



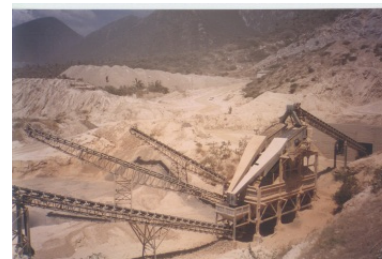
ROCOSA®

GRUPO INDUSTRIAL, S.A. DE C.V.

WE OFFER COMPLETE CRUSHING & SCREENING SOLUTIONS FOR THE CONSTRUCTION & MINING INDUSTRIES, TURN-KEY PROJECTS, STATIONARY & PORTABLE PLANTS, AND SPECIAL CONTRACT SERVICES AVAILABLE.

¡COMPLETE CRUSHING & SCREENING SOLUTIONS!

Primary Impact Crusher



www.rocosa.com

Extra Heavy-Duty

HEADQUARTERS

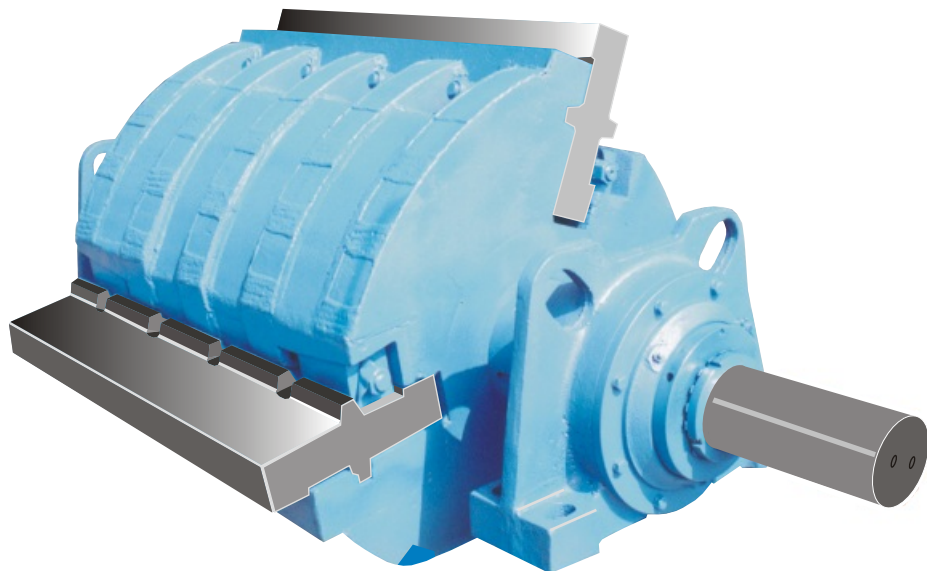
Blvd. Luis Donaldo Colosio Km. 4, Santa Catarina, Nuevo León; México
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e-mail: ventas@rocosa.com

Construction & Mining Industries



PRIMARY IMPACT CRUSHER

The large reduction ratio 20 to 1, and the cubic form of the product provided by the impact action, make this crusher the ideal machine for your quarry. Suitable for applications where high tonnage is required, and can be used with a variety of materials, including some hard and abrasive minerals.



POWERFUL BALANCED SOLID ROTOR

Today's high production requirements can only be delivered using high performance machines, our Horizontal Shaft Impact Crushers are designed to meet the needs of modern industry.

The soul of our Impact Crusher is its powerful rotor, made of the highest quality steel, equipped with reliable reversible manganese steel blowbars, main shaft made of chrome-nickel-molybdenum, and roller bearings of high load capacity with heavy-duty steel casted pillow blocks make this vital part of the machine the best insurance for long productive lifetime.

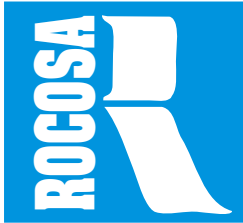
It is also equipped with one heavy-duty impact apron that permits setting adjustment to achieve the

desired product, includes a mechanical protection system against un-crushable materials entering the machine.

The solid housing is fully stress relieved, includes a hydraulic system to quickly lift the upper part of the housing in order to have complete access inside the crushing chamber and permit full maintenance.

The housing features lateral inspection doors, for a quick & easy view inside the crusher.

The complete design of our Impact Crusher is thought to minimize maintenance time, and lengthen its productive lifetime to the fullest.



PRIMARY IMPACT CRUSHER



Photo: Does Not Include Hydraulic Opening System. For Illustration Purposes Only.

SPECIFICATION TABLE

MODEL	RPM	HP	MTPH (SETTING)	WEIGHT (KG)
25"X25"-HD	600-750	75-100	75-100 (2"-3")	6,700
30"X40"-HD	550-725	100-150	100-150 (3"-4")	8,500
40"X50"-HD	500-600	150-250	200-300 (4"-5")	16,500
50"X60"-HD	400-650	250-400	400-600 (5"-6")	27,500
60"X70"-HD	350-550	400-500	750-1000 (6"-8")	38,500

* Specifications shown are subject to changes without prior notice.

NOTE: The production capacity depends on a number of variables, like: feed method, power installed, and the moisture in the raw material, among other factors. As shown are approximate capabilities, these are based using dry limestone, in normal operating conditions.

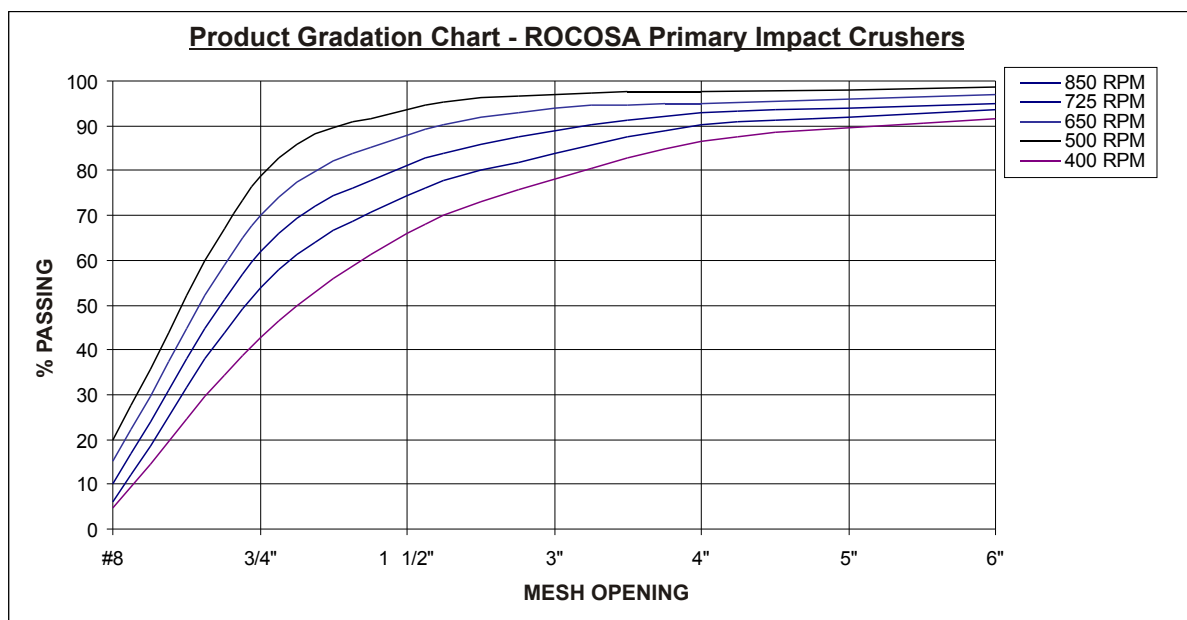


PRIMARY IMPACT CRUSHER



PRODUCT ANALYSIS CHART OPEN CIRCUIT

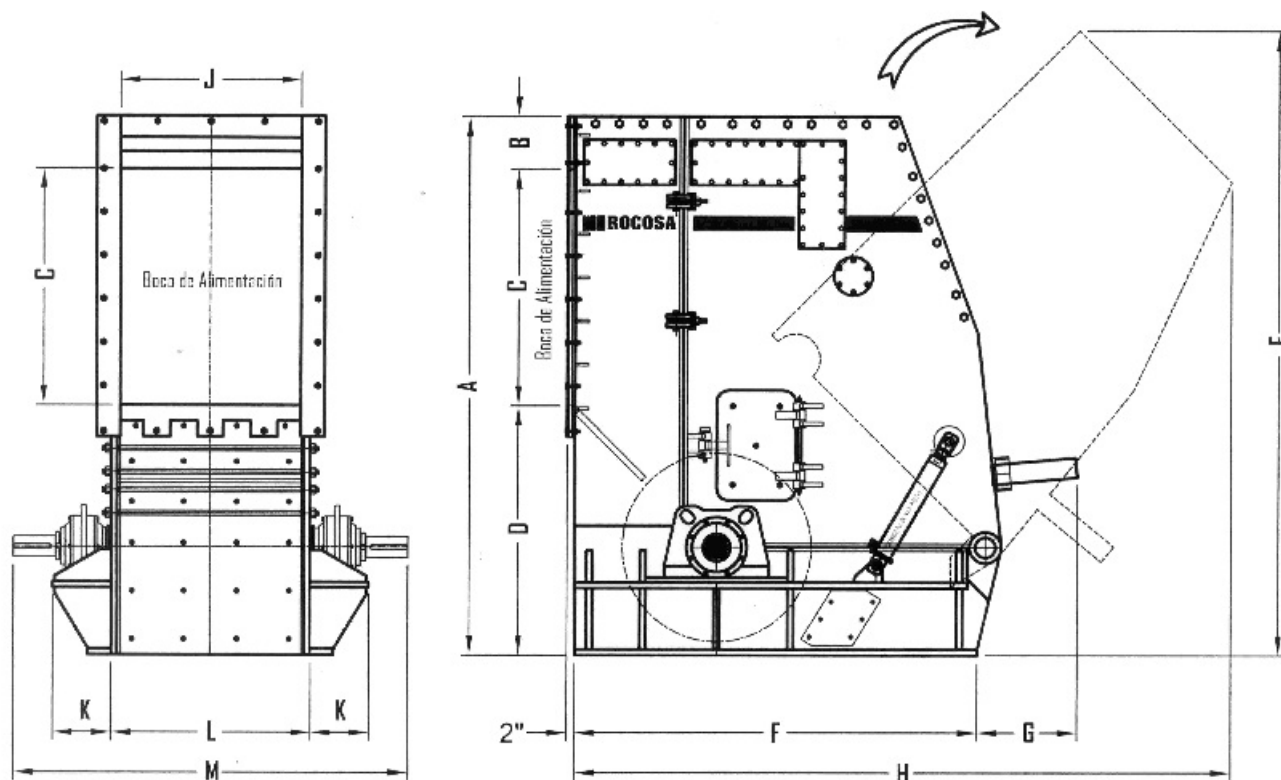
PRODUCT RANGE	CRUSHER SETTING (IN)																												
	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6		
+10"						3%						5%	10%						2%	10%	19%					5%	15%	25%	
-10" +9"					2%	4%					2%	2%	3%						3%	5%	5%					4%	6%	6%	
-9" +8"					3%	4%					3%	3%	5%						5%	6%	5%				1%	6%	7%	7%	
-8" +7"				2%	4%	5%				2%	4%	6%	5%					3%	6%	6%	6%				6%	7%	8%	6%	
-7" +6"				5%	6%	5%				3%	5%	7%	6%					7%	8%	7%	5%				8%	8%	6%	6%	
-6" +5"			4%	6%	6%	6%			2%	5%	7%	7%	7%					2%	10%	8%	6%	6%			5%	10%	11%	6%	5%
-5" +4"			6%	7%	7%	7%			3%	8%	9%	7%	7%					8%	9%	8%	6%	6%			10%	13%	9%	6%	5%
-4" +3 1/2"		2%	5%	5%	4%	4%			3%	6%	5%	4%	4%					7%	6%	5%	4%	4%			8%	7%	4%	3%	3%
-3 1/2" +3"		5%	5%	5%	5%	4%			5%	6%	4%	4%	3%					7%	5%	3%	3%	3%		1%	8%	5%	4%	3%	3%
-3" +2 3/4"		3%	4%	3%	3%	3%			4%	3%	3%	3%	3%					4%	3%	3%	3%	2%		2%	5%	3%	2%	3%	2%
-2 3/4" +2 1/2"		3%	3%	3%	3%	2%			1%	4%	3%	3%	2%	2%				2%	4%	3%	2%	3%	2%		3%	5%	2%	2%	2%
-2 1/2" +2 1/4"		4%	4%	3%	3%	3%			2%	4%	3%	2%	3%	3%				3%	4%	2%	3%	2%	2%		4%	4%	3%	2%	2%
-2 1/4" +2"		4%	4%	3%	3%	3%			3%	4%	3%	3%	3%	3%				5%	4%	3%	3%	2%	2%		5%	5%	3%	3%	2%
-2" +1 3/4"	2%	5%	4%	4%	3%	3%			4%	5%	4%	4%	3%	3%				6%	5%	3%	3%	3%	3%		8%	4%	3%	3%	3%
-1 3/4" +1 1/2"	4%	4%	5%	4%	4%	4%			5%	5%	4%	3%	4%	3%				7%	4%	4%	3%	3%	3%		8%	4%	3%	3%	3%
-1 1/2" +1 1/4"	7%	6%	5%	5%	4%	4%			7%	6%	5%	5%	4%	4%				9%	5%	4%	3%	4%	3%		11%	4%	3%	3%	3%
-1 1/4" +1"	8%	6%	6%	5%	5%	4%			8%	5%	5%	4%	5%	4%				8%	5%	5%	4%	3%	3%		8%	5%	5%	4%	3%
-1" +7/8"	5%	4%	3%	3%	2%	3%			5%	3%	3%	3%	2%	2%				5%	3%	3%	3%	2%	3%		4%	3%	2%	2%	2%
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-1/4" +4M	5%	5%	4%	3%	4%	3%			6%	4%	3%	3%	2%	2%				7%	4%	4%	2%	2%	2%		5%	3%	2%	1%	1%
-4M +8M	15%	10%	7%	5%	4%	3%			10%	7%	5%	3%	3%	2%				9%	5%	3%	3%	2%	2%		6%	3%	2%	1%	1%
-8M	20%	11%	9%	8%	7%	6%			17%	9%	7%	6%	5%	4%				12%	7%	5%	4%	4%	3%		9%	4%	3%	3%	2%
MODEL / RPM	TI-30"X40" / 600-725 RPM							TI-30"X40" / 450-600 RPM TI-40"X50" / 500-600 RPM TI-50"X60" / 550-650 RPM							TI-50"X60" / 400-500 RPM TI-60"X70" / 450-550 RPM							TI-6070 / 350-450 RPM							



GRADATION PRODUCT ANALYSIS & GRAPH CHARTS FOR REFERENCE-ONLY USE.

A number of variables like: hardness & abrasiveness of material, size & feed method, speed, and the moisture in the raw material, among other factors, will affect all output gradation. Data as shown are based using dry limestone, in normal operating conditions.

General Dimensions



FRONT VIEW

LATERAL VIEW

GENERAL DIMENSIONS (IN)

MODEL	WEIGHT (KG)	A	B	C	D	E	F	G	H	J	K	L	M
25"X25"-HD	6,700	74	7-1/4	25	41-3/4	90-3/8	61	22-25/32	93-7/8	25	10-1/4	29	64-1/8
30"X40"-HD	8,500	95	8-1/2	40	46-1/2	113-9/16	74-1/2	17-7/16	118-11/16	30	10-1/2	33-3/4	76
40"X50"-HD	16,500	117	12-1/2	50	54-1/2	136-1/4	86	24	142	40	10-7/8	41	87
50"X60"-HD	27,500	137	13-1/2	60	63-1/2	159	102	25	165-7/8	46	15	50-1/2	108-1/2
60"X70"-HD	38,500	165	18-3/16	70	76-1/2	210	122-3/8	30	199	58	18	60-5/8	133

NOTES:

*Dimensions are subject to change without prior notice.

*All dimensions are preliminary, and must be considered as a reference only.

*For installation dimensions, certified drawings must be supplied by ROCOSA.

* For availability of special models or sizes, please consult our engineers in ROCOSA.

