

UNIVERSAL ANDREAS IMPACT CRUSHER (PRIMARY)



The Universal Primary Andreas Impact Crushers are the most advanced line of Andreas impact crushers available today. These Andreas impactors were developed by Universal to withstand the rigors of accepting boulder size feed. The reinforced curtains provide for controlled material flow through the crusher, and allows for quick adjustments to maintain product quality. The heavy duty rotor design generates a high-inertia impact force capable of reducing boulders to cobblestone in a single pass. Universal uses a special alloy steel hammer capable of withstanding these forces. The unique shape of the rotor hammers provide maximum penetration and consistent production.

Benefits:

- High productivity
- Low maintenance costs
- Less energy consumption
- Cubical product
- Decreased wear
- Low initial investment

Standard Design Features:

- Main housing, fabricated plate steel construction.
- Hydraulic cylinders to access interior of impactor.
- Hydraulic unit for hood opening.
- Access doors.
- Fabricated disc rotor assembly.
- Reversible top load hammers.
- Two (2) gravity hung impact curtains.
- Rotor lock.

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Optional Equipment Available:

- Crusher sheave
- Motor sheave
- V-belts
- Jib crane
- Drive guard
- Electric motor
- Feed hood with protective chain and rubber curtain

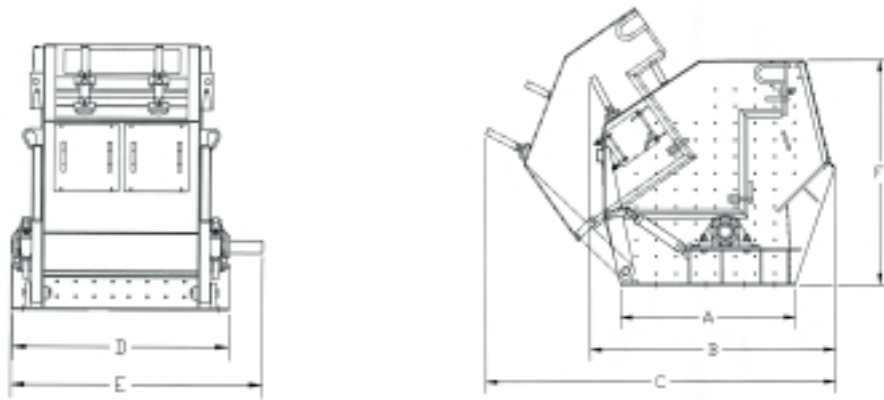


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DIMENSIONS

IMPACT MODEL		5145	5160	5175
A = Length at Base	in mm	83.07 2,109.99	83.07 2,109.99	83.07 2,109.99
B = Length with Hood Closed	in mm	117.07 2,973.59	117.07 2,973.59	117.07 2,973.59
C = Length with Hood Open	in mm	166.66 4,233.18	166.66 4,233.18	166.66 4,233.18
D = Width at Housing	in mm	72.05 1,830.08	87.00 2,209.81	102.44 2,601.99
E = Width at Shaft	in mm	86.02 2,184.92	101.57 2,579.89	115.94 2,944.89
F = Height - Closed (less hood and chain curtain)	in mm	108.07 2,744.99	108.07 2,744.99	108.07 2,744.99

SPECIFICATIONS

Feed Opening	in mm	39 x 45 990 x 1,145	39 x 60 990 x 1,525	39 x 75 990 x 1,905
Maximum Feed Size	in mm	38 965	38 965	38 965
Rated Capacity*	STPH MTPH	up to 400 up to 365	up to 500 up to 455	up to 600 up to 545
Rotor Diameter x Width	in mm	51 x 45 1,295 x 1,143	51 x 60 1,295 x 1,524	51 x 75 1,295 x 1,905
Weight	lb kg	33,700 15,285	48,500 22,000	57,700 26,168
Speed	RPM	600	600	600
Horsepower	HP	200-300	250-400	350-500
Standard Hammers - Weight - Rows - Material	lb(kg)	964(437) 4 x 1 Chrome Steel	641(291) 4 x 2 Chrome Steel	802(364) 4 x 2 Chrome Steel
Curtain Liners - Weight - Width - Thickness	lb(kg) in(mm) in(mm)	244(111) 15(381) 3(76)	244(111) 15(381) 3(76)	244(111) 15(381) 3(76)
Side Liners - Weight - Thickness	lb(kg) in(mm)	63(29) 75(1,905)	63(29) 75(1,905)	63(29) 75(1,905)

- * Rated capacity is established with new or well maintained hammers. Capacity will be less with worn wear parts.
- ** Of minus 6" product.

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