

# PA6060

## Primary Impact Crusher



### Crusher Housing

- Fabricated housing with 1-1/4" AR liners
- Side inspection doors
- Hinged rear maintenance cover

### Rotor Assembly

- Dynamically balanced cast rotor
- Keyless shaft assembly
- 220mm double row spherical roller bearings
- Grease lubrication

### Blow Bars

- Hammer bars: (2) manganese bars, (2) short dummy bars
- Four Manganese blow bar configuration (optional)
- Multiple metallurgies to fit specific applications

### Configuration

- Fully lined fabricated apron with abrasion resistant steel liners
- Two hydraulically adjusted aprons with bolted liners
- Central grease block at rear of crusher
- Left hand drive

### Options

- 1,200RPM TEFC motor
- Motor slide rails
- Alternate diameters sheave
- V-Belt Drive
- V-Belt Drive Guard
- Feed hood with chain curtain
- Automatic Grease Lubrication System

## Physical and Operating Characteristics

| Dimension                             | Standard    | Metric       |
|---------------------------------------|-------------|--------------|
| HSI Feed Opening Width                | 60"         | 1524mm       |
| HSI Feed Opening Height               | 46.5"       | 1182mm       |
| Approx. Capacity*                     | 350-600 TPH | 315-540 mt/h |
| Rotor Diameter                        | 59"         | 1,500mm      |
| Rotor Width                           | 59"         | 1,500mm      |
| Blow Bar Weight                       | 1,050 lb    | 477 kg       |
| Primary Apron Weight                  | 2,330 lb    | 1,057 kg     |
| Secondary Apron Weight                | 1,230 lb    | 558 kg       |
| Base Weight                           | 13,893 lb   | 6,302 kg     |
| 2-Up/2-Down Bar Rotor Assembly Weight | 21,135 lb   | 9,587 kg     |
| Total Weight                          | 56,000 lb   | 25,401 kg    |
| Recommended Power Electric            | 400-500 hp  | 298-373 kW   |
| Rotor RPM Range                       | 350-575**   |              |

| Dimension                                   | Standard      | Metric        |
|---------------------------------------------|---------------|---------------|
| Rotor Tip Speed Range                       | 5480-8920 FPM | 1670-2719 MPM |
| Primary Apron Setting Range                 | 2" – 6"       | 51 mm – 152mm |
| Secondary Apron Setting Range               | 1" – 4"       | 25mm – 102mm  |
| AR Steel Side Liners                        | 1.25"         | 32mm          |
| Side Plate Thickness                        | 1.5"          | 38.1mm        |
| Operating Length                            | 135.5"        | 3443.8        |
| Operating Width                             | 109.7"        | 2786.4        |
| Operating Height                            | 107.9"        | 2740          |
| *Operating envelope based on closed crusher |               |               |
| Service Length                              | 177.05"       | 4497          |
| Service Width                               | 109.7"        | 2786.4        |
| Service Height                              | 132.04"       | 3353.8        |
| *Service envelope based on open crusher     |               |               |

\*Capacities shown are average for medium hard limestone and re to be used as a guide only. Actual capacity will vary with the nature and hardness of the feed, size, and gradation, motor HP, and operating speed, etc.

\*\*Ductile iron sheaves required.

