

CRUSHERS



JAW CRUSHER



JAW CRUSHER



ROLL CRUSHER



CONE CRUSHER



CONE CRUSHER



CONE CRUSHER



VSI



PRIMARY HSI



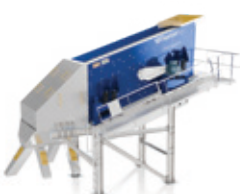
SECONDARY HSI



TERTIARY HSI



HFS



CMS



HMS



SIZER



GRIZZLY FEEDER



GRIZZLY FEEDER



APRON FEEDER



WOBBLER FEEDER

TJ SERIES™

Jaw Crusher

Easy Wedge Adjustment System
It allows quick CSS setting without shim plates. Adjustments are mechanical as standard. A fully automatic hydraulic option for easy CSS settings is also available.

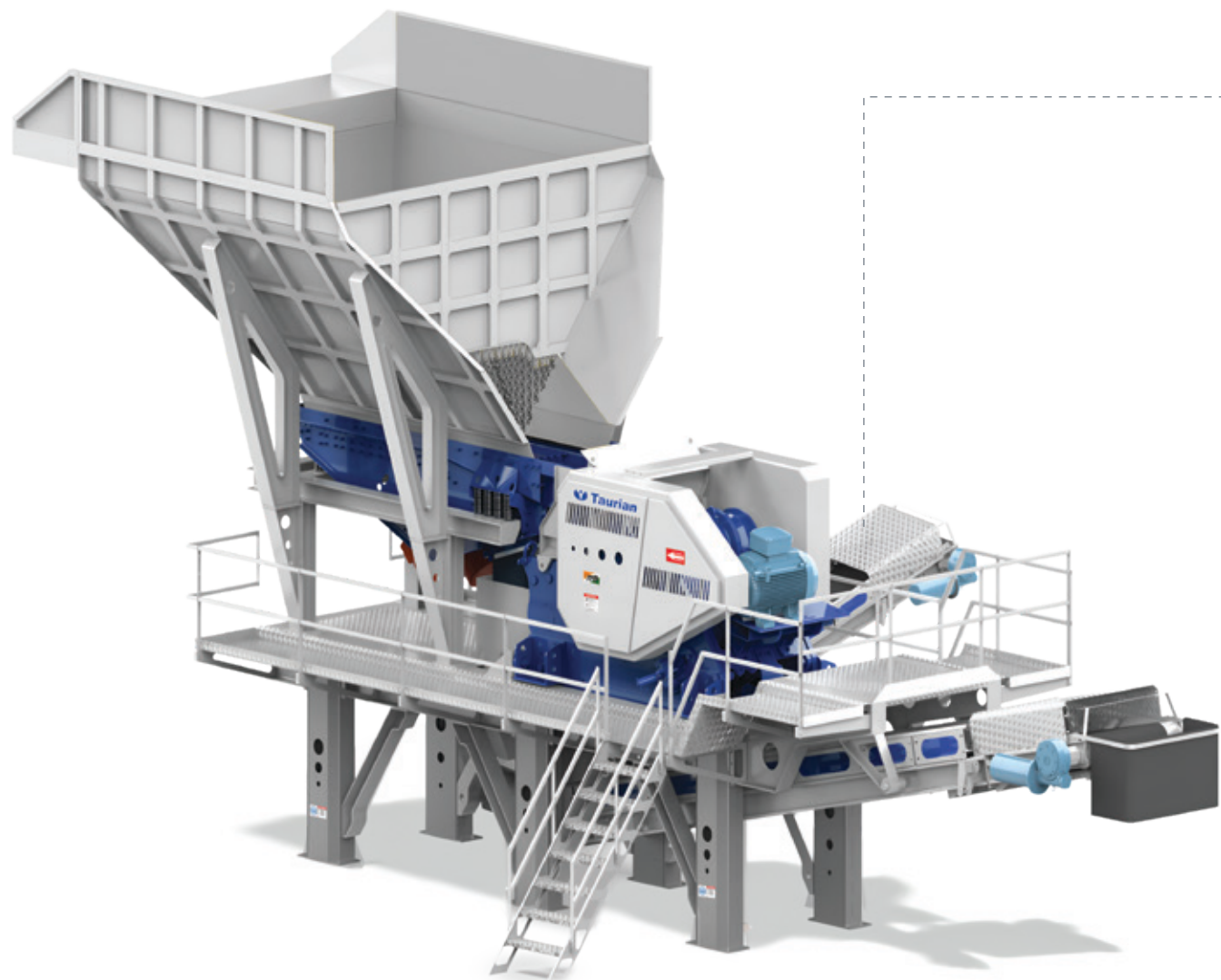
Large Cast Steel Bearings
Large cast steel spherical roller bearings are sealed by a labyrinth.

Protection Plates
Protection plates behind the jaw dies protect the steel castings against wear.

Hardox Lined Feed Chute
It efficiently manages the coarsest materials. Pitman eye protection plate provides additional protection.

Rubber Dampers and Support Brackets
It absorbs all vibrations. No anchor bolts are needed for installations.

Long Ribbed Bi-directional Castings
It provides additional strength and resistance.



Power & Weight

Model	TJ 100	TJ 150	TJ 200	TJ 300	TJ 350	TJ 400	TJ 500
Feed opening	800 x 510 mm	930 x 580 mm	1060 x 700 mm	1150 x 800 mm	1200 x 870 mm	1250 x 950 mm	1400 x 1070 mm
	32 x 20 in	37 x 23 in	42 x 28 in	45 x 32 in	47 x 34 in	49 x 37 in	55 x 42 in
Max feed size	400 mm	464 mm	560 mm	640 mm	696 mm	760 mm	856 mm
Capacity	55-370 TPH	105-430 TPH	150-560 TPH	165-580 TPH	175-595 TPH	245-830 TPH	325-925 TPH
CSS range	40-175 mm	60-175 mm	70-200 mm	70-200 mm	70-175 mm	100-250 mm	125-250 mm
Speed	350 rpm	330 rpm	280 rpm	260 rpm	230 rpm	220 rpm	220 rpm
Motor	75 kW	90 kW	110 kW	132 kW	160 kW	160 kW	200 kW
Weight	9520 kgs	11870 kgs	17050 kgs	21500 kgs	29300 kgs	43910 kgs	54010 kgs



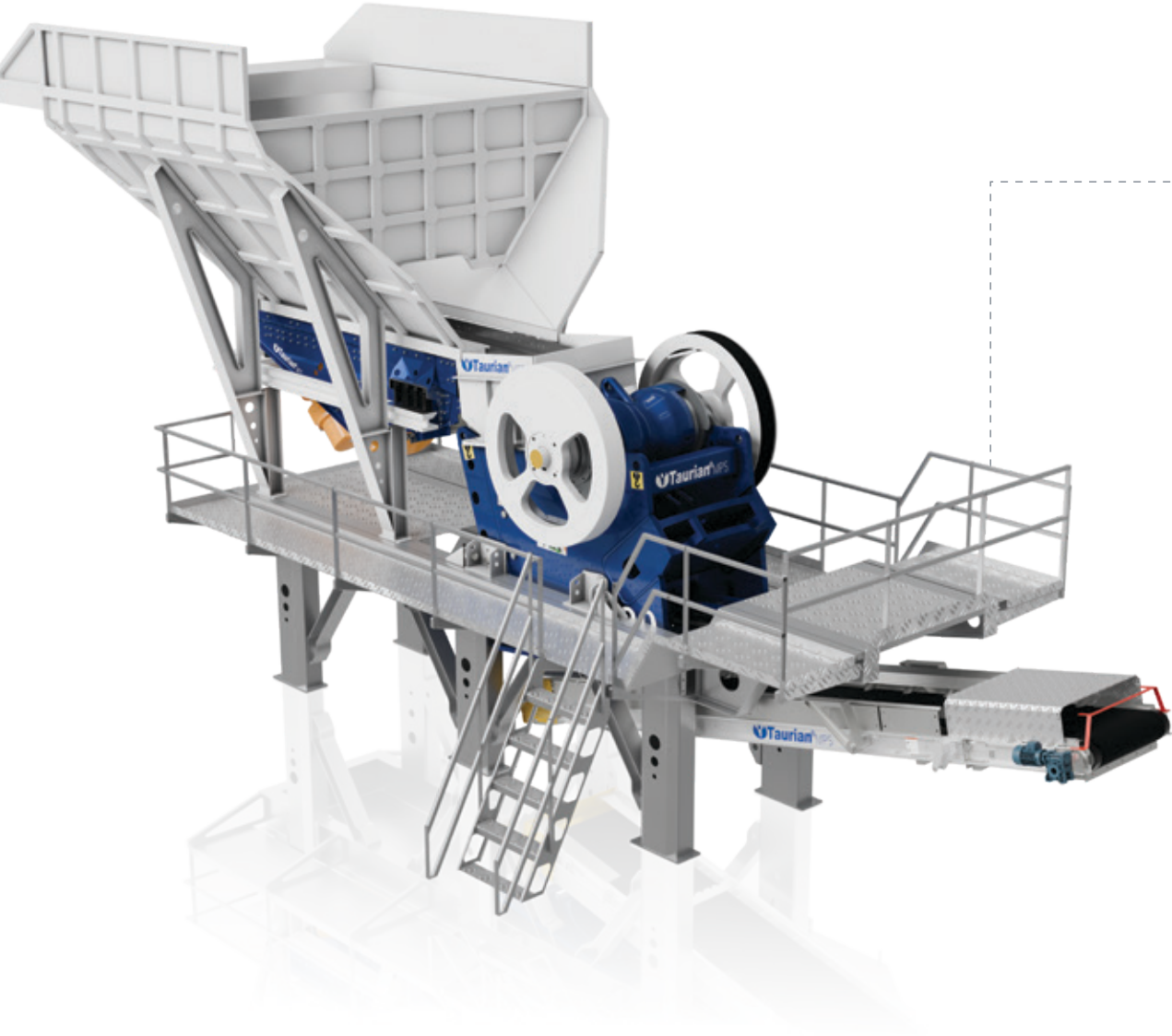
Capacities & CSS

Model		TJ 100	TJ 150	TJ 200	TJ 300	TJ 350	TJ 400	TJ 500
Product size (mm)	CSS (mm)	TPH	TPH	TPH	TPH	TPH	TPH	TPH
0-60	40	60 - 80						
0-75	50	70 - 100						
0-90	60	85 - 115	110 - 140					
0-105	70	100 - 140	130 - 160	155 - 190	165 - 205	180 - 245		
0-120	80	115 - 155	145 - 185	165 - 215	180 - 235	200 - 275		
0-135	90	130 - 180	165 - 205	195 - 240	205 - 255	215 - 310		
0-150	100	145 - 195	180 - 230	211 - 270	225 - 285	240 - 330	250 - 340	
0-185	125	180 - 250	225 - 285	260 - 330	270 - 345	290 - 400	300 - 410	330 - 450
0-225	150	215 - 295	270 - 340	310 - 390	320 - 405	345 - 480	350 - 480	385 - 535
0-260	175	250 - 340	315 - 395	360 - 455	370 - 465	390 - 545	400 - 550	440 - 610
0-300	200			400 - 505	410 - 520		450 - 620	500 - 690
0-340	225						500 - 690	555 - 765
0-375	250						550 - 760	615 - 845

TJF SERIES™

Jaw Crusher

- Monolithic or Welded Frame Structure**
A fully welded frame eliminates stress concentrations at bolt joints. This ensures uniform load distribution across the structure.
- Enhanced Structural Rigidity**
High structural stiffness minimizes frame deflection under crushing loads. This preserves critical jaw alignment and maintains crushing geometry.
- Reduced Maintenance Requirements**
Elimination of bolted joints reduces the need for periodic torque checks and bolt replacements.
- Easy Wedge Adjustment System**
It allows quick CSS setting without shim plates. Adjustments are mechanical as standard. A fully automatic hydraulic option for easy CSS settings is also available
- Protection Plates**
Protection plates behind the jaw dies protect the steel castings against wear.
- Faster Installation and Commissioning**
Factory-welded construction reduces on-site assembly complexity.



Power & Weight

Model	TJF 100	TJF 150	TJF 200	TJF 300	TJF 350	TJF 400	TJF 500
Feed opening	1100 × 700 mm	895 × 660 mm	1045 × 840 mm	1200 × 830 mm	1200 × 1100 mm	1300 × 1130 mm	1500 × 1070 mm
	43 × 27 in	35 × 28 in	41 × 33 in	47 × 33 in	47 × 33 in	51 × 45 in	59 × 42 in
Max feed size	630 mm	600 mm	750 mm	750 mm	990 mm	1070 mm	960 mm
Capacity	110-490 TPH	85-320 TPH	150-565 TPH	165-790 TPH	300-805 TPH	330-960 TPH	385-1085 TPH
CSS range	60-200 mm	50-175 mm	75-225 mm	75-275 mm	125-275 mm	125-300 mm	125-300 mm
Speed	270 rpm	270 rpm	240 rpm	240 rpm	210 rpm	225 rpm	200 rpm
Motor	90 kW	75 kW	110 kW	132 kW	160 kW	160 kW	200 kW
Weight	14300 Kgs	13200 kgs	20600 kgs	25200 kgs	39000 kgs	41500 kgs	53000 kgs



Gujarat | TJF Jaw Crusher



Maharashtra | TJF Jaw Crusher



Uttarakhand | TJF Jaw Crusher

Capacities & CSS

Model		TJF 100	TJF 150	TJF 200	TJF 300	TJF 350	TJF 400	TJF 500
Product size (mm)	CSS (mm)	TPH	TPH	TPH	TPH	TPH	TPH	TPH
0-50	50		85-115					
0-60	60	110-160	95-105					
0-75	75	127-192	100-160	150-200	165-220			
0-100	100	160-250	125-200	200-265	220-290			
0-125	125	195-310	150-235	245-325	270-355	300-395	330-430	385-495
0-150	150	230-370	175-275	295-390	325-430	355-465	385-505	445-590
0-175	175	265-430	200-320	340-445	385-505	405-530	440-575	505-665
0-200	200	300-490		385-505	445-580	455-595	495-650	570-745
0-225	225			430-565	495-650	505-660	550-730	630-825
0-250	250				550-720	560-735	605-810	700-920
0-275	275				605-790	610-805	660-885	765-1000
0-300	300						715-960	825-1085

CG SERIES™

Cone Crusher

Singular Piston Cup Design

250-bar piston cup ensures responsive control.
Low maintenance design enhances efficiency.
Optimized crushing performance for superior results.

Robust Main Frame Casting Design

One-piece mainframe with 700 MPa steel castings for superior integrity.
20% stronger than multi-piece frames.
10% reduction in maintenance needs.

Adjustable Stroke Lengths

Optimized Choke Feeding
Enhanced Product Shape
Reduced Energy Consumption
Decreased Recirculation Load

Floating Shaft Benefits

Shaft supported at both top and bottom for stability.
Ideal for high-durability, reliable applications.

Comprehensive Selection of Cavity Profiles

Offers 9 cavity profiles from extra fine to extra coarse.
Liners support secondary, tertiary, and quaternary crushing stages.



Uttarakhand | CG Cone



Rajasthan | CG Cone

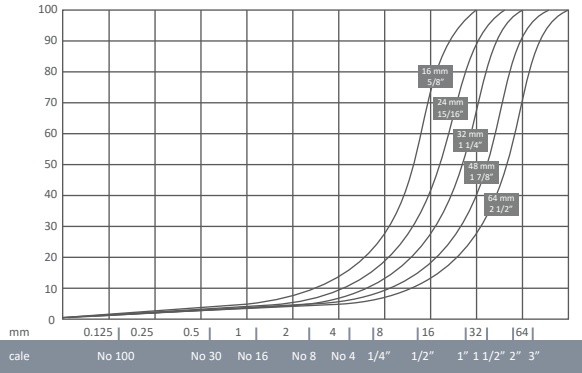
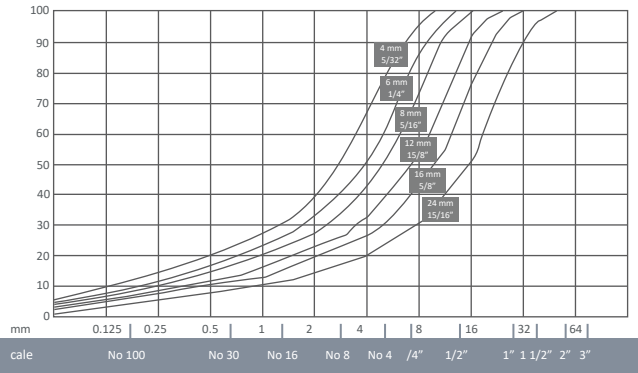


Rajasthan | CG Cone



Maharashtra | CG Cone

Indicative Gradation Curves



Technical Specification

Model	Feed Opening (mm)	Stroke Options	Approximate TPH at Close Side Setting (CSS)										Motor	Weight	
			8 mm*	10 mm*	15 mm	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm			
CG 100	EF 40	16	40-50	45-55	60-70	80-90	85-95						75-90 kW	5800 kgs	
	F 50														
	MF 100	20	50-55	50-60	70-80	95-105									
	M 130														
	C 150	25		55-65	75-90	105-120									
CG 150	M 200	16				80-90	105-115	120-130	135-145	145-165	155-175		75-90 kW	7350 kgs	
	C 250	20					120-130	145-155	160-180	170-200	185-215				
		25						185-195	200-220	210-230					
CG 200	EF 40	20	80-100	85-105	105-125	120-145	150-170	170-190					130-160 kW	10700 kgs	
	F 80	25		100-120	130-150	160-180	180-210								
	M 120														
	C 200	30			160-180	190-210	210-230								
CG 260	EF 40	18	70-90	90-105	105-120	120-140	150-170	170-190	180-200				130-200 kW	10200 kgs	
	F 70														
	MF 100	25		110-130	125-150	150-170	170-190	190-210	200-230						
	M 130														
	C 180	32			150-170	170-190	190-220	210-230	230-260						
	EC 260	40				200-230	220-250	230-260							
CG 300	EF 40	25	100-120	110-130	135-155	160-180	190-210	210-235	240-260				200-250 kW	13400 kgs	
	F 60														
	MF 100	32	110-130	120-150	165-195	195-225	230-260	265-295	300-330						
	M 130														
	C 180														
	EC 260	40		150-170	205-235	245-275	290-320	325-355							
CG 350													132-250 kW	16200 kgs	
	C 280	18					170-190	170-210	190-230	210-255	235-275	255-295			
		25							220-270	225-315	290-345	320-350			330-350
	EC 380	32								360-400	380-420	400-440			
		40								450-500	480-530				
CG 500	EF 40	25		140-160	160-180	190-210	240-260	270-290	310-330	350-370			250-355 kW	26500 kgs	
	F 90														
	MF 130														
	M 180	32			230-250	270-290	310-330	340-370	380-410	430-450					
	C 220														
	EC 280														
	EC-S 300	36			290-310	320-340	380-410	430-460	480-510						

*For Softer Material

CB SERIES™

Cone Crusher

Minimized Kinematic Friction for Increased Mechanical Efficiency

Roller bearings enable low-friction rolling contact. Improved energy efficiency enhances performance.

Swift CSS Adjustment and Unblocking

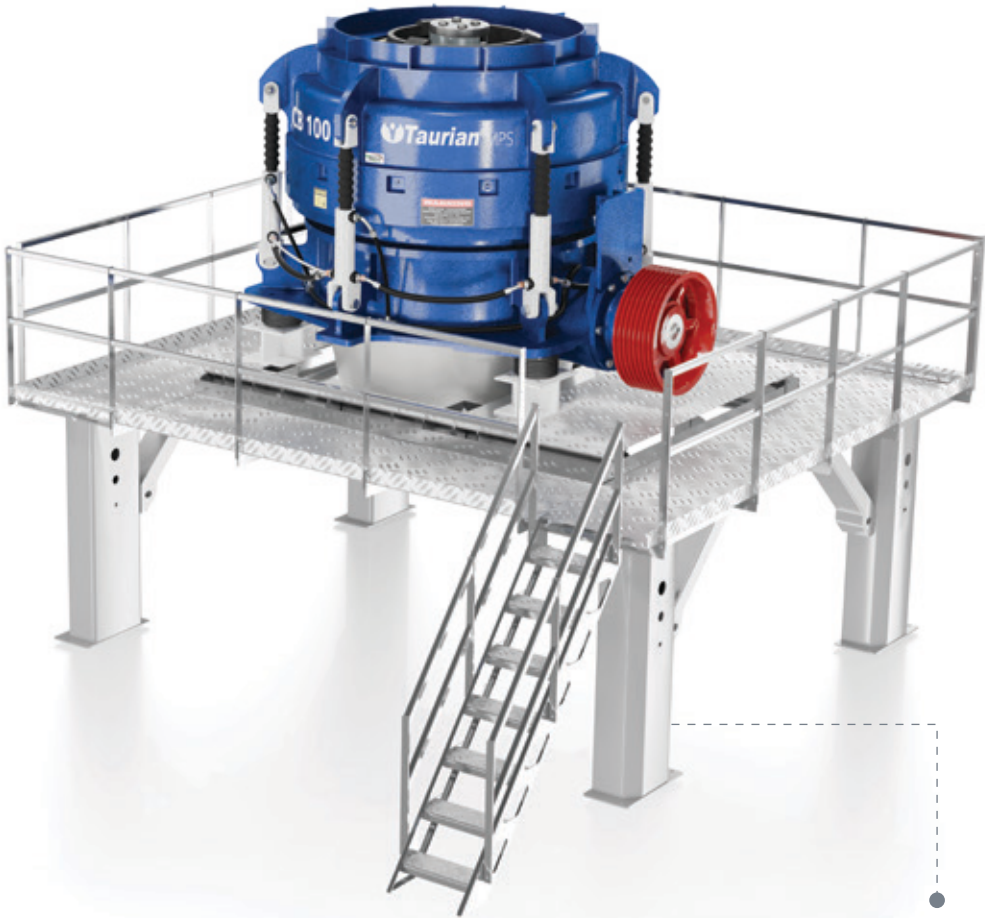
Push-button hydraulic cylinders allow quick adjustments. Fast unblocking ensures minimal downtime. Supports efficient and continuous operation.

Hydraulic Relief Cylinders

Hydraulic relief cylinders absorb pressure spikes. Tramp material passes safely without crusher damage.

Increased RPM for Higher Throughput

Roller bearings reduce friction for higher speeds. Optimized material flow enhances energy efficiency.



Maharashtra | CB Cone



Maharashtra | CB Cone



Rajasthan | CB Cone

Technical Specification

Model	CB 200 <i>Short Throw</i>	CB 200 <i>Long Throw</i>	CB 300 <i>Standard</i>
Feed opening	M 170 mm EC 205 mm	M 170 mm EC 205 mm	230 mm
Feed size	M 160 mm EC 195 mm	M 160 mm EC 195 mm	220 mm
Capacity	90-180 TPH	125-190 TPH	220-320 TPH
CSS range	16 -32 mm	16 -32 mm	22-32 mm
Motor	160 kW	170 kW	225 kW
Weight	10000 kgs	10000 kgs	22000 kgs

CSS and Capacities Fines Chamber

Model	CSS	CB 200 <i>Short Throw</i>	CB 200 <i>Long Throw</i>	CB 300 <i>Standard</i>
Feed size		63 mm	63 mm	63 mm
Capacity	13 mm	70-100	85-120	165-185
	16 mm	80-110	95-130	180-200
	19 mm	85-125	100-150	195-220
	22 mm			210-240

CSS and Capacities Standard Chamber

Model	CSS	CB 200 M.C <i>Short Throw</i>	CB 200 X.C <i>Short Throw</i>	CB 200 M.C <i>Long Throw</i>	CB 200 X.C <i>Long Throw</i>	CB 300 <i>Standard</i>
Feed size		160 mm	195 mm	160 mm	195 mm	220 mm
Capacity	13 mm					
	16 mm	90-110				
	19 mm	105-120	105-120	125-145		
	22 mm	115-140	115-140	140-170	140-180	220-255
	25 mm	120-150	135-160	145-180	165-195	235-275
	28 mm	130-160	145-170	155-190	175-205	250-295
	32 mm		150-180		180-220	260-320

CM SERIES™

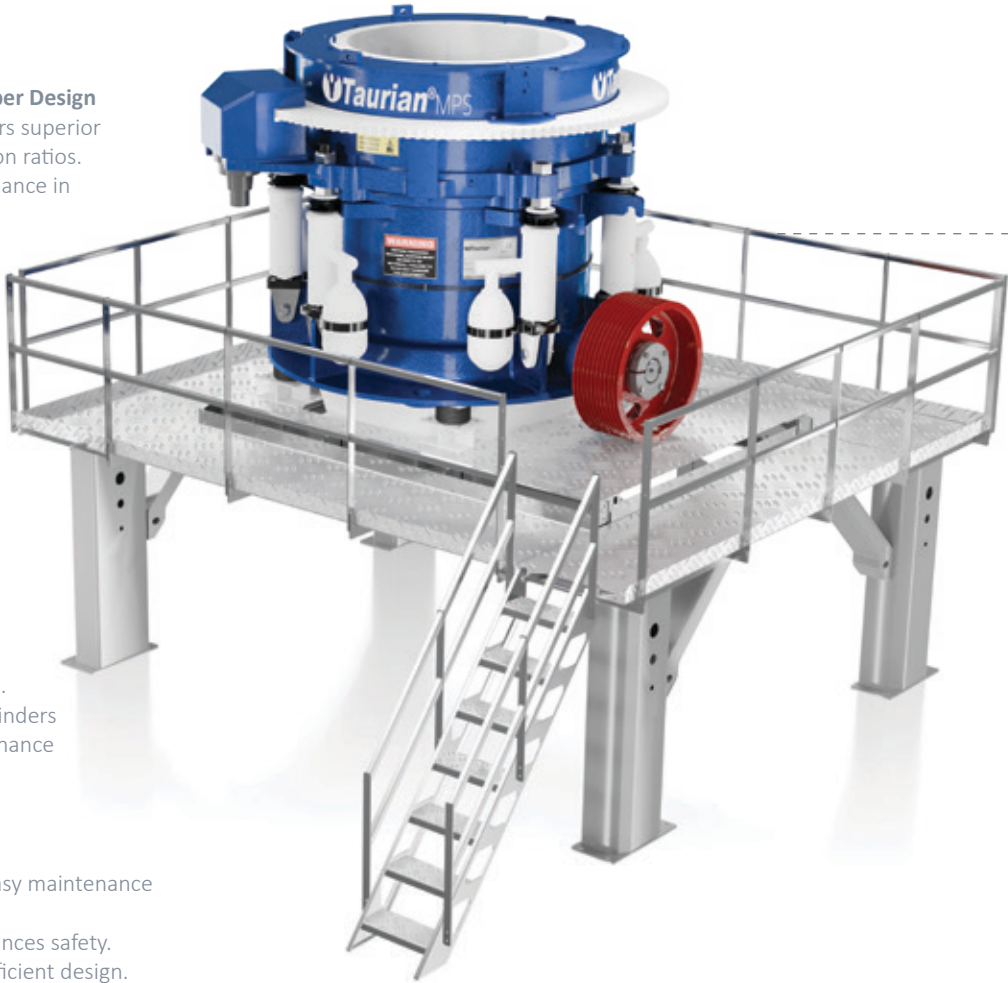
Cone Crusher

Application Flexibility
CM Series™ offers high capacity and versatility.
Reliable performance across diverse applications.

Enhanced Crushing Chamber Design
Optimized geometry delivers superior product shape and reduction ratios.
Ensures consistent performance in demanding applications.

Tramp Relief
Instant overload protection.
Double-acting hydraulic cylinders
Top-access for easy maintenance

Less Downtime
Hydraulic motor enables easy maintenance and quick liner changes.
Tramp-release system enhances safety.
Boosts productivity with efficient design.



Bengaluru | CM Cone

Capacity Chart

Model	CM 100	CM 200	CM 300	CM 400	CM 500	CM 800
CSS	TPH	TPH	TPH	TPH	TPH	TPH
6 mm	45-55					
8 mm	50-60					
10 mm	55-70	90-120	115-140	140-175	175-220	260-335
13 mm	60-80	120-150	150-185	185-230	230-290	325-425
16 mm	70-90	140-180	140-180	225-280	280-350	385-500
19 mm	75-95	150-190	200-240	255-320	320-400	435-545
22 mm	80-100	160-200	220-260	275-345	345-430	470-600
25 mm	85-110	170-220	230-280	295-370	365-455	495-730
32 mm	100-140	190-235	250-320	325-430	405-535	545-800
38 mm		210-250	300-380	360-490	445-605	600-950
45 mm			350-440	410-560	510-700	690-1050
51 mm				465-630	580-790	785-1200

Technical Specification

Model	CM 100	CM 200	CM 300	CM 400	CM 500	CM 800
Feed opening	150 mm	185 mm	241 mm	304 mm	351 mm	356 mm
Feed size	120 mm	148 mm	193 mm	243 mm	281 mm	285 mm
Capacity	45-140 TPH	90-250 TPH	150-440 TPH	140-630 TPH	175-790 TPH	260-1200 TPH
CSS range	6-32 mm	10-38 mm	10-45 mm	10-51 mm	10-51 mm	10-51 mm
Motor	90 kW	132 kW	200 kW	315 kW	355 kW	600 kW
Weight	5400 kgs	10400 kgs	15810 kgs	23000 kgs	33150 kgs	68650 kgs

T SERIES™

Vertical Shaft Impactor

- Ease of Maintenance**

Roof lifter gives rapid access to the inside of the crusher meaning minimum time is required to carry out servicing and maintenance tasks
- Quick Component Replacement**

Simple feed tube replacement with automatic realignment after crusher servicing and rotor replacement
- Enhanced Bearing Protection**

Robust sealed shaft line assembly ensures longer bearing cartridge life
- Instant Service Access**

Quick access through inspection and service door allows instant parts replacement
- Compact Installation Design**

Low profile allows installation into tight fitting existing plant situations
- Improved Serviceability**

Large feed hopper gives room for staff to work in when servicing the crusher

- Precise Material Flow Control**

Visual indication of cascade control gate position which allows for precise control of material flow
- Operator-Controlled Cascade Flow**

Adjustable cascade ports allow operator to control cascade flow
- Feed Flow Optimization**

Adjustable spreader plate angle and height controls the flow of feed

Dimensions and Capacities

Model	Light T-Series VSI		
	T 75	T 110	T 150
Max feed size	25-27 mm	25-27 mm	25-27 mm
Rotor diameter	690 mm		
Rotor speed	1500-2500 rpm		
Motor	1 x 75 kW	1 x 110 kW	1 x 150 kW
Weight	6371 kgs	6371 kgs	6371 kgs
	Capacity (TPH)		
	T 75	T 110	T 150
General crushing	60-103	66-168	100-217
Shaping	60-103	66-168	100-217
Fines	60-92	66-151	100-193



Model	Heavy T-Series VSI		
	T 185	T 220	T 320
Max feed size	37-40 mm	37-40 mm	37-40 mm
Rotor diameter	880 mm		
Rotor speed	1100-2100 rpm		
Motor	1 x 185 kW	1 x 220 kW	2 x 160 kW
Weight	12395 kgs	12395 kgs	12395 kgs
	Capacity (TPH)		
	T 185	T 220	T 320
General crushing	125-298	150-378	200-545
Shaping	125-298	150-378	200-545
Fines	125-265	150-332	200-465

Model	Mega T-Series VSI		
	T 370	T 440	T 600
Max feed size	45-55 mm	45-55 mm	45-55 mm
Rotor diameter	990 mm		
Rotor speed	1000-1800 rpm		
Motor	2 x 185 kW	2 x 220 kW	2 x 300 kW
Weight	14357 kgs	14357 kgs	14357 kgs
	Capacity (TPH)		
	T 370	T 440	T 600
General crushing	263-629	315-725	420-775
Shaping	263-629	315-725	420-775
Fines	263-554	315-725	420-775

TI SERIES™

Primary Horizontal Shaft Impactor

Robust Main Frame

Fabricated from thick, high-strength steel to withstand intense impact forces and heavy-duty applications.

Replaceable Blow Bars

Interchangeable bars available in multiple metallurgy options (martensitic, chrome, ceramic) for versatile material compatibility and extended wear life.

Large Feed Opening

Accommodates large input sizes, reducing the need for pre-processing and enhancing feed consistency.

Integrated Curtain Liners

Designed to protect the housing and improve wear life of the machine with bolt-on, easily replaceable liners.

Optional Third Crushing Plate

Controls top product size in open circuit operation, allowing tighter gradation control.

Heat-Treated, Dynamically Balanced Rotor

Heavy-duty, wear-resistant rotor built for long life and high inertia—ensures maximum impact force for efficient reduction.

Hydraulically Opening Crushing Chamber

Fast and convenient access to internal components for inspection, blow bar replacement, and maintenance tasks.

Hydraulic-Assisted Breaker Plate Adjustment

Enables easy, safe, and precise gap control to regulate product size and optimize performance without manual effort.



Exhibition | Primary HSI

Technical Specification

Model	TI 1111P	TI 1012P	TI 1114P	TI 1313P	TI 1515P	TI 1620P
Feed opening	1140 x 950 mm	1140 x 840 mm	1410 x 950 mm	1340 x 1000 mm	1540 x 920 mm	2040 x 1400 mm
Max feed size	600 mm	600 mm	600 mm	900 mm	850 mm	1300 mm
Capacity	150 -200 TPH	150 -200 TPH	250 -350 TPH	300 -500 TPH	400 -600 TPH	600 -950 TPH
Rotor diameter	1100 mm	1100 mm	1100 mm	1300 mm	1500 mm	1600 mm
Rotor width	1100 mm	1100 mm	1400 mm	1300 mm	1500 mm	2000 mm
Power	160 kW	160 kW	200 kW	250 kW	315 kW	2 x 250 kW
Weight	15100 kgs	13150 kgs	16800 kgs	22400 kgs	26800 kgs	40500 kgs

TI SERIES™

Secondary Horizontal Shaft Impactor

Primary Breaker Plate Hydraulic Adjustment
Hydraulic assist system for quick setting control and overload protection.

Heavy-Duty Primary Breaker Plate
Cast manganese primary impact plate for strong first-stage reduction.

Heavy-Duty 4-Bar Rotor
Cast steel 4-bar rotor built for high impact force, stable crushing, and consistent output.

Secondary Breaker Plate Hydraulic Adjustment
Hydraulic assist cylinders support quick setting control and overload protection.

Heavy-Duty Secondary Breaker Plate
Cast manganese secondary breaker plate with replaceable bolt-on wear-resistant tip liner.

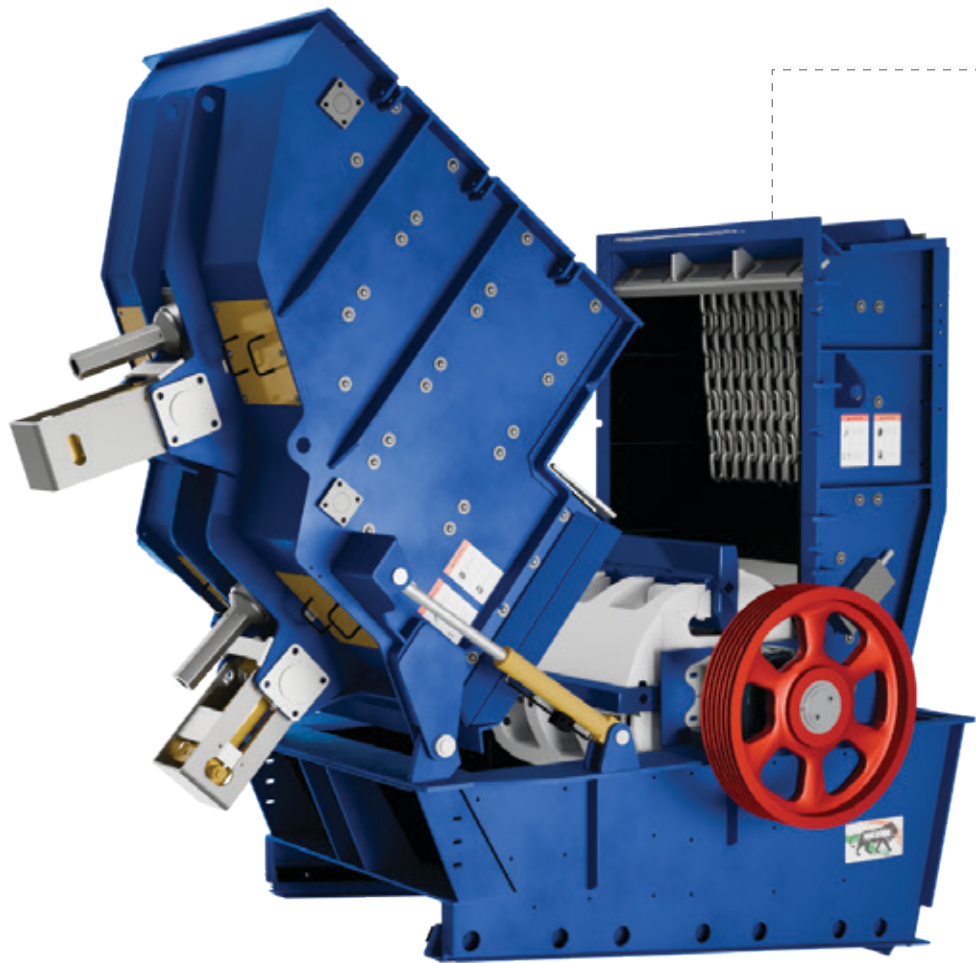
Heavy-Duty Rotor Shaft Assembly
Robust rotor shaft with heavy-duty self-aligning spherical roller bearings for reliable operation.

Martensitic Blow Bars
Rotor fitted with martensitic blow bars for high impact strength, wear resistance, and long service life.

Individual Inlet Curtains
Easy-to-remove inlet curtains with heavy linked chain arrangement for better material control.

Replaceable Side Wall Liners
Bolt-on wear-resistant liner plates protect side walls and simplify replacement.

Fully Lined Feed Chute
Feed chute lined with replaceable wear plates for longer service life in high-impact zones.



Technical Specification

Model	TI 1011S
Inlet opening (mm)	1130 x 800
Max feed size (mm)	450
Max throughput capacity (mtph)	100–150
Rotor diameter (mm)	1040
Rotor width	1100
Rotor speed range (m.s-1)	27-44
Power (kW)	132
Basic crusher weight (kg)	9940

TI SERIES™

Tertiary Horizontal Shaft Impactor

Hydraulic-Assisted Breaker Plate Adjustment
Simple and easy hydraulic assisted gap adjustment provides absolute gap settings using a minimum amount of components.

High Reduction Capability
Specially engineered rotor and crushing chamber design enable maximum reduction ratios, ensuring superior fines generation and optimized output gradation for demanding tertiary crushing applications.

Consistent Cubical Output
Produces high-quality, cubical aggregates with low flakiness index, making it ideal for concrete, asphalt, and manufactured sand production where particle shape consistency is critical.

Hydraulic Curtain Adjustment
Equipped with hydraulic systems for easy adjustment of impact curtains, allowing precise control over product size and minimizing downtime during operational setting changes.

Wear-Resistant Blow Bars
High-chrome, ceramic, or composite blow bars offer extended wear life, reduced replacement frequency, and improved crushing efficiency across varying feed materials and applications.

Replaceable Liners
Chamber liners are made from abrasion-resistant materials, designed for quick replacement and lower maintenance costs while maximizing machine availability and uptime.

Ease of Access for Maintenance
Large inspection doors and hydraulic opening mechanisms simplify access to internal components, enabling faster servicing and reduced downtime.

Tramp Iron Protection
Safety mechanisms prevent damage from uncrushable materials, protecting both rotor and wear components from sudden impact failures.



Factory | Tertiary HSI

Technical Specification

Model	TI 1105T	TI 1110T	TI 1115T	TI 1307T	TI 1314T
Feed opening	520 x 310 mm	1020 x 310 mm	1520 x 310 mm	690 x 210 mm	1390 x 210 mm
Max feed size	150 mm	150 mm	150 mm	90 mm	120 mm
Capacity	100 -120 TPH	220 -250 TPH	280-320 TPH	100-120 TPH	220-250 TPH
Rotor diameter	1100 mm	1100 mm	1100 mm	1286 mm	1286 mm
Rotor width	500 mm	1000 mm	1500 mm	655 mm	1355 mm
Power	110 kW	200-250 kW	315 kW	90-132 kW	160-250 kW
Weight	8750 kgs	14000 kgs	17470 kgs	8400 kgs	13480 kgs