



We believe in quality product, low maintenance, maximum output...



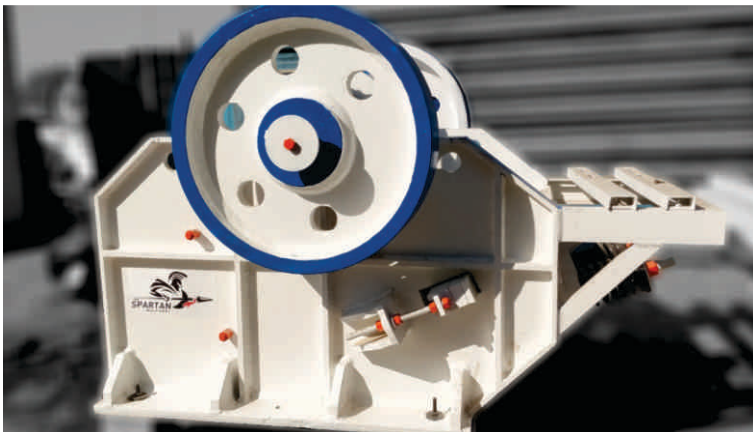
• JAW CRUSHER MACHINE

Jaw crushers are single toggle type and have been designed after studying the day to day problems of crusher owners. They are made for more production, tough & large feed conditions, easy operation, minimum maintenance, and longer life while producing output at lowest cost per ton.

These improve upon existing designs to give the most efficient crushing and optimized performance. The incredibly high output and high reductions are possible because of its deep crushing chamber design with optimized nip angle for smooth material flow. High level of engineering combined with top grade components are the ingredients for reliable and longer life of our machinery.

• BENEFITS & FEATURES :

- Wide and long intake openings to allow larger feed
- Longer life of jaw plate and other components
- Relatively simpler and smaller machine, to save on foundations, components and service cost.
- Deep crushing chamber for higher output
- Optimized nip angle for smooth flow and greater reduction
- Welded and robust construction for high strength and durability for impact loads
- Heavy cast flywheels for smoother operation even under momentary overloads
- Reversible jaws for maximum utilization



Technical Specification of Jaw Crusher

MODEL NO (Size Inch)	FEEDING OPENING SIZE (mm)	MAX FEED SIZE	POWER KW	CAPACITY IN TON/ HOURS ON CLOSE SIDE SETTING IN MM					WEIGHT(TON)
				150mm	100mm	55mm	40mm	20mm	
PRIMARY / SECONDARY CRUSHER									
TSM 24*16	375	340	40-50	90TON	80TON	60TON	55TON	40TON	4.25
TSM 30*20	475	425	50-60	130TON	90TON	60TON	NIL	NIL	9.75
PRIMARY CRUSHER									
TSM 30*24	575	500	60-75	140TON	100TON	NIL	NIL	NIL	11.25
TSM 36*24	575	630	75-100	150TON	125TON	NIL	NIL	NIL	13.5
TSM 36*30	725	750	100-150	180TON	150TON	NIL	NIL	NIL	15.5
TSM 42*32	775	780	150-200	250TON	200TON	NIL	NIL	NIL	19.75
TSM 48*36	875	850	150-275	400TON	350TON	NIL	NIL	NIL	27.50
TSM 60*48	1175	1020	200-400	1000TON	700TON	NIL	NIL	NIL	46
SECONDARY CRUSHER									
TSM 36*08	175	1200	30-40	NIL	100TON	75TON	55TON	40TON	7.5
TSM 42*08	175	120	40-50	NIL	110TON	85TON	65TON	45TON	9.5
TSM 48*10	225	210	60-75	150TON	125TON	100TON	75TON	50TON	12.5
TSM 60*12	275	210	100-125	200TON	180TON	150TON	120TON	100TON	15.5



• VIBRATING SCREENS

One of the leading Vibrating Screen Manufacturers in India offers a range of high quality Vibrating Screen and Industrial Vibrating Screen. We offer our products in different sizes and dimensions as well as based on customized needs of our customers. As a renowned manufacturer of Vibrating Screen in India, we manufacture products with utmost quality and standards using high grade raw materials. Our products are widely applicable in different industries for their assorted applications. We are instrumental in offering high quality Vibrating Screening Machines to our esteemed customers. These machines are commonly used for mechanical screening of variety of material used in various mining and mineral processing and construction industries. Due to their optimum performance and easy maintenance, these machines are highly demanded in the market.

• BENEFITS & FEATURES:

- Lesser cost of installation, due to low feed height
- Modular design with high degree of component inter-changeability
- High operation efficiency due to quick stork adjustment facility by Changing counter weight and rapid mesh-changing feature
- 1-2-3-4 deck configurations set
- Simple adjustments of vibration amplitude by counter weights on flywheels

MODEL NO	LENGTH * WIDTH	NO OF DECKS	MOTOR HP	SCREENING CAPACITY (TPH)
TSM 8	8' * 4'	1-4	7.5	15-20
TSM 10	10' * 4'	1-4	10	20-30
TSM 12	12' * 4*	1-4	12.5	30-40
TSM 14	14' * 5'	1-4	15/20	40-70
TSM 16	16' * 5'	1-4	15/20	70-125
TSM 20	20' * 6'	1-4	25/30	125-200



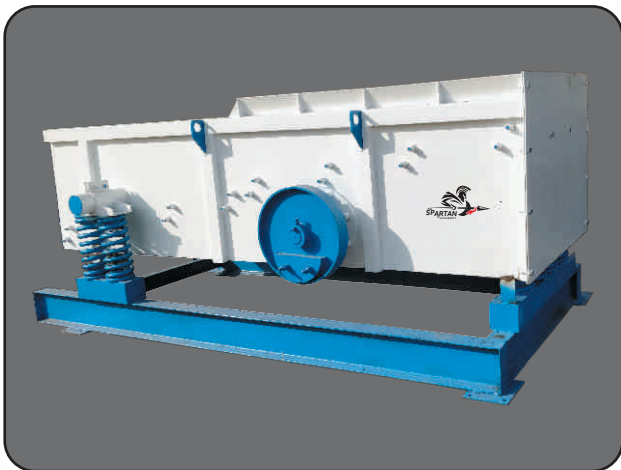
• VIBRATING FEEDER – GRIZZLY FEEDER

The Spartan Machinery expertise in manufacturing and supplying a widespread assortment of Vibratory Feeder. They transport medium to large material flows over conveyor routes of varying length. Even very heavy, highly abrasive materials can be discharged under the most difficult of conditions with the aid of our specially designed vibrating feeders. Offered vibratory feeders are developed with outstanding quality material and current technology. As well, patrons can avail these vibratory feeders from us at competitive prices.

• BENEFITS & FEATURES :

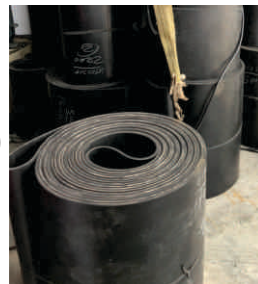
- Dimensional accuracy
- Modular construction and higher feed capacity
- Welded steel body reinforced with heavy joints for impact loads
- Easy to operate
- Unmatched quality

Model no	Size	Capacity ton/hour	Motor HP
TSM 625	6'*2.5'	40-100	7.5
TSM 925	9'*2.5'	60-125	10
TSM 134	13'*4'	125-250	15



• CONVEYOR BELT

- Capacity – 10tph to 500tph
- Belt width – 300,400,500,650,800,900,1000,1200 &1400
- Motor – Siemens, add , havel's make
- Belt – Hindustan brand
- Take – up unite : screw take-up/ Gravity take-up
- Drive arrangement – motor and gear box
"v" belt drive / geared motor



Automatic and Semi-Automatic Press with Heavy Vibration with Hammering System for Hollow Block, Solid Block , Fly Ash Bricks & Interlocking Paver



Sr.no	Product	Size	Pcs/mould	Pcs/hr	Pcs/shift
TSM-118	Fly ash bricks	390×140×190mm	18	3240	25920
TSM-115	Fly ash bricks	(390×190×190mm)	15	2700	21600
TSM-112	Fly ash bricks (with frog)	230*110*75	12	2100	17000
TSM-212	Fly ash brick	190*90*90	12	2100	17000
TSM-110	Zig-zag shape paver block	225*112.5*80	10	1800	14400
TSM-108	I shape paver block	200*165*80	8	1440	11520
TSM-106	Solid concrete block	300*190*150	6	720	5500
TSM-206	Solid concrete block	300*190*100	6	1000	8000
TSM-104	Hollow block	390*190*190	4	720	5760
TSM-310	Fly ash brick (with frog)	230*110*75	10	1800	14400
TSM-106	Hollow brick (light weight)	240*115*90	6	1440	11520
TSM-410	Fly ash brick	190*90*90	10	1800	14400
TSM-306	Zig-zag shape paver block	225*112.5*80	6	900	7200
TSM-406	I shape paver block	200*165*80	6	900	7200
TSM-103	Solid concrete block	300*190*150	3	540	4320
TSM-104	Solid concrete block	300*190*100	4	720	5760
TSM-102	Hollow block	390*190*190	2	360	2880
TSM-210	Fly ash bricks (with frog)	230*110*75	10	1800	14400
TSM-510	Fly ash brick	190*90*90	10	1800	14400
TSM108	Zig-zag shape paver block	225*112.5*80	8	1400	11000
TSM-506	I shape paver block	200*165*80	6	1080	8640
TSM-203	Solid concrete block	300*190*150	3	720	5760
TSM-204	Solid concrete block	300*190*100	4	900	7200

Automatic and Semi-Automatic Press with Heavy Vibration with Hammering System for Hollow Block, Solid Block, Fly Ash Bricks & Interlocking Paver



Automatic heavy duty hydraulic press for bricks & interlocking paver

Sr.no	Product	Size	Pcs/mould	Pcs/hour	Pcs/shift
TSM-010	Fly ash brick (with frog)	230*110*75	10	1800	14400
TSM-H10	Fly ash brick	190*90*90	10	1800	14400
TSM-06	Zig-zag shape paver block	225*112.5*80	6	900	7200
TSM-H06	I shape paver block	200*165*80	6	900	7200
TSM-03	Solid concrete block	300*190*150	3	540	4320
TSM-04	block	300*190*100	4	720	5760

Stationary Concrete Batching Plant – Pan Mixer

TSM-30/45/60 m³/h

MODEL	TSM-30 SP	TSM-45 SP	TSM-60 SP
OUT CAPACITY	30 m ³ /h.	45 m ³ /h.	60 m ³ /h.
HOPPERS	4 X 5.0 m ³	4 X 7.0 m ³	4 X 8.0 m ³
MIXER	PAN TYPE	PAN TYPE	PAN TYPE
BATCH CAPACITY	0.50 CU.M HR	0.75 CU.M HR	1.0 CU.M HR
WATER PUMP	SUBMERSIBLE	SUBMERSIBLE	SUBMERSIBLE
ADDITIVE PUMP	SELF PRIMING	SELF PRIMING	SELF PRIMING
CEMENT BIN	1.5 TONS	2 TONS	2 TONS
DISCHARGE HEIGHT	4 MTRS.		
POWER REQUIRED	64.0 HP	71.0 HP	81.0 HP
POWER SUPPLY	415 V, 50 Hz, 3 PHASE, A.C.		



Stationary Concrete Batching Plant – Twin Shaft Mixer

TSM- 30/45/60 m³/h

MODEL	TSM-30 SP	TSM-45 SP	TSM-60 SP
OUT CAPACITY	30 m ³ /h.	45 m ³ /h.	60 m ³ /h.
HOPPERS	4 X 5.0 m ³	4 X 7.0 m ³	4 X 8.0 m ³
MIXER	TWIN SHAFT TYPE SICOMA MAKE		
BATCH CAPACITY	0.50 CU.M HR	0.75 CU.M HR	1.0 CU.M HR
WATER PUMP	SUBMERSIBLE	SUBMERSIBLE	SUBMERSIBLE
ADDITIVE PUMP	SELF PRIMING	SELF PRIMING	SELF PRIMING
CEMENT BIN	1.5 TONS	2 TONS	2 TONS
DISCHARGE HEIGHT	4 MTRS.		
POWER REQUIRED	71.0 HP	81.0 HP	91.0HP
POWER SUPPLY	415 V, 50 Hz, 3 PHASE, A.C.		



Stationary Concrete Batching Plant – Twin Shaft Mixer

TSM- 30/45/60 m³/h

MODEL	NE-75 STS	NE-90 STS	NE-120 STS
OUT CAPACITY	75 m ³ /h	90 m ³ /h	120 m ³ /h
HOPPERS	4 X 12 m ³	4 X 18 m ³	4 X 20 m ³
MIXER	TWIN SHAFT TYPE SICOMA MAKE		
BATCH CAPACITY	1.5 m ³	0.75 m ³	1.0 m ³
WATER PUMP	SUBMERSIBLE	SUBMERSIBLE	SUBMERSIBLE
ADDITIVE PUMP	SELF PRIMING	SELF PRIMING	SELF PRIMING
CEMENT BIN	2.5 TONS	2 TONS	3 TONS
DISCHARGE HEIGHT	4 MTRS		
POWER REQUIRED	103.0 HP	157.0 HP	261.0 HP
POWER SUPPLY	415 V, 50 Hz, 3 PHASE, A.C.		



• ROLLER CRUSHER

Toothed Double Roll Crushers are used for crushing of friable and brittle materials like Coal, Coke, Sinter (hot and cold), Clay, Earth, Slag, Chalk, Soft Limestone etc. Due to cutting action of the teeth, crushing of material takes place mostly due to shear and not by pressing. Therefore fines generation is bare minimum Gap Adjustment system is such, that during operation, gap can be adjusted along with the spring force. There are two spindles located one inside the other in such a way, that inner spindle tightens or loosens the springs, while outer one changes the position of the roll.

- Heavy Duty Chassis with Legs.
- Yoke for Mounting floating / adjustable roll.
- Upper housing to keep the toothed roll crusher enclosed.



DRUM MIXING PLANT CAPACITY 20-150TPH

• FEATURES AND BENEFITS

- Fully Computerised Plants up to 150 TPH Capacity.
- Mobile and Stationary.
- Wet Type and Bag House Filter Systems.
- Hot Mix Storage Silos.
- Global Presence with Prompt Product Support
- All components used are of top quality.
- Moving and electrical parts are provided with safety covers.
- Ease of lubrication and dismantling has been built into the design for efficient maintenance and repair.
- Fabricated parts are thoroughly cleaned and treated before painting.
- Manufacturing is done with advanced, internationally recognised techniques.



• SAND BAG PACKING PLANT

The Spartan machinery has design fully automatic sand bag packing plant with best quality and as per the requirements the customize can be done, from cleaning to weight measuring and filling the bag.



• CEMENT SILO

- The Spartan machinery Company is one of the leading cement silo manufacturer. We ensure quality check at every stage of production and follow the national norms for production.
- Our sound infrastructure and efficient engineers support us in every phase of project delivery.

• SALIENT FEATURES OF SILOS :

- Good functionality
- Corrosion free
- Durable
- Reliable
- Low maintenance



OUR OTHER PRODUCTS



Sand Screening Machine



Manual
Paver Block Machine



Material Dryer



Hammer Mill

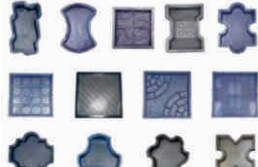


Egg laying Machine

SMALL UNIT OF PAVER BLOCK MACHINE



Vibrator Table



Paver Moulds



Color Mixer



Concrete Mixer

MIXING EQUIPMENTS



Pan Mixer



Muller Mixer



U- Mixer



Twin Shaft Mixer

CRUSHER & CONVEYOR SPARE



Jaw Crusher Fly Wheel



Side Plate Regular Grade



Jaw Plates



Toggle Plates



Bolt, Nut & Spring



Idler Roller & Return Roller



Drum Pulley



Rubber Coating Drum Pulley



Pedestal



SMSR Gear Box

ABOUT US :

THE SPARTAN MACHINERY, Entrenched in the year 2007 is an ISO 9001:2015 certificated manufacturer & exporter of robust and innovative assortment of Construction Material Machines. Awarded as THE BEST EMERGING EXPORTER IN MACHINERY & TOOLS for International Exporters Excellence Awards 2020. Bunched up with Viral Machinery. The Company is equipped with modern workshop machineries and employs skilled labor to manufacture quality equipment. We have supplied more than 200 equipment in the market & satisfied client recognized us as a one of the leading manufacturer of India. Our continuous support to our client help us in expanding our clients.

REASON SELECTING OUR COMPANY?

Serving the industry for more than 12 years with top products, we have been able to survive and flourish in the vigorous competition of the industry. Following features are the explanation that provide us an additional edge over our competitors

- Many Product range with technical specification
- Customization in all the products
- Transparent Business Deals
- Industry best leading Prices
- Best in quality & workshop

Our offered machines have gained huge acclamation in the market for their surpass performance, long service life, excellent control mechanism, easy installation, energy efficiency, tenacious construction and unmatched design.

We Follow high quality standards for a manufacturing unit. We only use industry's top & most reliable products for manufacturing.

We have a modish and ultramodern infrastructures located at Ahmedabad (Gujarat, India) drive us to manufacture these construction machinery with high-utility features. Quality perfection and hassle free delivery are some of the important features that differentiates us from the rest of the market. For the comfort of our customers we accept payments from different modes like online, DD, cash and cheque.

CUSTOMER SATISFACTION

Our well established enterprise is committed towards achieving the complete satisfaction of the customers by following proper business etiquettes. We can customize our construction machines as per the specific requirements and desires of our esteemed customers. At our firm, we accept payments through varied modes in order to facilitate easy transactions. By following a client favored policies, we have built a strong market position. These activities aid us to become the prime choice of the customers among others.

GROUP OF COMPANIES :



COUNTRIES WE HAVE SUPPLIED :



Manufacturing of Construction Machinery & Equipments

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Authorised Dealers