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# TRACK MOUNTED CRUSHER

## RC MP Series

Being the first stage in producing materials of diff sizes & dimensions, the Jaw Crusher's primary application is aggregate production for railway track-laying, mining and recycling activities. RockCut's Jaw crushers are compatible with different materials like rocks, ores and minerals of different sizes. They are signed for uninterrupted operations in the harshest of environments and provide maximum productivity at minimized costs.

### PRODUCT HIGHLIGHTS

- Sturdy design, easy to install and maintain
- Accommodates high volume feed intake
- Safe and convenient to operate
- Strong & durable Jaw Plates that can be swapped
- A Steeper Nip angle quickens the material flow



| MODEL                          | UNIT           | RC MP-150                                      | RC MP-200                                      |
|--------------------------------|----------------|------------------------------------------------|------------------------------------------------|
| <b>JAW CRUSHER</b>             |                |                                                |                                                |
| Opevning Size (W x L)          | mm(inch)       | 900 x 600<br>(36 x 24)                         | 1050 x 80<br>(42 x 32)                         |
| CSS Range                      | mm(inch)       | 75 to 180<br>(3.0 to 7.0)                      | 75 to 180<br>(3.0 to 7.0)                      |
| *Capacity                      | TPH            | 120-180                                        | 170-250                                        |
| Feeding Hopper                 | m <sup>3</sup> | 6                                              | 8                                              |
| <b>GRIZZLY FEEDER RCGF 3X9</b> |                |                                                |                                                |
| Size                           | mm(inch)       | 900 x 3000<br>(35.4 x 118.1)                   | 1100 x 4000<br>(43.3 x 157.5)                  |
| <b>MAIN CONVEYOR</b>           |                |                                                |                                                |
| Belt Width                     | mm             | 900                                            | 900                                            |
| Discharge Height               | mm             | 3000                                           | 3000                                           |
| Stock Pile Capacity            | m <sup>3</sup> | 60                                             | 60                                             |
| <b>SCALPING CONVEYOR</b>       |                |                                                |                                                |
| Belt Width                     | mm             | 600                                            | 600                                            |
| Discharge Height               | mm             | 2300                                           | 2300                                           |
| Stock Pile Capacity            | m <sup>3</sup> | 20                                             | 20                                             |
| <b>UNDER CARRIAGE</b>          |                |                                                |                                                |
| Shoe Width                     | mm             | 500                                            | 500                                            |
| Hydraulic Tank Capacity        | ltrs           | 400                                            | 400                                            |
| <b>POWER UNIT</b>              |                |                                                |                                                |
| <b>DIESEL GENERATOR</b>        | KVA            | 200                                            | 280                                            |
| Transport (L x W x H)          | mm(inch)       | 12800 x 3250 x 3900<br>(503.9 x 127.0 x 153.5) | 14100 x 3400 x 4200<br>(555.1 x 133.9 x 165.4) |
| Working (L x W x H)            | mm(inch)       | 13900 x 8204 x 4305<br>(547.4 x 323.0 x 169.5) | 15100 x 8220 x 4610<br>(594.5 x 323.6 x 181.5) |
| **Weight                       | kg<br>(Ton)    | 46000<br>46                                    | 56000<br>56                                    |

\*Details may vary based on application  
 \*\*Weight inclusive of motor & accessories  
 Note: All the above technical details may vary at any time during engineering process & design development



## MOBILE PRIMARY CRUSHER

### RC SMP Series

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## TECHNICAL DATA

| DESCRIPTION  | UNIT         | UNIT | RCSMP150               | RCSMP200                | RCSMP300                |
|--------------|--------------|------|------------------------|-------------------------|-------------------------|
| Machine Size | MM<br>(Inch) |      | 900 x 600<br>36" x 24" | 1100 x 800<br>44" x 32" | 1200 x 900<br>48" x 36" |
| Feed Size    | MM<br>(Inch) |      | 550<br>-22             | 750<br>-30              | 850<br>-34              |
| *Capacity    | TPH          |      | 100 - 150              | 170 - 250               | 300 - 400               |
| CSS Range    | MM<br>(Inch) |      | 80 - 150<br>3.2 - 6    | 90 - 175<br>3.6 - 7     | 100 - 180<br>4 - 7.2    |
| Speed        | RPM          |      | 275                    | 250                     | 250                     |
| Drive Power  | KW<br>(HP)   |      | 90<br>120              | 110<br>150              | 160<br>215              |

\*Details may vary based on application

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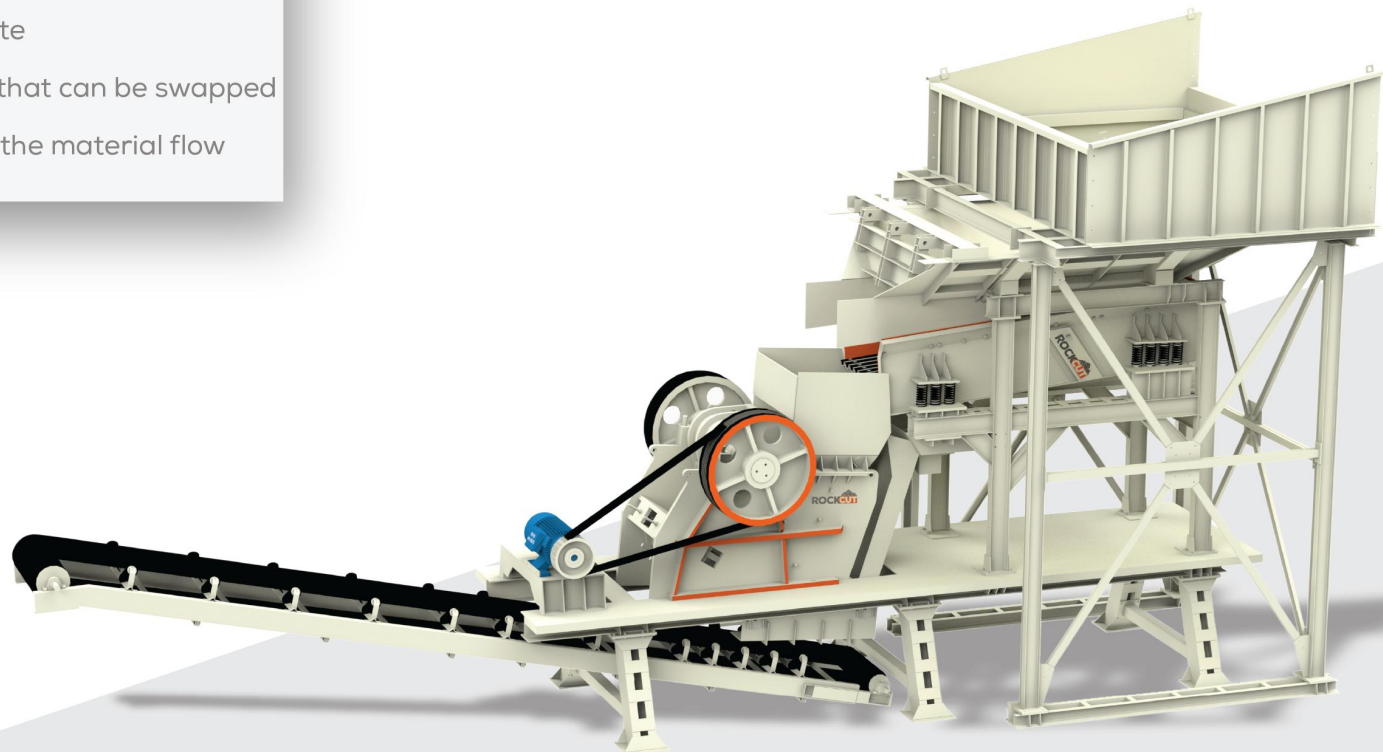
## JAW CRUSHER

### RCJ Series

Being the first stage in producing materials of diff sizes & dimensions, the Jaw Crusher's primary application is aggregate production for railway track-laying, mining and recycling activities. RockCut's Jaw crushers are compatible with different materials like rocks, ores and minerals of different sizes. They are signed for uninterrupted operations in the harshest of environments and provide maximum productivity at minimized costs.

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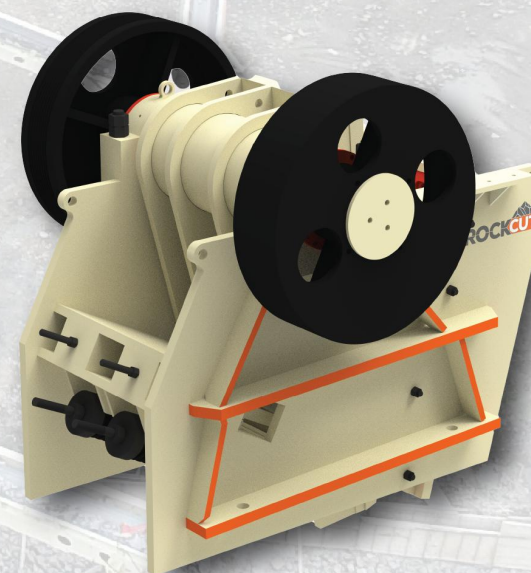
## TECHNICAL DATA

| DESCRIPTION  | UNIT | UNIT         | RCJ 150                | RCJ 250                 | RCJ 300                 |
|--------------|------|--------------|------------------------|-------------------------|-------------------------|
| Machine Size |      | MM<br>(Inch) | 900 x 600<br>36" x 24" | 1100 x 800<br>44" x 32" | 1200 x 900<br>48" x 36" |
| Feed Size    |      | MM<br>(Inch) | 550<br>-22             | 750<br>-30              | 850<br>-34              |
| *Capacity    |      | TPH          | 100 - 150              | 170 - 250               | 300 - 400               |
| CSS Range    |      | MM<br>(Inch) | 80 - 150<br>3.2 - 6    | 90 - 175<br>3.6 - 7     | 100 - 180<br>4 - 7.2    |
| Speed        |      | RPM          | 275                    | 250                     | 250                     |
| Drive Power  |      | KW<br>(HP)   | 90<br>120              | 110<br>150              | 160<br>215              |

\*Details may vary based on application

\*\*Weight inclusive of motor & accessories

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## CONE CRUSHER

### RCC Series

RockCut's Cone crushers with their futuristic design and higher capacity feeds are used for Secondary & Tertiary applications. They've gained popularity due to their reduction efficiency ratio in quarrying and mining applications and ability to produce multiple shapes & sizes as per the activity requirement.

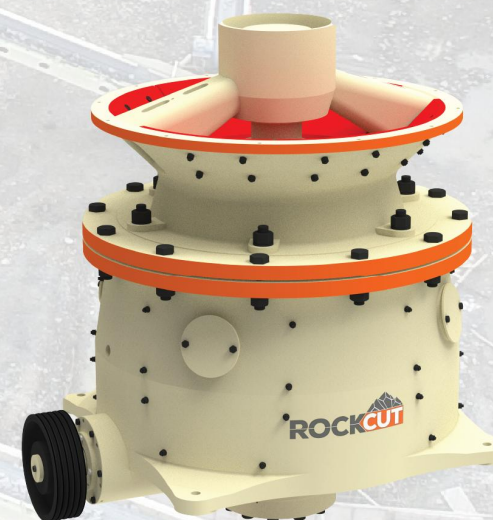
#### PRODUCT HIGHLIGHTS

- Dependable and convenient operations
- Optimized performance & energy consumption
- High-density chambers for crushing coarse feed
- Higher output capacity and high-yield end products
- Significantly lesser downtime and increased operator comfort



## TECHNICAL DATA

| DESCRIPTION | UNIT         | RCC 150    | RCC 200      | RCC 250            |
|-------------|--------------|------------|--------------|--------------------|
| Mantle Dia  | MM<br>(Inch) | 950<br>38  | 1120<br>44.8 | 1200<br>48         |
| Feed Size   | MM<br>(Inch) | 150<br>-6  | 180<br>-7.2  | 200<br>-8          |
| *Capacity   | TPH          | 90 - 150   | 130 - 200    | 170 - 250          |
| CSS Range   | MM           | 15 - 35    | 18 - 40      | 18 - 40            |
| Drive Power | KW<br>(HP)   | 110<br>150 | 160<br>215   | 185/200<br>250/270 |



\*Details may vary based on application

\*\*Weight inclusive of motor & accessories

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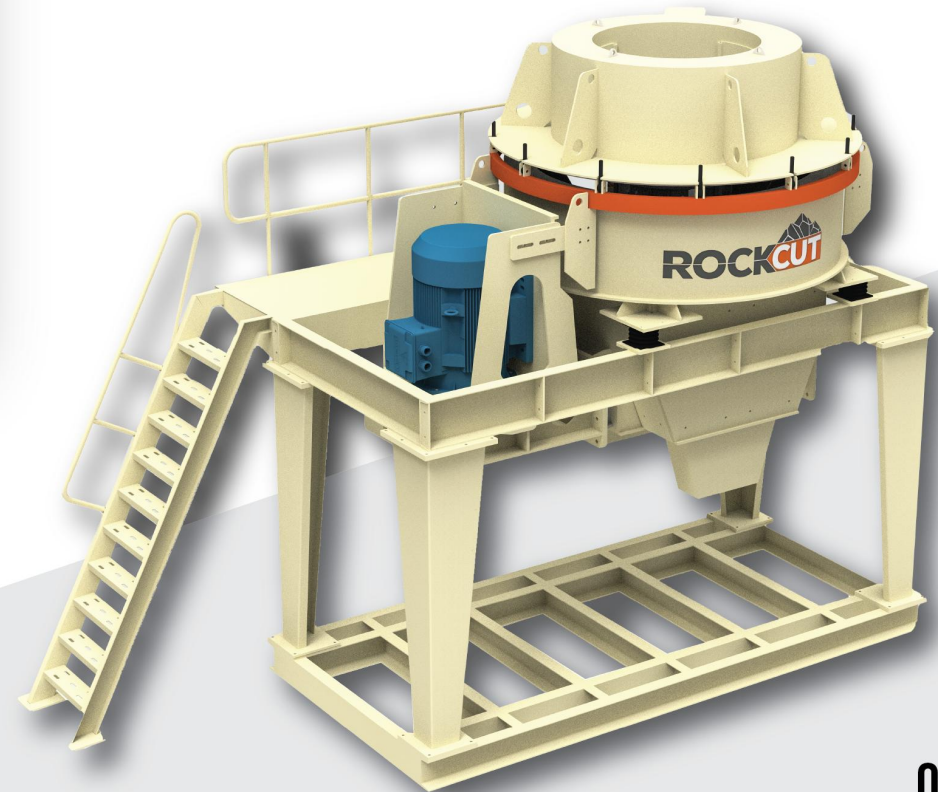
## VERTICAL SHAFT IMPACT CRUSHERS

### RCV Series

VSIs are the best choice when it comes to producing crushed aggregates for road-laying, building and dam constructions. The high-velocity impactor and the “rock-on-rock” technology in the VSI crusher refine the shapes of the aggregates thereby improving the surface structure. Our VSI equipment supports convenient maintenance through its easy to access crusher parts.

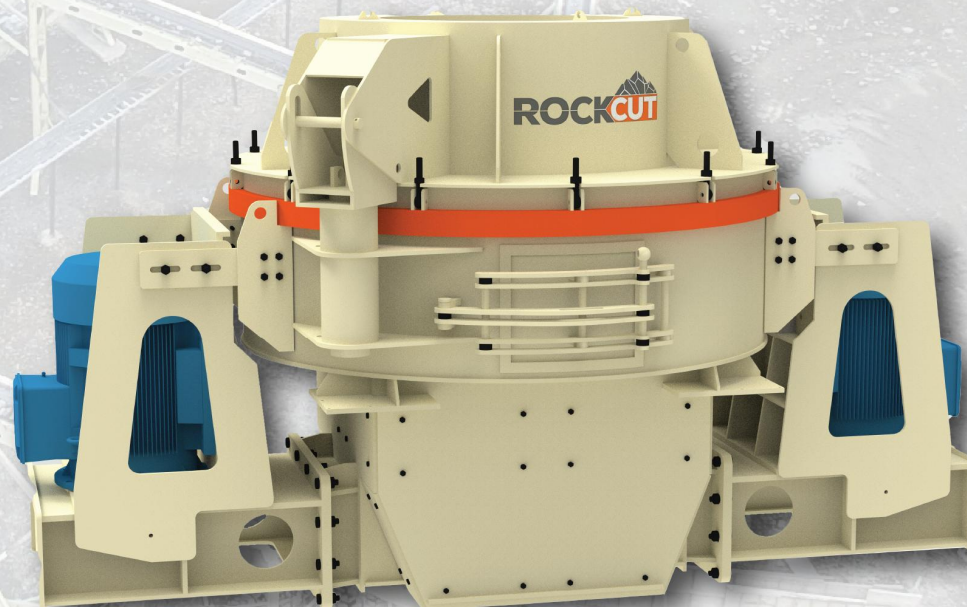
#### PRODUCT HIGHLIGHTS

- Offers smooth & seamless operation
- Switchable cartridges for different types of feed materials
- Multi-channel flow system supports higher capacity and reduces material waste
- Regulated impact and shaping features help in retaining the desired shapes & sizes
- Uses rock-on-rock technology for effective crushing



## TECHNICAL DATA

| DESCRIPTION | UNIT         | RCV 100    | RCV 150    | RCV 200            | RCV 250    | RCV 300            |
|-------------|--------------|------------|------------|--------------------|------------|--------------------|
| Dia         | MM           | 1800       | 2200       | 2250               | 2300       | 2400               |
| Rotor Dia   | MM           | 700        | 850        | 900                | 925        | 1000               |
| Feed Size   | MM<br>(Inch) | 30<br>1.2  | 40<br>1.6  | 40<br>1.6          | 40<br>1.6  | 40<br>1.6          |
| *Capacity   | TPH          | 30-70      | 50-120     | 70-140             | 70-160     | 90-220             |
| Drive Power | KW<br>(HP)   | 110<br>150 | 160<br>200 | 185/200<br>250/270 | 220<br>300 | 160 x 2<br>215 x 2 |



\*Details may vary based on application

\*\*Weight inclusive of motor & accessories

Note: All the above technical details may vary at any time during engineering process & design development



**OUR PLANTS**

**200 TPH 3 STAGE**







## VIBRATING SCREEN

### RCVS Series

RockCut's Vibrating Screens are a methodical multi-tier screening system suited for bigger, medium and fine-sized separation applications. The vibrating screen is designed with longer wear life, easy maintenance and lower noise levels to address all of the challenges in the environment and to improve function

#### PRODUCT HIGHLIGHTS

- Excellent performance with high volume and high detailed screening
- The slope inclination can be altered to fit any type of material or application
- Interconnected levels provide higher torque & reliable suspension
- Unique circular-motioned modular vibrators achieve higher productivity & accuracy
- Regulated Stroke adjustment and greased lubrication reduces
- wearing & frequent maintenance



## TECHNICAL DATA

| DESCRIPTION  | UNIT       | RCVS 100    | RCVS 150    | RCVS 200    | RCVS 300    |
|--------------|------------|-------------|-------------|-------------|-------------|
| Size (L x W) | MM         | 4000 x 1500 | 5000 x 1800 | 5000 x 2000 | 6000 x 2000 |
| Capacity     | TPH        | 100         | 150         | 200         | 250-300     |
| No. of Decks | -          | 2,3,4       | 2,3,4       | 2,3,4       | 2,3,4       |
| Drive Power  | KW<br>(HP) | 15<br>20    | 18.5<br>25  | 22<br>30    | 30<br>40    |

\*Details may vary based on application

\*\*Weight inclusive of motor & accessories

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## HYDRO CYCLONE

### RCHC Series

Our advanced "Pro Wash" washing equipment is made to extract maximum efficiency in segregating final washed sand from silt, clay and other minute unwanted particles. This high-level accuracy equipment assists in the dewatering process of specialized sand, ores, minerals and other materials.

#### PRODUCT HIGHLIGHTS

- High-washing capabilities
- In-built Cyclone classifiers for increased efficiency in the dewatering process
- Dedicated discharge channels for the elimination of sludge, silt and slime
- A proper water separation system ensures reduced wastage of sand and primary products during wash
- Rubber or Polyurethane (PU) lined feed box to reduce the raw material impact
- Designed to use water and power conservatively



## TECHNICAL DATA

| DESCRIPTION                              | UNIT      | RCHC100   | RCHC150   | RCHC 200  |
|------------------------------------------|-----------|-----------|-----------|-----------|
| Capacity                                 | TPH       | 30-60     | 50-100    | 70-130    |
| "Hydro Cyclone Size"                     | MM        | 400       | 500       | 600       |
|                                          | Inch      | 16        | 20        | 24        |
| "Slurry Pump Size<br>(SuctionxDelivery)" | MM        | 100 x 75  | 150 x 100 | 200 x 150 |
|                                          | Inch      | 4 x 3     | 6 x 4     | 8 x 6     |
| Slurry Pump Capacity                     | Cu.M./Hr. | 150       | 200       | 250       |
| Slurry Pump Drive Power                  | KW        | 22        | 30        | 45        |
|                                          | (HP)      | 30        | 40        | 60        |
| "Dewatering Screen<br>Size (L x W)"      | MM        | 4000X1800 | 4000X2100 | 4300X3300 |
| "Dewatering Screen<br>Drive Power"       | KW        | 2.25 x 2  | 3.6 x 2   | 4.2 x 2   |
|                                          | (HP)      | 3 x 2     | 4.8 x 2   | 5.6 x 2   |

\*Details may vary based on application

\*\*Weight inclusive of motor & accessories

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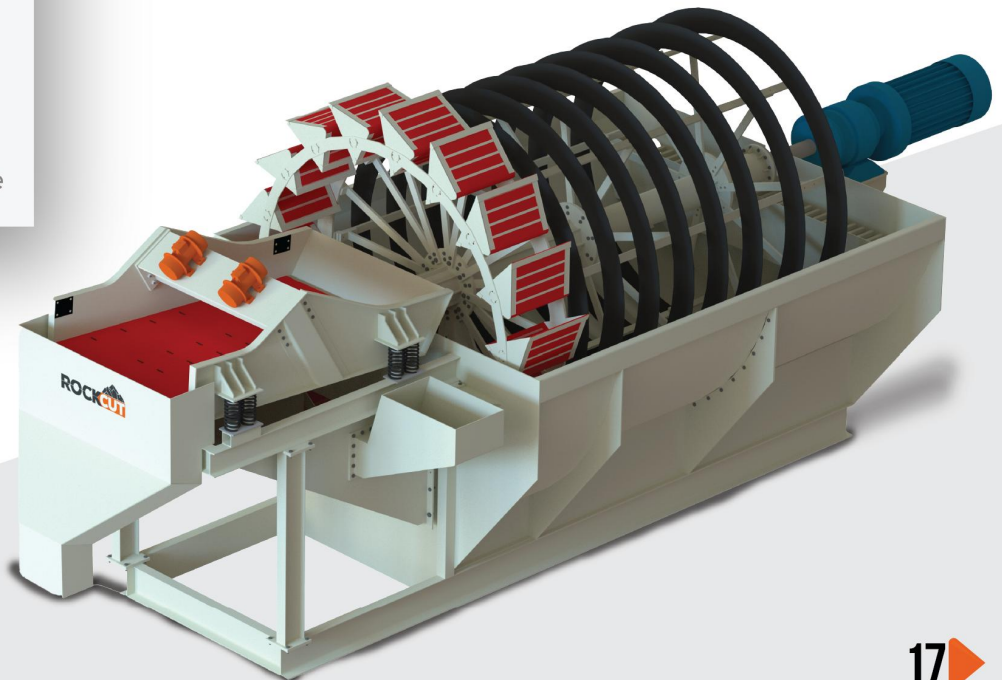
## SANDWASHER

### RCBC Series

RockCut's Sand Washer improves material quality and the versatility of sand making it suitable for multiple applications. Advanced technology integrated with the innovative bucket wheel design results in seamless and streamlined sand washing.

#### PRODUCT HIGHLIGHTS

- Heavy-duty construction to accommodate large volumes of feeds
- VFD controlled bucket wheel calibrations help adjust the level of finesse in the output, as per requirement
- Speed reduction through Planetary gears increases torque making maintenance easy
- Erosion resistant Spiral Wheels lined with Hardox Wear plates
- Anti-corrosive and anti-rust protection coating for the water trough
- Adjustable flumes to control the particle flow via an in-built Weir system



## TECHNICAL DATA

| DESCRIPTION                     | UNIT   | RCBC100   | RCBC150   | RCBC200   |
|---------------------------------|--------|-----------|-----------|-----------|
| Wheel Dia                       | MM     | 2350      | 2500      | 3000      |
| No. of Bucket                   | TPH    | 16        | 18        | 24        |
| *Capacity                       | TPH    | 40-60     | 70-120    | 120-160   |
| "B.C. Drive Power"              | KW     | 4.2X2     | 7.5       | 11        |
|                                 | (HP)   | 5.7X2     | 10        | 15        |
| "Dewatering screen Size(LxW)"   | MM     | 1800X1200 | 2400X1500 | 3000X2400 |
|                                 | (Inch) | 32-6      | 36-7      | 4-72      |
| "Dewatering Screen Drive Power" | KW     | 3.6X2     | 2.25X2    | 3.6X2     |
|                                 | (HP)   | 25X2      | 3X2       | 4.8X2     |

\*Details may vary based on application

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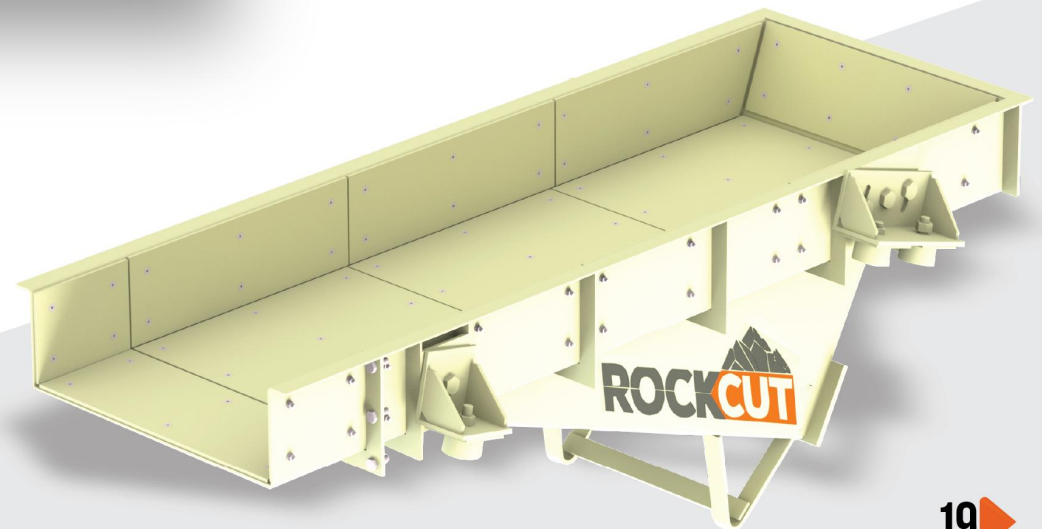
## PAN FEEDER

### RCPF Series

Our Pan Feeder series are modelled to directly feed a primary crusher or an intermediate scalper. This function can be customized for consistent performance and also to increase efficiency.

#### PRODUCT HIGHLIGHTS

- Aggregates production in mining and recycling operations
- Versatile design – standard operations and the scope to tailor-make as per the need
- Reliable and consistently high output
- Ease of use and improved durability
- Compatible with other brand plants too



## TECHNICAL DATA

| DESCRIPTION | UNIT | RCC100   | RCC150    | RCC200    |
|-------------|------|----------|-----------|-----------|
| Size_LxW)   | MM   | 2100x600 | 2500x800  | 2800x1000 |
|             | Feet | 07'x02'  | 8.3'x2.6' | 9.3'x3.3' |
| *Capacity   | TPH  | 100-150  | 200-250   | 300-350   |
| Drive Power | KW   | 1.1x2    | 1.3x2     | 1.6x2     |
|             | (HP) | 15x2     | 1.75x2    | 2.15x2    |

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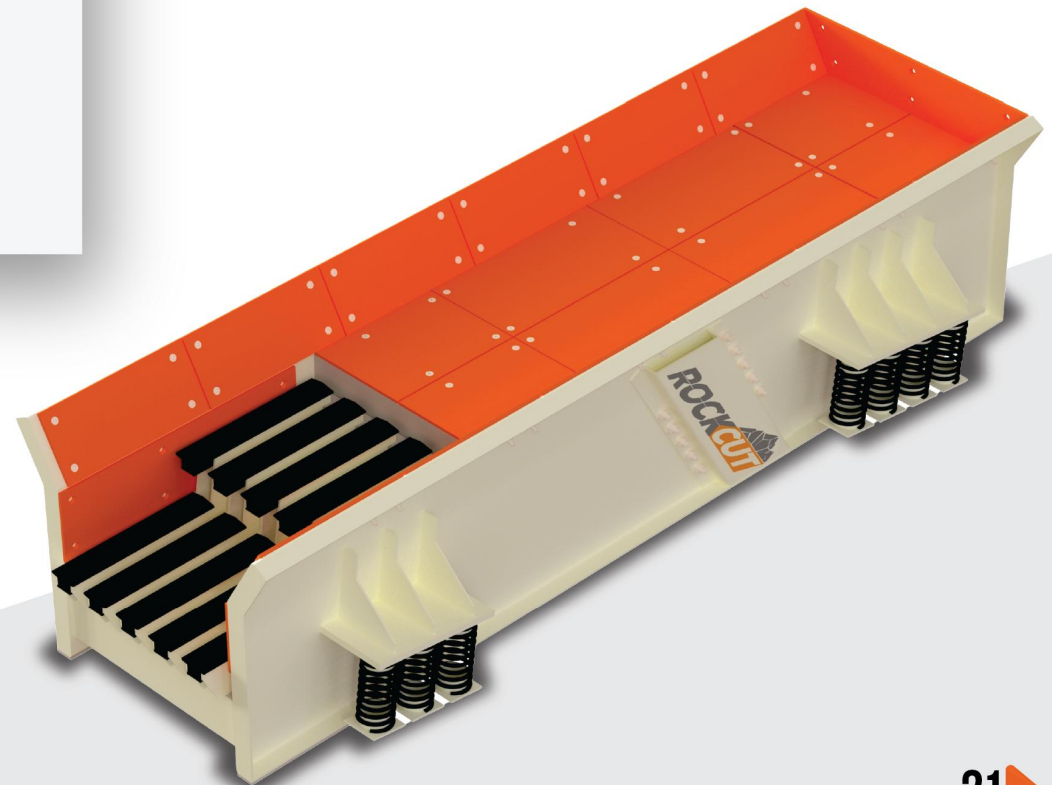
## Grizzly Feeder

### RCGF Series

RockCut's Grizzly feeders are Primary feeders designed to facilitate very high capacities of materials, that can be stationary or mobilize. The feeder's inclined angle and tapering enable prevents pegging of material and increases separation quality.

#### PRODUCT HIGHLIGHTS

- Widely used for materials like rock, gravel, slag, recycled industrial materials and more
- Customizable configurations to fit the application requirements
- Replaceable cartridge component enforced with hardened steel
- Impact spots lined with high-abrasion resistant insulation
- High-performance is driven by a robust electric motor



## TECHNICAL DATA

| DESCRIPTION   | UNIT | RCGF 100  | RCGF 150  | RCGF 200  |
|---------------|------|-----------|-----------|-----------|
| Mantle Dia    | MM   | 4000X900  | 4500X1200 | 4800X1500 |
|               | Feet | 13.3'X03' | 15'X04'   | 16'X04'   |
| *Capacity     | TPH  | 150       | 200-250   | 300-400   |
| Max Feed size | MM   | 900       | 900       | 900       |
| Drive Power   | KW   | 3.7X2     | 4.2X2     | 4.75X2    |
|               | (HP) | 5X2       | 5.7X2     | 6.4X2     |

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