



Ashapura belcon engineers impactor  
Top Capacities And Products Quality

Quality Is Our First Priority....



**IMPACTOR**



**ASHAPURA BELCON ENGINEERS**

Plot No. 524, Gidc Estate, Phase-IV,  
Opp. Adarsh Plant, V. U. Nagar - 388 121.  
Dist. Anand. (Gujarat). Tele & Fax : + 91 2692-234582, Mo. +91 93777 79773, + 91 93273 43999  
E-mail : a\_belconeng@yahoo.com, E-Mail : info@ashapurabelconengineers.com  
Web. www.ashapurabelconengineers.com, www. beltconveyorsindia.com

ABE Impactors Are Used As Primary And Secondary Crushers For Size Reduction Of Various Materials Like Limestone, Basalt, Blast Furnace Slag, Coal, Dolomite, Gravel, Concrete, Asphalt Atc, In Wet And Dry Applications. These Crushers Offer Other Operators A Very High Ratio Of Reductions. These Crushers Offer Feed Size. These Are No Screens At The Discharge Opening, Thus Avoiding Plugging. ABE Impactors Are Specially Designed To Ensure Reliability Along With Easy Maintenance, Interchangeable Wear Parts And Fat Replacements. These Crushers Require Less Capital Outlay And Produce Higher Percentage Of Cubical Shaped Products Than Competitive Type Crushers.

**Operation :** Feed Enters The Primary Crushing Chamber And Meets The Blow Bars, Which Impels The Feed Against The Front Breaker Plate Assembly. This Action And The Collision Of Material Against New Feed, Results In Impact Reduction. Material Sufficiently Reduced In The Primary Chamber Passes By The Front Breaker Plate Assembly And Enters The Secondary Chamber For Final Reduction.

**Feed Opening :** ABE Impactors Feature A Very Large Feed Opening Which Enables Optimum Utilization Of The Impact Chamber, With High Capacity Rates And Excellent Size Reduction Ratios. In Addition, Plugging Of The Material Is Avoided.

**Blow Bars :** The Blow Bars Are Reversible, Enabling Longer Life And Less Stock Keeping.

**Breaker Plate Assembly :** The Breaker Plate Assembly Can Be Optimally Adjusted For Particular Applications. The Breaker Plate Reacher Plates Are Made Of Wedged Steel And Are Mounted With Replaceable Blow Bars.

**Rotor :** The Rotor Is Mounted On A Large Diameter Forged Shaft, Which Is Supported By Over-sized, Self-aligning, Roller Bearings Acated In Heavy-duty Split Bearing Housings. The Blow Bars Of The Rotor Are Held In The Rotor By A Simple Locking Device. The Complete Rotor Assembly Is Hard-surfaced In Critical Areas And Thermal Stress Relieved.

**Housing :** The Houshing Is Fabricated With Heavy Ribs. It Is Also Hinged And Has Big Inspection Doors For Ease In Maintenance.

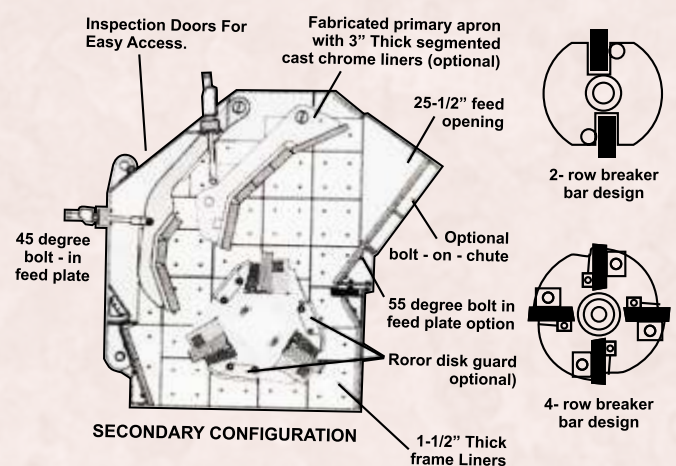
**Drive :** The Impactor Is Driven By V-belts And Electric Motor.

## Key Features Of ABE Impactors :

- Heavy Duty Solid Rotor Construction
- Two, Three And Four Row Configurations
- Greases Oversized Bearings
- Blow Bars Available In Managanese And Various Compositions Of Chrome Steels
- High Reduction Ratios Of 30:1
- High Throughput Capacity
- Cubical Prooduct With High Crush Count
- Selective Crushing By Speed And Breaker Plate Adjustment
- Interchangeable Wear Parts
- Maximum Operating Reliability
- Ease Of Maintenance And Service

Model No.	Rotor Dia. in mm	Rotor Width in mm	Capacity Min-Max	Power in Kw
IM 08/06	800	600	15-25	30
IN 08/08	800	800	20-35	37-55
IM 10/08	1000	800	30-50	45-55
IM 10/10	1000	1000	40-65	55-75
IM 12/10	1200	1000	60-100	75-90
IM 12/12	1200	1200	75-120	90-110

Capacity Figures Are Indicative For Material Of 1.6 Vcu-m  
Actual Figures May Vary Depending Upon The Type Of Feed, Material Moisture Content Etc.



# ASHAPURA BELCON ENGINEERS