



ROCOSA®

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

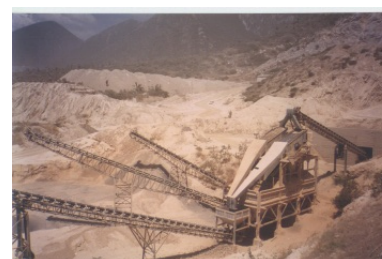
WE OFFER COMPLETE CRUSHING & SCREENING SOLUTIONS FOR THE CONSTRUCTION & MINING INDUSTRIES, TURN-KEY PROJECTS, STATIONARY & PORTABLE PLANTS, AND SPECIAL CONTRACT SERVICES AVAILABLE.

¡COMPLETE CRUSHING & SCREENING SOLUTIONS!

Secondary Impact Crushers



- Apron Feeders
- Vibratory Feeders
- Belt Feeders
- Grizzly Feeders
- Inclined Vibratory Screens
- Horizontal Vibratory Screens
- Bucket Elevators
- Fine Material Screw Washers



- Primary Horizontal Impact Crusher
- Secondary Horizontal Impact Crusher
- Tertiary Vertical Shaft Impact Crusher
- Primary Jaw Crushers
- Secondary Cone Crushers
- Portable Plants
- Belt Conveyors
- Radial Stacking Conveyors



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Recommended For Medium/Low Abrasive Materials

HEADQUARTERS

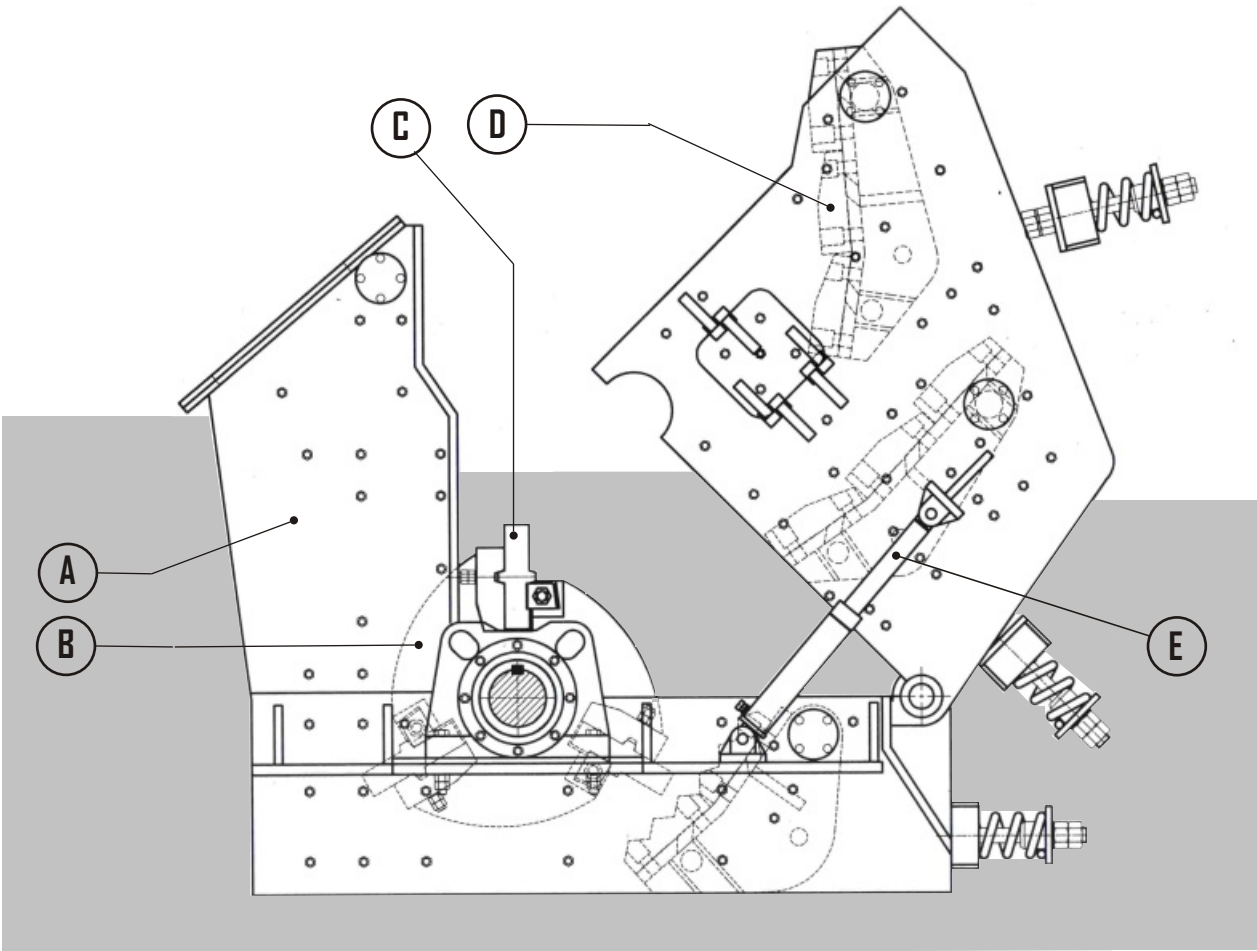
Blvd. Luis Donaldo Colosio Km. 4, Santa Catarina, Nuevo León; México
C.P. 66350 Phones. 52 (81) 8316-5442 / 52 (81) 8316-5287 / FAX.-52 (81) 8316-4285
e-mail: ventas@rocosa.com

For the Construction & Mining Industries



Secondary Impact Crushers

Recommended For Medium/Low Abrasive Materials
Excellent for the production of cubic shape construction aggregates



MAIN DESIGN FEATURES

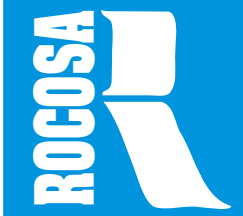
A. FRAME.- Built in cold rolled steel plate and welded structural steel makes it a virtually indestructible unit. The inner surfaces are protected with replaceable anti-wear and abrasion resistant Hardox steel liners.

B. ROTOR.- Available in different rotor configurations. It's a very robust rotor, with extra-heavy duty design and construction, mounted on a special nickel-chrome alloy shaft, with self-aligning dust-sealed roller bearings. Finally balanced for smooth low vibration operation.

C. BLOWBARS.- Available in a variety of materials starting from the standard manganese steel, up to special alloys with abrasive resistant inserts, our blowbars are designed with a reversible pattern to obtain the maximum production performance out of each bar. Its simple design helps achieve quick replacement times, eliminating unproductive downtime.

D. ADJUSTABLE IMPACT APRONS.- The machine can be equipped with 2 or 3 adjustable impact aprons, that can be mechanically adjusted to zoom in or out from the rotor to always obtain the desired product size, as well as maintaining the desired settings throughout the normal wear process of the blowbars/hammers and apron liners. The aprons are equipped with thick replaceable manganese steel liners, which allow greater economy in the operation of the machine. They also have a mechanical protection system that helps prevent the crusher from serious damage if an uncrushable material enters the crushing chamber.

E. ACCESSIBILITY.- By removing a pair of security bolts, the action of two hydraulic cylinders located on the sides of the machine, opens total access to the crushing chamber, thus allowing the necessary maintenance. Saving time is always very valuable, so having a quick and easy access helps operators control costs in the production line.



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SPECIFICATION TABLE										
MODEL	WEIGHT (KGS.)	MAX. FEED SIZE	HP	RPM	SETTING IN APRON #2 / CAPACITY (MTPH)					
					3"	2-1/2"	2"	1-1/2"	1"	3/4"
30X30-HD	8,750	-4"	150-200	510-865	210	185	170	145	125	75
40X40-HD	12,500	-6"	200-250	510-865	260	230	210	185	155	115
50X50-HD	16,000	-8"	250-300	510-865	380	345	305	255	200	170
50X55-HD	21,750	-6"	2X300	510-865	480	440	405	350	300	270
50X65-HD	23,825	-6"	2X500	510-865	580	540	505	450	400	370

NOTE: The production capacity and Power (HP) fields depend on the hardness and gradation of the material to be processed.

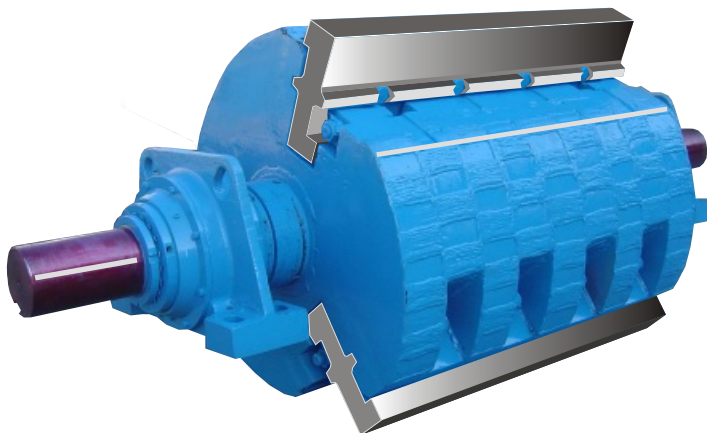
- TMPH = Metric tons produced per hour.
- HP = Power Requirement.
- RPM = Revolutions per minute of rotor.

These capabilities are total tonnes produced in open circuit.

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.



Secondary Impact Crushers



POWERFUL BALANCED SOLID ROTOR

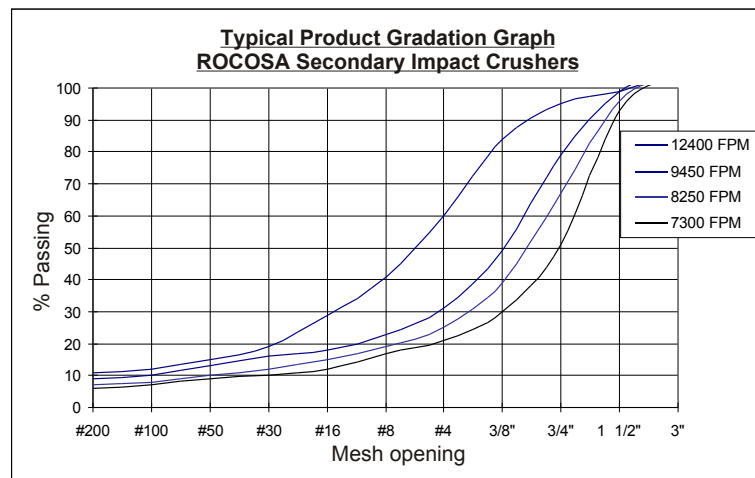
Today's high production requirements can only be delivered using high performance machines, our Horizontal Shaft Impact Crushers are designed to meet the needs of modern industry.

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 2 or 3 heavy-duty impact aprons that permits setting adjustment to achieve the desired product, they include 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.

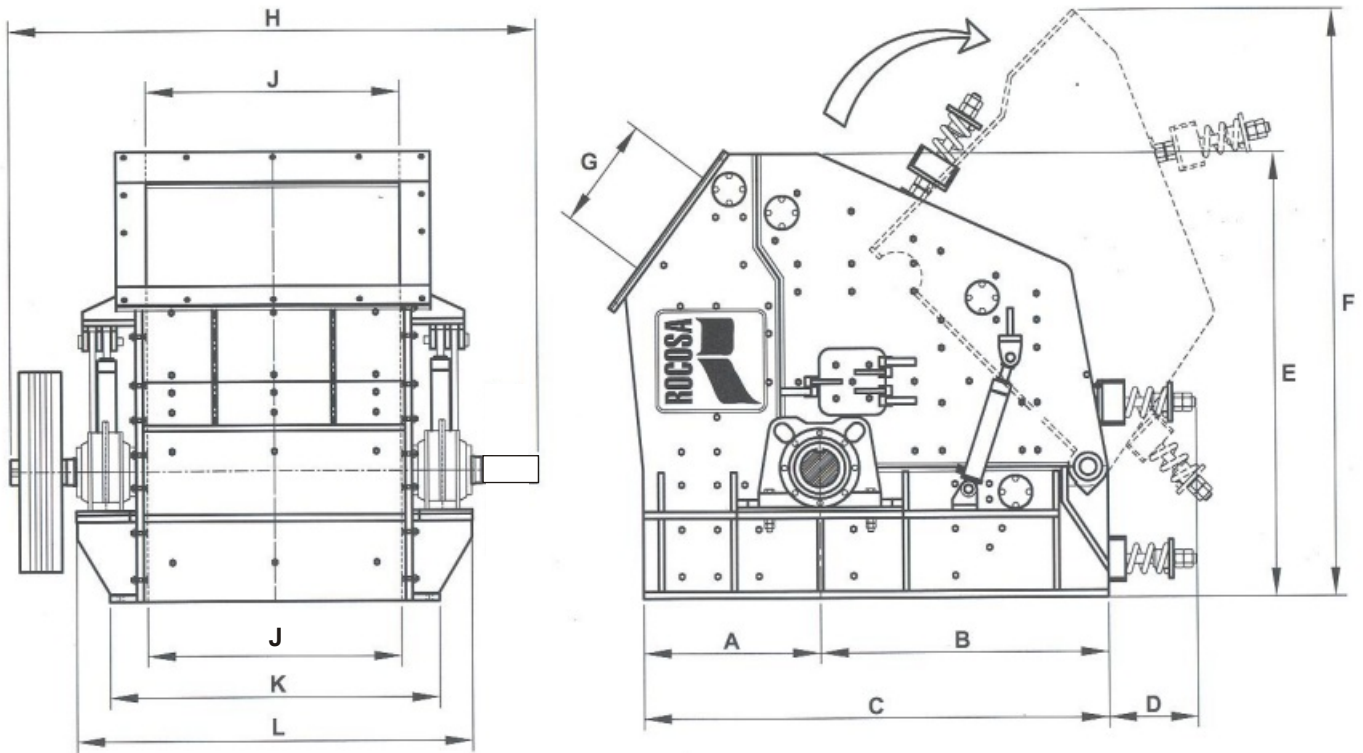
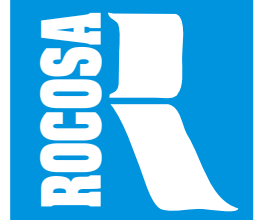


GRADATION PRODUCT ANALYSIS & GRAPH CHARTS FOR REFERENCE-ONLY USE.

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



GENERAL DIMENSIONS (IN)

MODEL	WEIGHT (KG)	A	B	C	D	E	F	G	H	J	K	L
30X30-HD	8,750	28	47-7/16	75-7/16	15-1/2	72	100-1/2	16	76-5/8	30	45-1/2	54-1/2
40X40-HD	12,500	32	52	84	17-1/8	80	105-1/2	23	95-1/2	46	59-3/4	71-3/4
50X50-HD	16,000	36	62	98	20-1/2	92	122-1/4	25	116	54	88-1/2	88-1/2
50X55-HD	21,750	36	62	98	20-1/2	92	122-1/4	25	107-3/4	54-1/4	72-1/2	84-3/4
50X65-HD	23,825	36	62	98	20-1/2	92	122-1/4	25	118	64-1/2	80-1/2	95

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.

