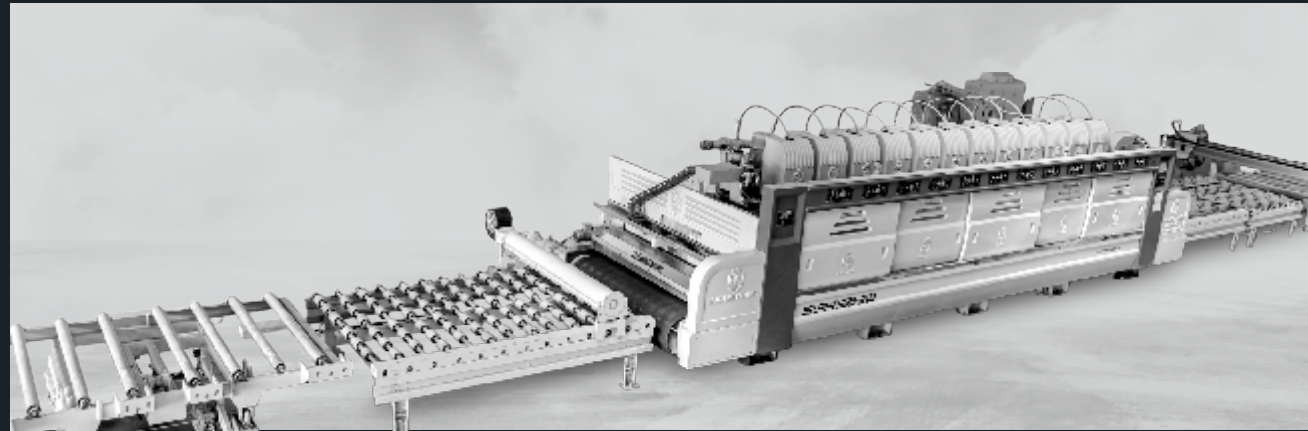


Slurry Pump



Slab Bundle Handler/C-Clamp

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INDUSTRIES

S.S ENGINEERING AND INDUSTRIES

An ISO Certified Company ISO 9001:2015

NH8, Near Amberi, Opp. Nursery, Pratappura Road, Sukher, Udaipur - 313001 (Raj.) India

Contact: +91 98871 49360, 93584 87001 / 02 / 03 / 04

E-mail: ssindustriescos512@gmail.com, info@ssengineeringudaipur.com

 S.S Engineering and Industries, Udaipur

