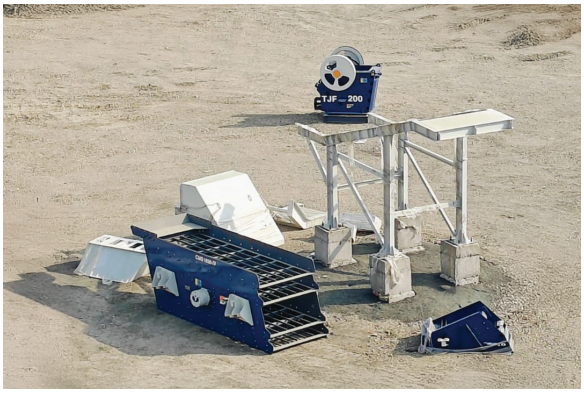
Taurian® MPS

# CRUSHERS



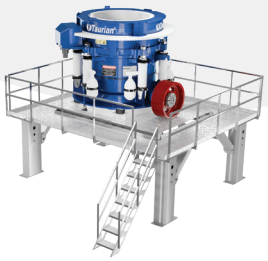

JAW CRUSHER

JAW CRUSHER

ROLL CRUSHER

CONE CRUSHER

CONE CRUSHER



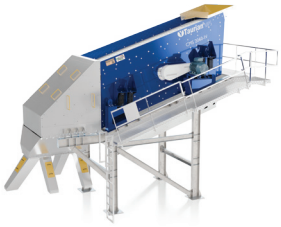
CONE CRUSHER

VSI

PRIMARY HSI

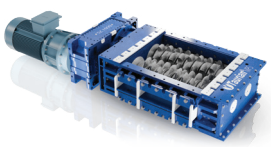
TERTIARY HSI

HFS



CMS

HMS



SIZER

GRIZZLY FEEDER


GRIZZLY FEEDER

# TJ SERIES™
## Jaw Crusher (Bolted Body)

**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

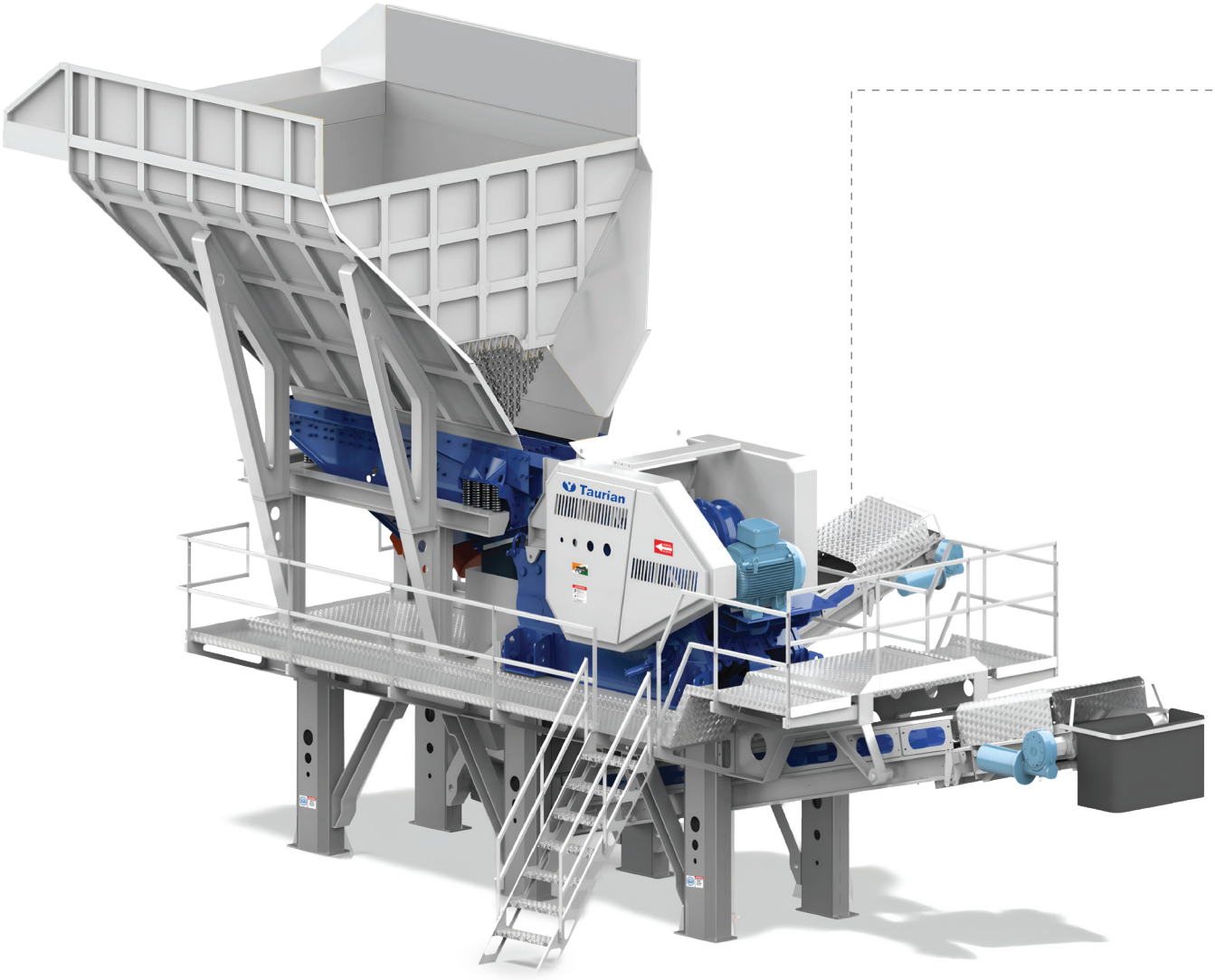
**Large Cast Steel Bearings**
Large cast steel spherical roller
bearings are sealed by a labyrinth

**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 |

Madhya Pradesh | TJ Jaw Crusher

Rajasthan | TJ Jaw Crusher

Maharashtra | TJ Jaw Crusher

## 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.

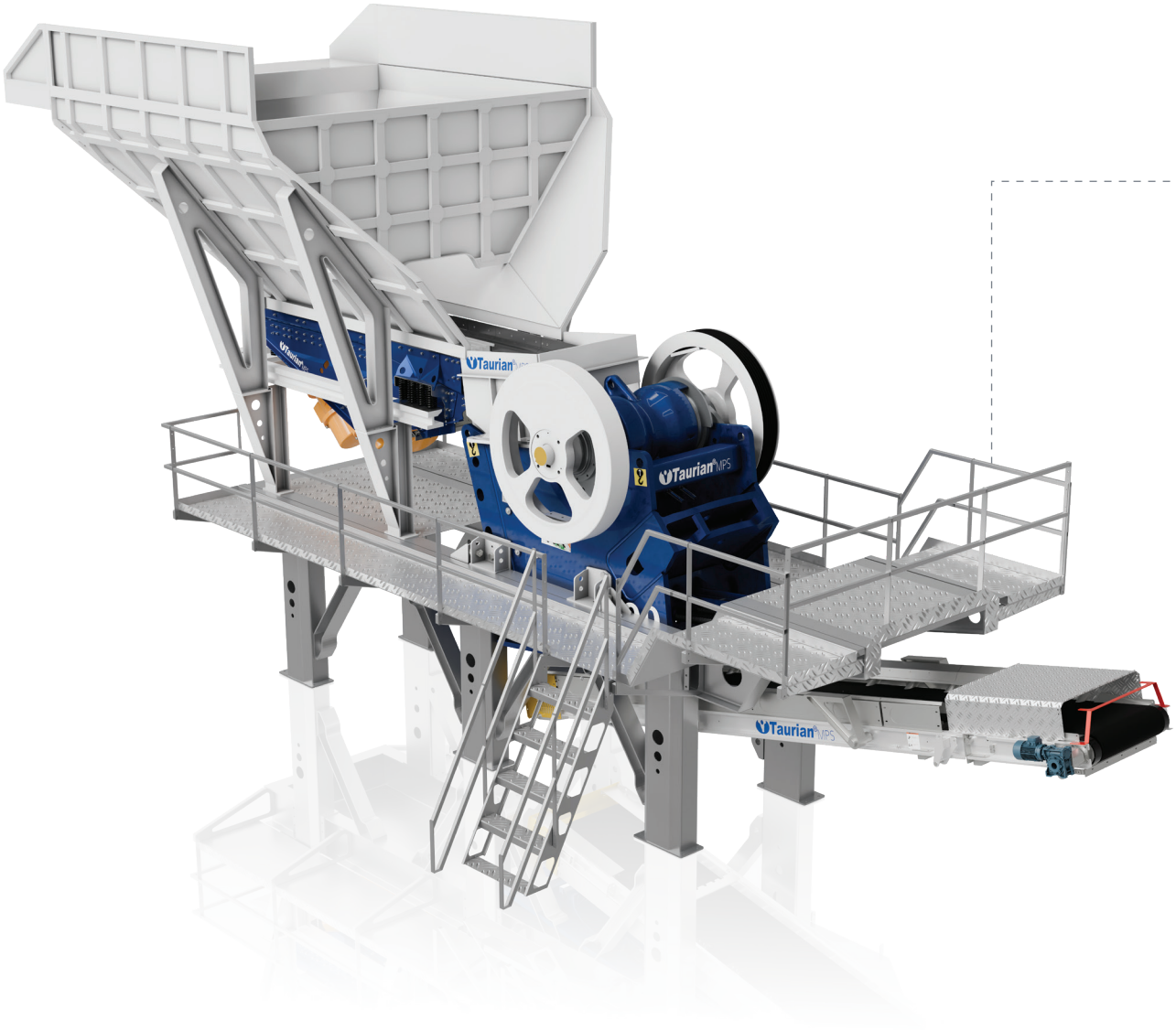
**Enhanced Structural Rigidity**
High structural stiffness minimizes frame deflection under crushing loads. This preserves critical jaw alignment and maintains crushing geometry.

**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

## 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<br>F 50<br>MF 100<br>M 130<br>C 150 | 16 | 40-50 | 45-55 | 60-70 | 80-90 | 85-95 | | | | | | 75-90 kW | 5800 kgs |
| | | 20 | 50-55 | 50-60 | 70-80 | 95-105 | | | | | | | | |
| | | 25 | | 55-65 | 75-90 | 105-120 | | | | | | | | |
| CG 150 | M 200<br>C 250 | 16 | | | | 80-90 | 105-115 | 120-130 | 135-145 | 145-165 | 155-175 | | 75-90 kW | 7350 kgs |
| | | 20 | | | | | 120-130 | 145-155 | 160-180 | 170-200 | 185-215 | | | |
| | | 25 | | | | | | 185-195 | 200-220 | 210-230 | | | | |
| CG 200 | EF 40<br>F 80<br>M 120<br>C 200 | 20 | 80-100 | 85-105 | 105-125 | 120-145 | 150-170 | 170-190 | | | | | 130-160 kW | 10700 kgs |
| | | 25 | | 100-120 | 130-150 | 160-180 | 180-210 | | | | | | | |
| | | 30 | | | 160-180 | 190-210 | 210-230 | | | | | | | |
| CG 250 | C 180<br>EC 220 | 20 | | | 105-125 | 120-145 | 150-170 | 170-190 | 180-200 | 200-220 | 220-250 | | 130-160 kW | 11900 kgs |
| | | 25 | | | | 160-180 | 180-210 | 200-230 | 220-250 | 250-280 | 280-310 | | | |
| | | 30 | | | | 190-210 | 210-230 | 240-270 | 270-310 | 300-340 | 330-360 | | | |
| CG 260 | EF 40<br>F 70<br>MF 100<br>M 130<br>C 180<br>EC 260 | 18 | 70-90 | 90-105 | 105-120 | 120-140 | 150-170 | 170-190 | 180-200 | | | | 130-200 kW | 10200 kgs |
| | | 25 | | 110-130 | 125-150 | 150-170 | 170-190 | 190-210 | 200-230 | | | | | |
| | | 32 | | | 150-170 | 170-190 | 190-220 | 210-230 | 230-260 | | | | | |
| | | 40 | | | | 200-230 | 220-250 | 230-260 | | | | | | |
| CG 300 | EF 40<br>F 60<br>MF 100<br>M 130<br>C 180<br>EC 260 | 25 | 100-120 | 110-130 | 135-155 | 160-180 | 190-210 | 210-235 | 240-260 | | | | 200-250 kW | 13400 kgs |
| | | 32 | 110-130 | 120-150 | 165-195 | 195-225 | 230-260 | 265-295 | 300-330 | | | | | |
| | | 40 | | 150-170 | 205-235 | 245-275 | 290-320 | 325-355 | | | | | | |
| CG 350 | C 280<br>EC 380 | 18 | | | | | 170-190 | 170-210 | 190-230 | 210-255 | 235-275 | 255-295 | 132-250 kW | 16200 kgs |
| | | 25 | | | | | | 220-270 | 225-315 | 290-345 | 320-350 | 330-350 | | |
| | | 32 | | | | | | | 360-400 | 380-420 | 400-440 | | | |
| | | 40 | | | | | | | | 450-500 | 480-530 | | | |
| CG 500 | EF 40<br>F 90<br>MF 130<br>M 180<br>C 220<br>EC 280<br>EC-S 300 | 25 | | 140-160 | 160-180 | 190-210 | 240-260 | 270-290 | 310-330 | 350-370 | | | 250-355 kW | 26500 kgs |
| | | 32 | | | 230-250 | 270-290 | 310-330 | 340-370 | 380-410 | 430-450 | | | | |
| | | 36 | | | 290-310 | 320-340 | 380-410 | 430-460 | 480-510 | | | | | |

*For Softer Material

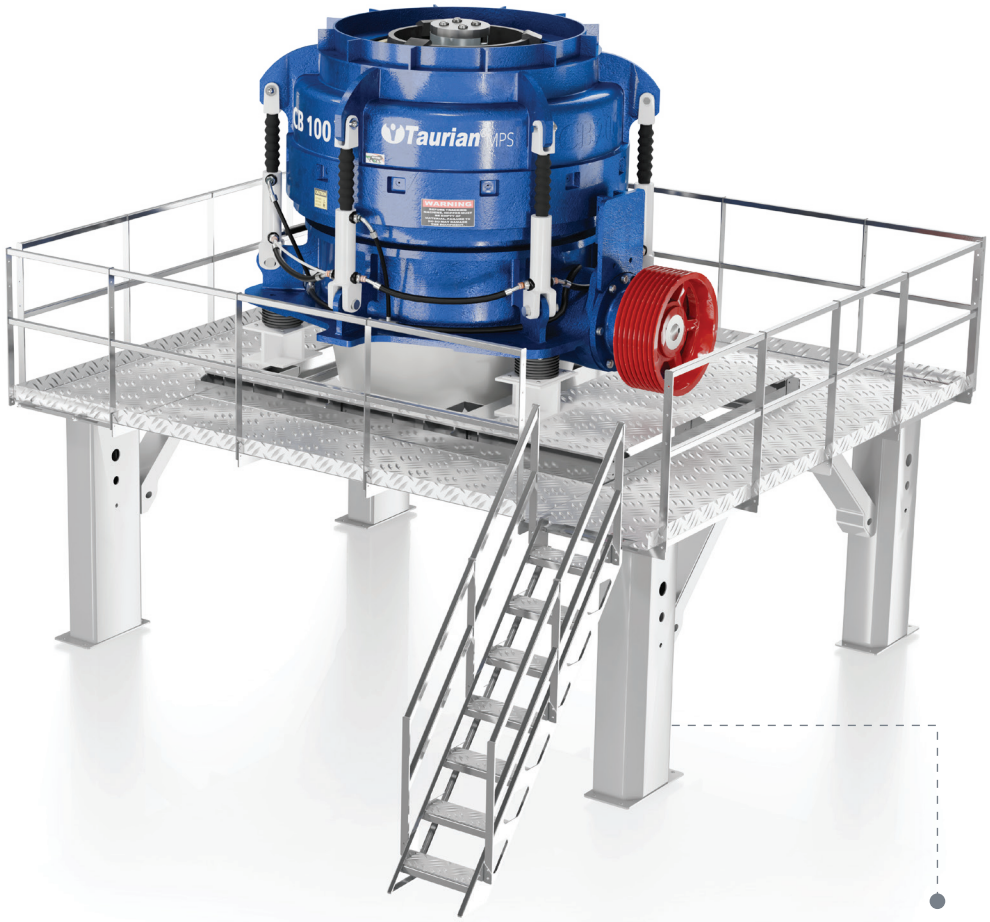
# CB SERIES™
## Cone Crusher

**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.




Exhibhition | CB Cone


Maharashtra | CB Cone


Rajasthan | CB Cone

## Technical Specification

| Model | CB 200<br>*Short Throw* | CB 200<br>*Long Throw* | CB 300<br>*Standard* |
|---|---|---|---|
| Feed opening | M 170 mm<br>EC 205 mm | M 170 mm<br>EC 205 mm | 230 mm |
| Feed size | M 160 mm<br>EC 195 mm | M 160 mm<br>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 | | CB 200<br>*Short Throw* | CB 200<br>*Long Throw* | CB 300<br>*Standard* |
|---|---|---|---|---|
| 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 |

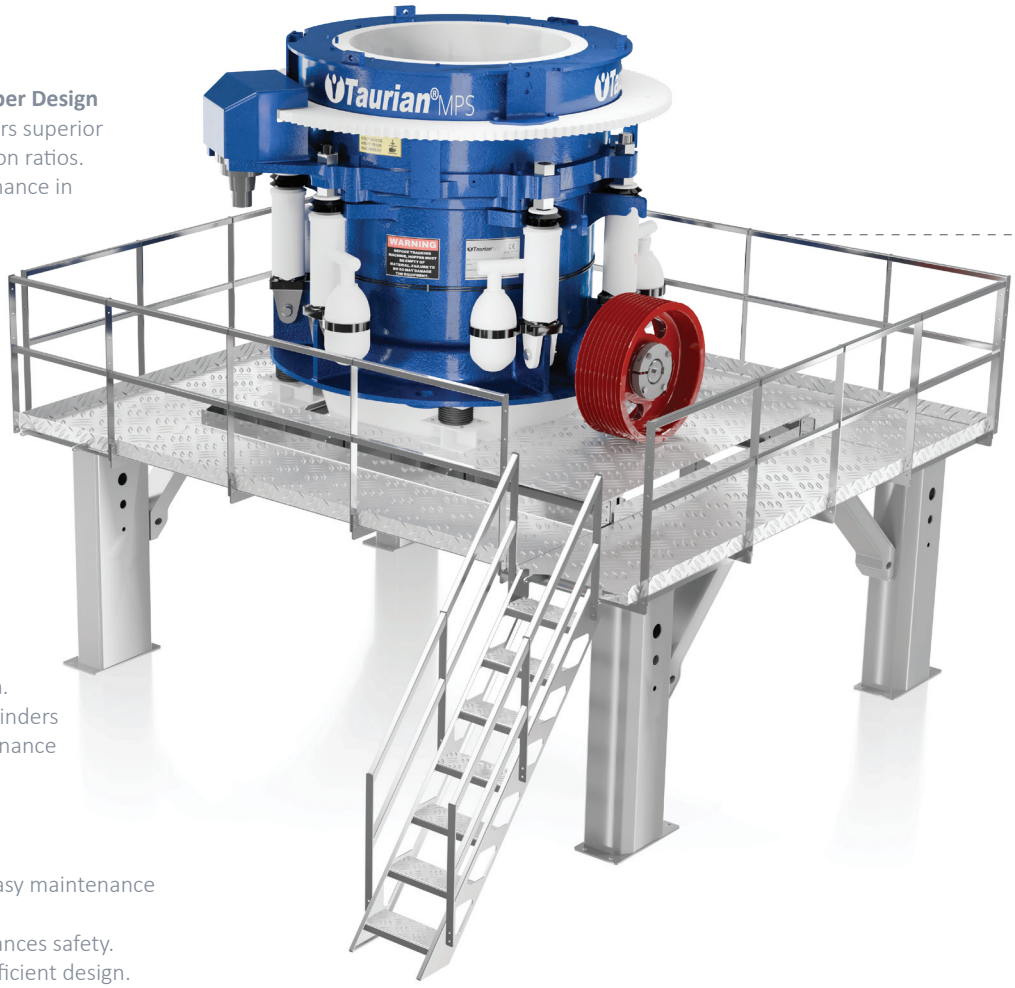
## CSS and Capacities Standard Chamber

| Model | | CB 200 M.C<br>*Short Throw* | CB 200 X.C<br>*Short Throw* | CB 200 M.C<br>*Long Throw* | CB 200 X.C<br>*Long Throw* | CB 300<br>*Standard* |
|---|---|---|---|---|---|---|
| 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.

### 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 | 155 TPH | 250 TPH | 440 TPH | 630 TPH | 790 TPH | 2000 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 |

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 |

# 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 - T Series VSI

| | Light T-Series VSI | | |
|---|---|---|---|
| Model | 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) | | |
| General crushing | 60-103 | 66-168 | 100-217 |
| Shaping | 60-103 | 66-168 | 100-217 |
| Fines | 60-92 | 66-151 | 100-193 |


Uttar Pradhesh | VSI


Maharashtra | VSI


Rajasthan | VSI


Gujarat| VSI

| | Heavy T-Series VSI | | |
|---|---|---|---|
| Model | 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) | | |
| General crushing | 125-298 | 150-378 | 200-545 |
| Shaping | 125-298 | 150-378 | 200-545 |
| Fines | 125-265 | 150-332 | 200-465 |

| | Mega T-Series VSI | | |
|---|---|---|---|
| Model | 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) | | |
| 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.

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

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

**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.

**Hydraulically Opening Crushing Chamber**
Fast and convenient access to internal components for inspection, blow bar replacement, and maintenance tasks.

**Heat-Treated, Dynamically Balanced Rotor**
Heavy-duty, wear-resistant rotor built for long life and high inertia—ensures maximum impact force for efficient reduction.

**Hydraulic-Assisted Breaker Plate Adjustment**
Enables easy, safe, and precise gap control to regulate product size and optimize performance without manual effort.


Exhibhition | 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™

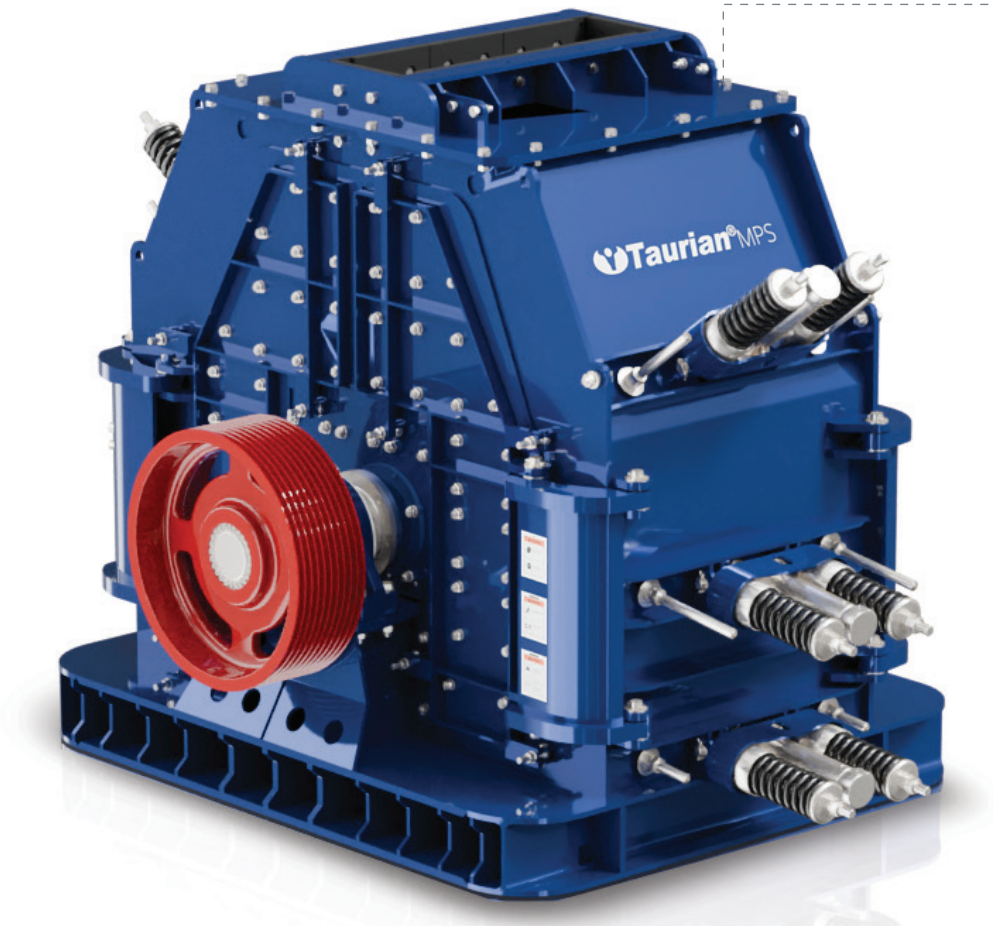
## Tertiary Horizontal Shaft Impactor

**Hydraulic-Assisted Breaker Plate Adjustment**
Simple and easy hydraulicassisted 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 | 90 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 |

# TRC SERIES™
## Roll Crusher

**Rollers**
Two counterrotating rolls (fixed and floating).
Optional Studded surface depending on feed
Interparticle comminution for uniform size reduction.
Optimized D:L ratios reduce recirculation.
Even pressure across the roll width.
High Pressure for efficient crushing.

**Maintenance Features**
Easy roll changes
Alignment Tools included for wear profile correction.
Hinged frames for quick access and repairs.

**Applications**
Handles abrasive, moist, and fine feeds.
Produces cubical particles

**Feed Chute and Feeding System**
Vertically aligned for choke feeding.
Durable Chute Lining
Adjustable gates for feed control
Minimizes bypass and ensures even wear.
Effecient Guidance to compression zone

**Wear Components**
Adjustable walls for sealing and wear control.
Minimal wear parts to reduce costs
Manganese or Ni-hard rolls enhance life

**Drive System**
Motors with reducers and torque arms
Clutches protect against overloads.
Key Features
Efficiency VFDs optimize speed and energy use.
Power Transmission Ensures smooth roll operation.
Motors with reducers and torque arms

**Arch Frame**
Antiskewing high strength structure.
Handles internal loads without stressing the base.
Prevents bearing and roller damage.
Compact Layout reduces installation cost

**Control and Automation System**
Adjust roll pressure, speed, and gaps.
Remote systems detect issues to reduce downtime.
Safety Alarms warn of risks or maintenance needs.
Operate and monitor safely from a distance.

**Environmental Features**
Noise and Dust Control: Enclosures reduce emissions.
Can save upto 50% energy compared to other methods.




Madhya Pradesh | Roll Crusher

Uttarakhand | Roll Crusher


Madhya Pradesh | Roll Crusher

## Technical Specification

| Model | Max feed size | Capacity | Roll dimensions (Dia x Width) | Max roll speed | Power | Weight |
|---|---|---|---|---|---|---|
| TRC 800 | 32 mm | 60-90 TPH | 800 x 500 mm | 30.2 rpm | 2 x 75 kW | 12900 kgs |

# HFS SERIES™

## High Frequency Screen

**Modular Structure**
Easy on-site assembly with basic tools,
ensuring fast setup.
Pre-wired with a plug and play system
User-friendly starter panel for convenience.
Flexible access stair configurations to suit various setups.
Compactly transportation in a 40' shipping container.

**Application Flexibility**
Can be used in mining, construction, recycling,
industrial sand processing and more
Crushed stone, recycled asphalt pavement (RAP),
sand and gravel, coal, fly ash, slag, coke, and more.

**Versatile Deck Configurations**
Multiple Deck Options: single, double, and triple-deck
configurations, catering to a variety of screening needs.
Customizable Mesh Sizes and materials,
allowing users to tailor their setup

**Cost Effective Operation**
Durable components and wear-resistant designs reduce the need for frequent part replacements.
Minimal Downtime: Features like quick-change screen panels and accessible maintenance points.

**Enhanced Vibration Technology**
Electric Vibrators operating at up to 3000 RPM ensuring superior performance for fine material separation.
Elliptical Motion design promotes efficient material movement across the screen deck.

**Optional**
High frequency electric motors upto 4600 RPM
Dust cover (Vinyl cover for improved dust control)
Screen cloth (various types of screen media are available for different applications)
Rubber knockdown curtains to improve screening effeciency

**Other Features**
Easily adjustable slope between 38-43°.
Suspension hanger eyes at feed and discharge end.
Bolt-in feed distribution box.
Adjustable discharge chutes.
Rubber isolation mounted vibrating screen cloth.
Large walkways for easier access.
Rubber capped wire cloth support bars.




Maharashtra | HFS


Moscow | HFS


New Delhi | HFS

Technical Specification

| Model | HFS 5518 2D | HFS 5518 3D |
|---|---|---|
| Screen size | 1830 x 5490 mm | 1830 x 5490 mm |
| Screening area | 10 m² | 10 m² |
| No. of mesh | 6 | 9 |
| Angle | 38° - 43° | 38° - 43° |
| Motors (electric/hydraulic) | 13 x 1.3 kW | 19 x 1.3 kW |
| Weight | 10540 kgs | 13540 kgs |

# CMS SERIES™

## Circular Motion Screen

**General**
Available in 2, 3, or 4 deck configurations
Adjustable slope angle (12° to 22°)
Shaft lines connected by a cardan shaft.
Adjustable modular rails, cross member protection
Tensioned and heavy-duty bolted panels

**Customizable Options**
Modular wear parts and screening media.
Anti-blinding, spray pips, and galvanization for specific needs.

**Frame**
Weld-free side plates for stress tolerance.
Huck bolting for reliable connections.

**Safety Features**
Features like coil spring covers and rubber stabilizers.
Pre-equipped with dust and noise protection.

**Maintenance-Friendly Design**
Modular MV vibrators and cardan shafts for easy replacement.
Increase space between decks for easy maintenance.
Modular rubber liners at feedbox, discharge spouts, and cardan shaft for optimal service life.

**Vibration System**
Counterweights for stroke optimization.
Double bearings in vibrators for extended life.
Dust-proof grease lubrication to prevent contamination.

## Technical Specification

| Model | Screen size | Screening area | No. of decks | Capacity | Power | Weight |
|---|---|---|---|---|---|---|
| CMS 1530-I | 1500 x 3000 mm | 4.5 m² | 1 | 125 TPH | 11 kW | 1300 kgs |
| CMS 1540-I | 1500 x 4000 mm | 6 m² | 1 | 150 TPH | 11 kW | 1400 kgs |
| CMS 1540-II | 1500 x 4000 mm | 6 m² | 2 | 225 TPH | 15 kW | 3150 kgs |
| CMS 1540-III | 1500 x 4000 mm | 6 m² | 3 | 225 TPH | 15 kW | 4050 kgs |
| CMS 1540-IV | 1500 x 4000 mm | 6 m² | 4 | 255 TPH | 15 kW | 5000 kgs |
| CMS 1850-II | 1800 x 5000 mm | 9 m² | 2 | 325 TPH | 15 kW | 4200 kgs |
| CMS 1850-III | 1800 x 5000 mm | 9 m² | 3 | 325 TPH | 15 kW | 5200 kgs |



Uttarakhand | CMS

Maharashtra | CMS

Jharkhand |CMS

## Technical Specification

| | | | | | | |
|---|---|---|---|---|---|---|
| CMS 1850-IV | 1800 x 5000 mm | 9 m² | 4 | 325 TPH | 15 kW | 6800 kgs |
| CMS 2060-II | 2000 x 6000 mm | 12 m² | 2 | 425 TPH | 22 kW | 6500 kgs |
| CMS 2060-III | 2000 x 6000 mm | 12 m² | 3 | 425 TPH | 22 kW | 8500 kgs |
| CMS 2060-IV | 2000 x 6000 mm | 12 m² | 4 | 425 TPH | 30 kW | 10400 kgs |
| CMS 2461-II | 2400 x 6100 mm | 14.6 m² | 2 | 525 TPH | 30 kW | 8400 kgs |
| CMS 2461-III | 2400 x 6100 mm | 14.6 m² | 3 | 525 TPH | 30 kW | 10500 kgs |
| CMS 2461-IV | 2400 x 6100 mm | 14.6 m² | 4 | 525 TPH | 45 kW | 13000 kgs |

# HMS SERIES™

## Horizontal Motion Screen

**Optimal Screening Design**
1828 mm x 6096 mm- 3-deck horizontal screen equipped with Taurian's advanced oval stroke design for enhanced performance and material stratification.

**Patented and Innovative Features**
Low-maintenance vibration damper system for reduced operational downtime.
Flow-through bearing lubrication for efficient and consistent lubrication.
Baffle splash lubrication system ensuring smooth operation and extended component life.

**High-Performance Vibration Mechanism**
Three-shaft vibrator mechanism with adjustable stroke angle, stroke length, and speed, ensuring versatile and efficient operation.

**Seamless Construction**
Double O-ring sealed vibrator construction designed for long life and reduced maintenance.
Spherical washer design eliminates sidewall welds for enhanced structural integrity.
Huck-bolted screen box construction, eliminating the need for welds, improving durability and ease of repairs.

**Maintenance-Friendly Design**
Tool-less oil level sight glasses for quick and easy oil checks without tools.

**Enhanced Suspension and Sealing**
Extended-life coil spring suspension system for superior vibration isolation.
Replaceable bolt-on spring guides for simplified maintenance.
Gland-type non-wearing shaft seal for optimal reliability and reduced wear.

**Robust Build Quality**
25% thicker- 8 mm grade 50 high-strength steel side plates for maximum durability under heavy loads.
Heavy-duty, fully braced single crown steel deck construction for reliable performance in demanding conditions.

Maharashtra | Horizontal Motion Screen



Technical Specification

| Model | HMS 6203 |
|---|---|
| Screen size | 1930 x 6096 mm |
| Screening area | 11.5 m² |
| No. of decks | 3 |
| Speed | 730-870 rpm |
| Motor | 30 kW |
| Weight | 10588 kgs |

# SZ SERIES™

## Sizer

**Maximise Availability and Productivity**
Taurian MPS sizers reduce fines and enhance yield.
Minimize dust for a cleaner environment.
Improve efficiency of downstream equipment.

**For a Safer Working Environment**
Automated operation with remote capabilities ensures safety.
Oversize material handling prevents stalls for efficient management.

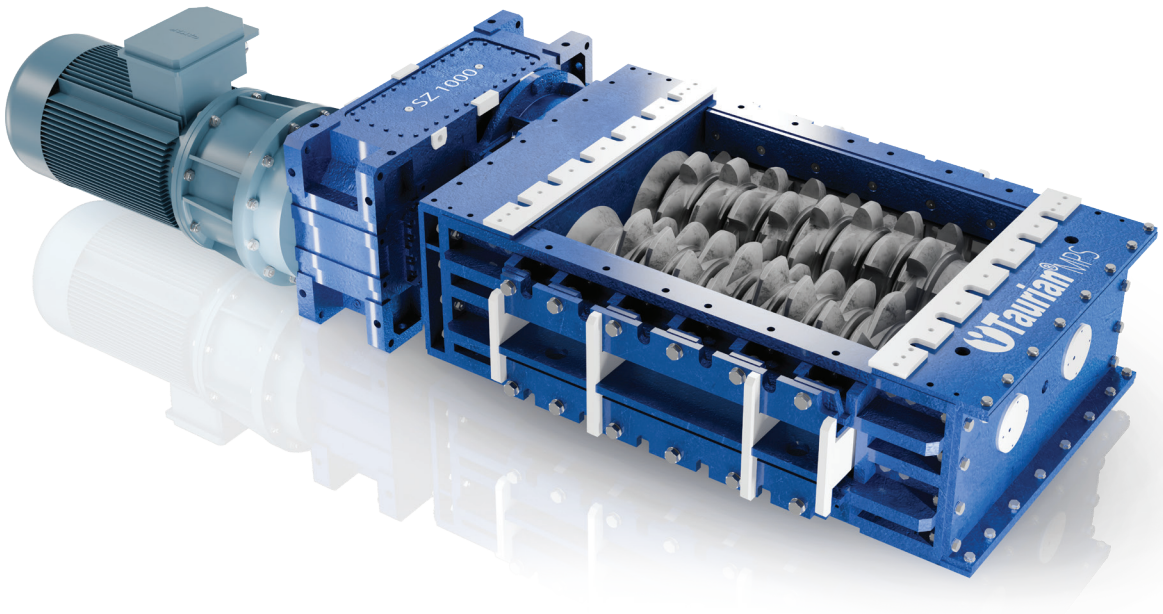
**Lower Installation and Construction Costs**
Compact design reduces installation costs.
High throughput with unique breaking action.
Ideal for tight spaces and retrofitting applications.

**Ensures High Yield and a Cleaner Working Environment**
Reliable design ensures peak performance.
Simple maintenance minimizes downtime.
OEM parts enhance operational continuity.

**Optimal Performance Every Time**
Custom-engineered designs tailored to specific applications.
Ensures optimal performance and operational efficiency.
Meets individual operational needs effectively.

| Model | SZ Series 1000 |
|---|---|
| Height | 1590 mm |
| Width | 3020 mm |
| Weight | 60000 Kgs |

| | |
|---|---|
| SZ Series | 1000 |
| Rings | 6 |
| Teeth Per Ring | 3 |
| Speed | 25 rpm |
| Roll the Speed | 1.5 m/s |
| Breaker Bar | Installed below crushing rolls, full width |
| Drive System Type | Electrical via Fluid Couplings |
| Drive Power / Voltage | 400kw / 6.6 kV |
| Reducer in / Out Ratio | 60/1 rpm |
| Reducer Torque | 156 kN |
| Coupling | 650 TVSC fluid coupling 450 kW |
| Lubrication System | Auto Grease Supply for crusher bearings |



# TGF SERIES™
## Grizzly Feeders

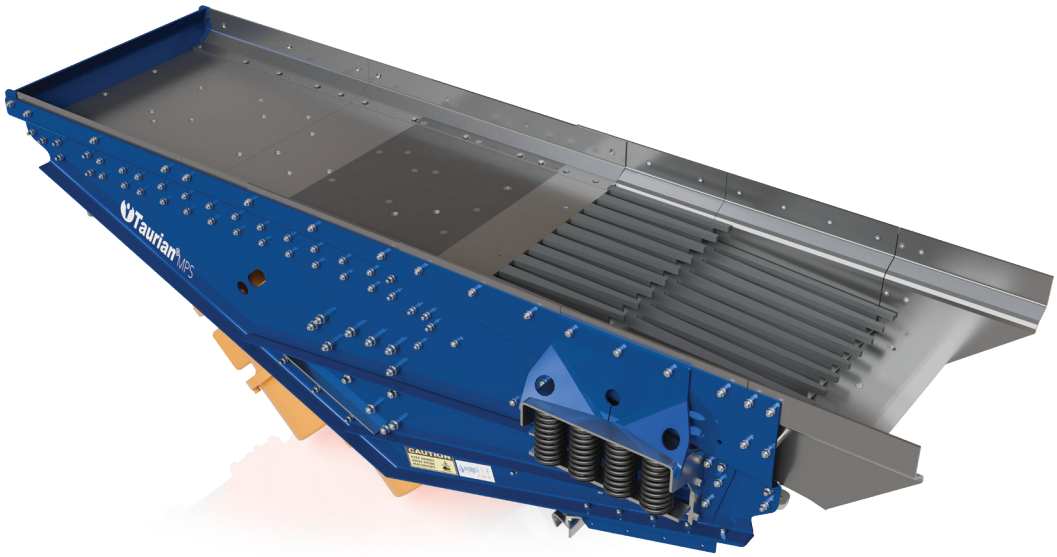
**Vibratory Drive Mechanism**
Frequency ~600–1200 RPM; amplitude via eccentric weights or electromagnetic drives. Shafts/bearings are high-strength steel for continuous load handling.

**Grizzly Bars**
Bar spacing ~2–6 inches to remove fines before crushing.
Typically built from manganese steel or carbide overlays.

**Impact Deck / Liners**
Absorbs shock from large boulders (up to several feet). Commonly lined with AR400/AR500 for abrasion resistance.

**Control System**
Uses VFD for feed rate/amplitude control.
Enclosed in dust/moisture-resistant housings

**Feed Pan**
Designed for high throughput (hundreds of TPH). Reinforced steel plates to resist heavy impact.



Technical Specification

| Model | Dimension *(L x W)* | Grizzly area | Max feed size | Motor | Weight |
|---|---|---|---|---|---|
| TGF 1142-2S | 4200 x 1100 mm | 4.6 m² | 700 mm | 8 kW | 3500 kgs |
| TGF 1148-2S | 4800 x 1100 mm | 5.3 m² | 700 mm | 12 kW | 4500 kgs |
| TGF 1248-2S | 4800 x 1200 mm | 5.8 m² | 700 mm | 15 kW | 5500 kgs |
| TGF 1349-2S | 4900 x 1300 mm | 6.4 m² | 700 mm | 15 kW | 5400 kgs |
| TGF 1361-2S | 6100 x 1300 mm | 8 m² | 900 mm | 30 kW | 7000 kgs |
| TGF 1661-2S | 6100 x 1600 mm | 9.8 m² | 1200 mm | 30 kW | 10500 kgs |
| TGF 2066-2S | 6600 x 2000 mm | 13.2 m² | 1500 mm | 55 kW | 15000 kgs |

# TGFS SERIES™
## Heavy Duty Grizzly Feeders

**Modular Structure**
Easy on-site assembly with basic tools,
ensuring fast setup.
Pre-wired with a plug and play system
User-friendly starter panel for convenience.
Flexible access stair configurations to suit various setups.
Compactly transportation in a 40' shipping container.

**Application Flexibility**
Can be used in mining, construction, recycling,
industrial sand processing and more
Crushed stone, recycled asphalt pavement (RAP),
sand and gravel, coal, fly ash, slag, coke, and more.
Standard material separations range from ½" to 30M

**Versatile Deck Configurations**
Multiple Deck Options: single, double, and triple-deck
configurations, catering to a variety of screening needs.
Customizable Mesh Sizes and materials,
allowing users to tailor their setup

**Enhanced Vibration Technology**
Electric Vibrators operating at up to 3000 RPM
ensuring superior performance for fine
material separation.
Elliptical Motion design promotes efficient
material movement across the screen deck.

**Cost Effective Operation**
Durable components and wear-resistant designs reduce the need for frequent part replacements.
Minimal Downtime: Features like quick-change screen panels and accessible maintenance points.

**Optional**
High frequency electric motors upto 4600 RPM
Dust cover (Vinyl cover for improved dust control)
Screen cloth (various types of screen media are available for different applications)
Rubber knockdown curtains to improve screening effeciency

**Other Features**
Easily adjustable slope between 38-43°.
Suspension hanger eyes at feed and discharge end.
Bolt-in feed distribution box.
Adjustable discharge chutes.
Rubber isolation mounted vibrating screen cloth.
Large walkways for easier access.
Rubber capped wire cloth support bars.

Puerto Rico | Grizzly Feeder

Uttarakhand | Grizzly Feeder



## Technical Specification

| Model | TGF 1062S | TGF 1262S | TGF 1562S | TGF 1862S | TGF 2162S | TGF 2462S |
|---|---|---|---|---|---|---|
| Max feed capacity | 1560 TPH | 720 TPH | 880 TPH | 1040 TPH | 1200 TPH | 1360 TPH |
| Feeder *(L x W)* | 6000 x 1020 mm | 6000 x 1220 mm | 6000 x 1520 mm | 6000 x 1820 mm | 6000 x 2120 mm | 6000 x 2420 mm |
| Grizzly length | 2 × 900 mm | 2 × 900 mm | 2 × 900 mm | 2 × 900 mm | 2 × 900 mm | 2 × 900 mm |
| Grizzly area | 1.8 $m^2$ | 2.2 $m^2$ | 2.7 $m^2$ | 3.3 $m^2$ | 3.8 $m^2$ | 4.3 $m^2$ |
| Motor | 2 × 15 kW | 22 kW | 30 kW | 37 kW | 37 kW | 2 × 30 kW |
| Weight | 6450 kgs | 7250 kgs | 8150 kgs | 8800 kgs | 9700 kgs | 17700 kgs |