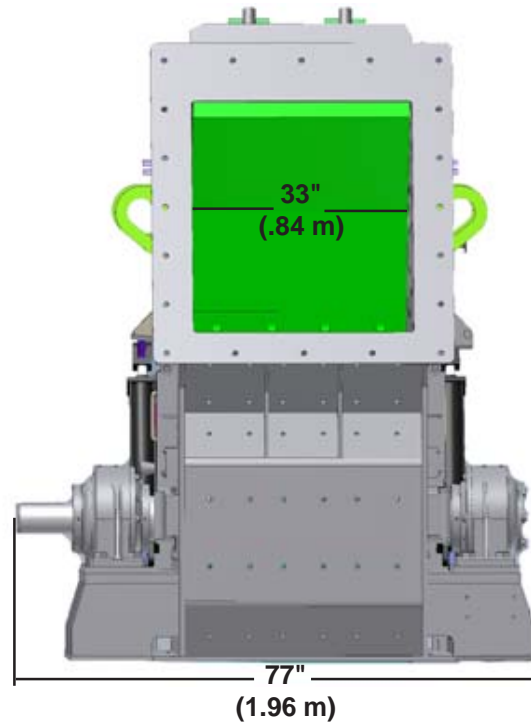
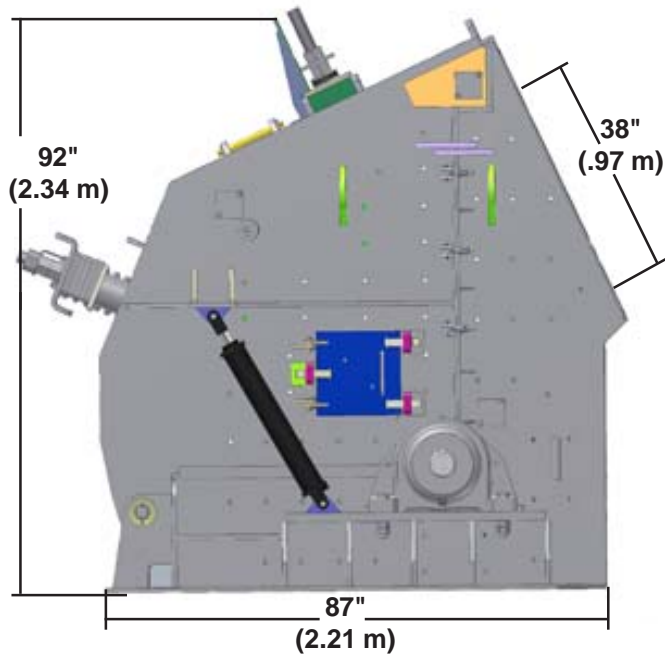


HORIZONTAL SHAFT IMPACTOR Model 4233 Spec Sheet



- **SHAFT**

- SAE4150 steel shaft

- **BEARINGS**

- Self-aligning spherical roller bearing (180mm)

- **ROTOR**

- 3 bar solid rotor design
- Stress relieved

- **IMPACT BARS**

- Multiple chemistries available (350 lbs each)

- **CRUSHER HOUSING**

- Fabricated 3/4" plate
- Stress relieved
- Rear section opens for easy access

- **PRIMARY APRON**

- Fabricated 4" Hardox abrasive resistant steel
- Adjustable for gradation control
- Replaceable wear tips

- **SECONDARY APRON**

- Fabricated 4" Hardox abrasive resistant steel
- Adjustable for gradation control
- Replaceable wear tips

- **ADJUSTMENT**

- Screw type for easy setting of crusher

- **CHAMBER LINERS**

- 1-1/4" AR abrasive resistant steel

- **LUBRICATION**

- Grease system

● **CRUSHER DATA**

HSI Feed Opening.....36" H x 33" W (914mm x 838mm)
 Rotor Dimensions.....42" Dia x 33" W (1067mm x 838mm)
 Weight.....23,300 (10,570 kg)
 RPM.....450-600
 FPM.....5000-6500

Recommended HP.....100-150 Electric, 225 Diesel
 Approx. Capacities*.....100-200 tph
 Maximum Feed Size 24" x 24" 12" Recycle
 18" Limestone
 16" Hard Rock
 Minimum Apron Setting Primary 2"
 Secondary 1"

* Capacity depends on feed size and gradation, type of material, etc.

Horizontal Shaft Impact Crusher Gradations
 Gradation Control Based on Rotor Tip Speed

Andreas - 4230, 4233, 4240, 4250, 5260-3, 5260-4						
Feed	Limestone		Hard Rock		Rubble	
Gap	4 & 2		3 1/2 x 1 1/2		4 & 2	
Speed	6500	5000	6500	5000	6500	5000
Sieve Size						
3"		100				100
2 1/2"		96		100	100	93
2"	100	93	100	95	93	86
1 1/2"	96	90	94	88	85	80
1 1/4"	90	81	88	80	77	70
1"	85	72	83	72	70	60
7/8"	79	62	77	63	63	55
3/4"	73	53	71	54	55	50
5/8"	63	45	64	49	47	43
1/2"	54	38	57	45	40	35
3/8"	44	31	46	38	35	30
1/4"	35	25	36	30	30	25
#4	28	21	32	24	25	20
#8	20	15	23	18	20	15
#16	15	11	17	14	15	10
#30	12	8	12	9	10	5
#50	9	7	10	7	5	2
#100	7	6	8	5	3	1
#200	4	3	5	3	2	0.3

NOTE: Specifications are subject to change without notice.

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