



UNIVERSAL NGS IMPACT CRUSHER

McLanahan's Universal NGS Impact Crusher is a secondary impactor designed to bring more profitability to your operation by providing a superior, highly cubical product while reducing your overall operating expense.

Built To Last, Built For Safety

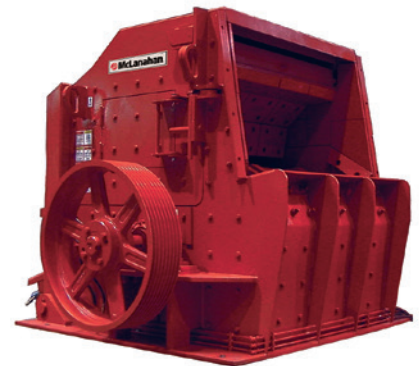
This impactor offers reduced downtime for adjustments, fewer wear parts to inventory, and the ability to field modify when material requirements change. Universal NGS Impact Crushers feature hydraulic-shim adjustment on each impact curtain. These independent gravity-hung impact curtains are equipped with individual hydraulic shims that can be adjusted from outside of the machine. The curtains are lined with 3" thick chrome-alloy steel castings with a 4-bolt pattern. Full width liners and the lighter 2-bolt liners are also available upon request. Interior walls of the crushing chamber are protected by interchangeable abrasion resistant, alloy steel liners. These features make the Universal NGS Impact Crusher safer, and make it easier for operators to replace and repair worn components.

The Impactor That Works With You

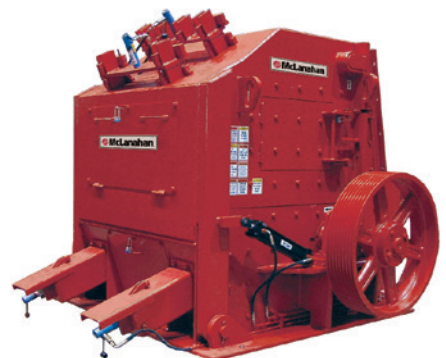
The Universal NGS Impact Crusher features interchangeable liners, extra-large inspection doors and access for general maintenance, and various safety devices. A single hydraulic power unit for the hood-opening cylinders and each of the impact curtains allows easy access to the interior of the crusher. Many of the tasks that were measured in hours are now measured in minutes, meaning the operator spends less time in the machine and more time crushing. The feed chute is a bolt-on module that controls the feed angle into the rotor and permits feed customization to components such as screens, feeders and conveyors. This impactor is also designed for an optional third curtain module to better control top size and assist in meeting difficult aggregate specifications.

Productive And Profitable Crushing

The disc-type rotor in the Universal NGS Impact Crusher is equipped with top-loading "S" shaped hammers with a protruding leading edge for maximum sustained productivity throughout the life of the hammers. The orientation of the curtains and the rotor provides the geometry for true impact crushing with minimal abrading and attrition. With the Universal NGS Impactor, your operation will benefit from higher reduction ratios at a lower cost per ton. You will also get a cubical product with superior soundness and a highly versatile machine.

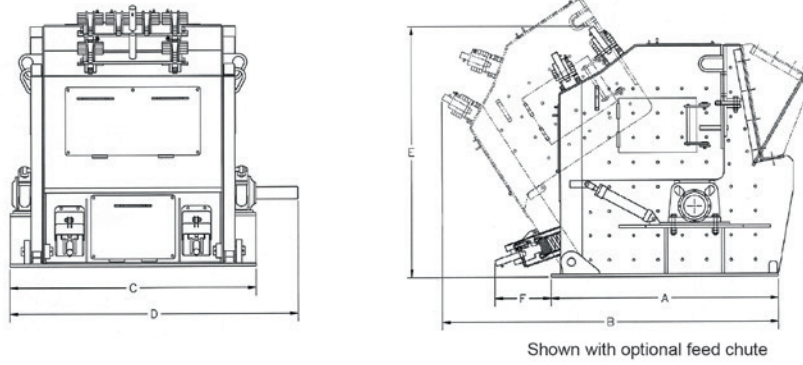


Front View



Rear View

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Dimensions

		130/75	130/115	130/150	130/190	150/150	150/190	150/230
A = Length at Base	in	84.00	84.00	84.00	84.00	96.25	96.25	96.25
	mm	2,133.61	2,133.61	2,133.61	2,133.61	2,444.76	2,444.76	2,444.76
B = Length at Hood Opening	in	124.25	124.25	124.25	124.25	147.00	147.00	147.00
	mm	3,155.96	3,155.96	3,155.96	3,155.96	3,733.81	3,733.81	3,733.81
C = Width at Housing	in	57.50	72.50	87.50	102.50	101.25	116.25	131.25
	mm	1,406.51	1,841.51	2,222.51	2,603.51	2,571.76	2,952.76	3,333.76
D = Width at Shaft	in	72.56	87.56	102.56	117.56	119.63	134.63	149.63
	mm	1,843.03	2,224.03	2,605.03	2,986.04	3,038.61	3,419.62	3,800.62
E = Height - Open	in	103.25	103.25	103.25	103.25	124.00	124.00	124.00
	mm	2,622.56	2,622.56	2,622.56	2,622.56	3,149.61	3,149.61	3,149.61
Height - Closed	in	92.44	92.44	92.44	92.44	110.00	110.00	110.00
	mm	2,347.99	2,347.99	2,347.99	2,347.99	2,794.01	2,794.01	2,794.01

Specifications

		130/75	130/115	130/150	130/190	150/150	150/190	150/230
*Feed Opening (Traditional Feed Chute)	in	16.5 x 31	16.5 x 46	16.5 x 61	16.5 x 76	20.5 x 61	20.5 x 76	20.5 x 91
	mm	419 x 787	419 x 1168	419 x 1549	419 x 1930	521 x 1549	521 x 1930	521 x 2311
Maximum Feed Size	in	12	14	14	14	16	16	16
	mm	304	355	355	355	406	406	406
Capacity @ -1" (25mm)	STPH	125	190	250	315	350	440	525
	MTPH	115	175	230	285	320	400	480
Discharge Opening (Diameter x Width)	in	53 x 31	53 x 46	53 x 61	53 x 76	62.25 x 61.25	62.25 x 76.25	62.25 x 91.25
	mm	1,346 x 787	1,346 x 1,168	1,346 x 1,549	1,346 x 1,930	1,581 x 1,556	1,581 x 1,937	1,581 x 2,318
Rotor (Diameter x Width)	in	50 x 30	50 x 45	50 x 60	50 x 75	60 x 60	60 x 75	60 x 90
	mm	1,270 x 762	1,270 x 1,143	1,270 x 1,524	1,270 x 1,905	1,524 x 1,524	1,524 x 1,905	1,524 x 2,286
Weight	lb	23,000	28,500	33,300	38,100	52,250	58,900	65,500
	kg	10,433	12,927	15,105	17,282	23,700	26,717	29,710
Speed	RPM	470	470	431	431	400	400	400
Horsepower	HP	125	200	300	400	450	600	700
Standard Hammers - Weight - Rows - Per Row	lbs. (kg)	346 (157)	260 (118)	346 (157)	260&346 (118&157)	346 (157)	260&346 (118&157)	346 (157)
		4	4	4	4	5	4	5
		1	2	2	2&1	2	2&1	3
Curtain Liners - Weight - Thickness	lbs. (kg)	137 (62)	137 (62)	137 (62)	137 (62)	157 (71)	157 (71)	157 (71)
	in (mm)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)
Side Liners - Weight - Thickness	lbs. (kg)	45 (20)	45 (20)	45 (20)	45 (20)	45 (20)	45 (20)	45 (20)
	in (mm)	1 (25)	1 (25)	1 (25)	1 (25)	1.5 (38)	1.5 (38)	1.5 (38)

*NOTE: The bolt-on feed chute enables the Universal NGS Impactor to accommodate a wide variety of specialized chutes designed for screens and conveyors, including custom-designed transition chutes. Contact your McLanahan representative for more details.

Additions For Third Curtain Option

		130/75	130/115	130/150	130/190	150/150	150/190	150/230
Weight	lb	1,400	1,850	2,200	2,750	2,700	2,750	3,300
	kg	635	839	998	1,247	1,225	1,247	1,497
The Dimensions of "F"	in	20.75	20.75	20.75	20.75	20.75	20.75	20.75
	mm	527.05	527.05	527.05	527.05	527.05	527.05	527.05
Curtain Liners - Weight - Thickness	lb (kg)	137 (62)	137 (62)	137 (62)	137 (62)	157 (71)	157 (71)	157 (71)
	in (mm)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)