



ROCOSA

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

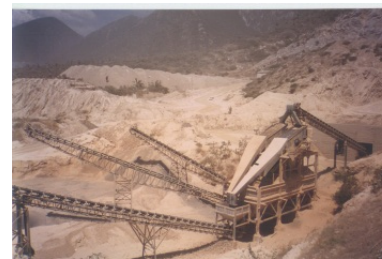
WE OFFER COMPLETE CRUSHING & SCREENING SOLUTIONS FOR THE CONSTRUCTION & MINING INDUSTRIES, TURN-KEY PROJECTS, STATIONARY & PORTABLE PLANTS, AND SPECIAL CONTRACT SERVICES AVAILABLE.

¡COMPLETE CRUSHING & SCREENING SOLUTIONS!

Primary Jaw 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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Extra Heavy-Duty

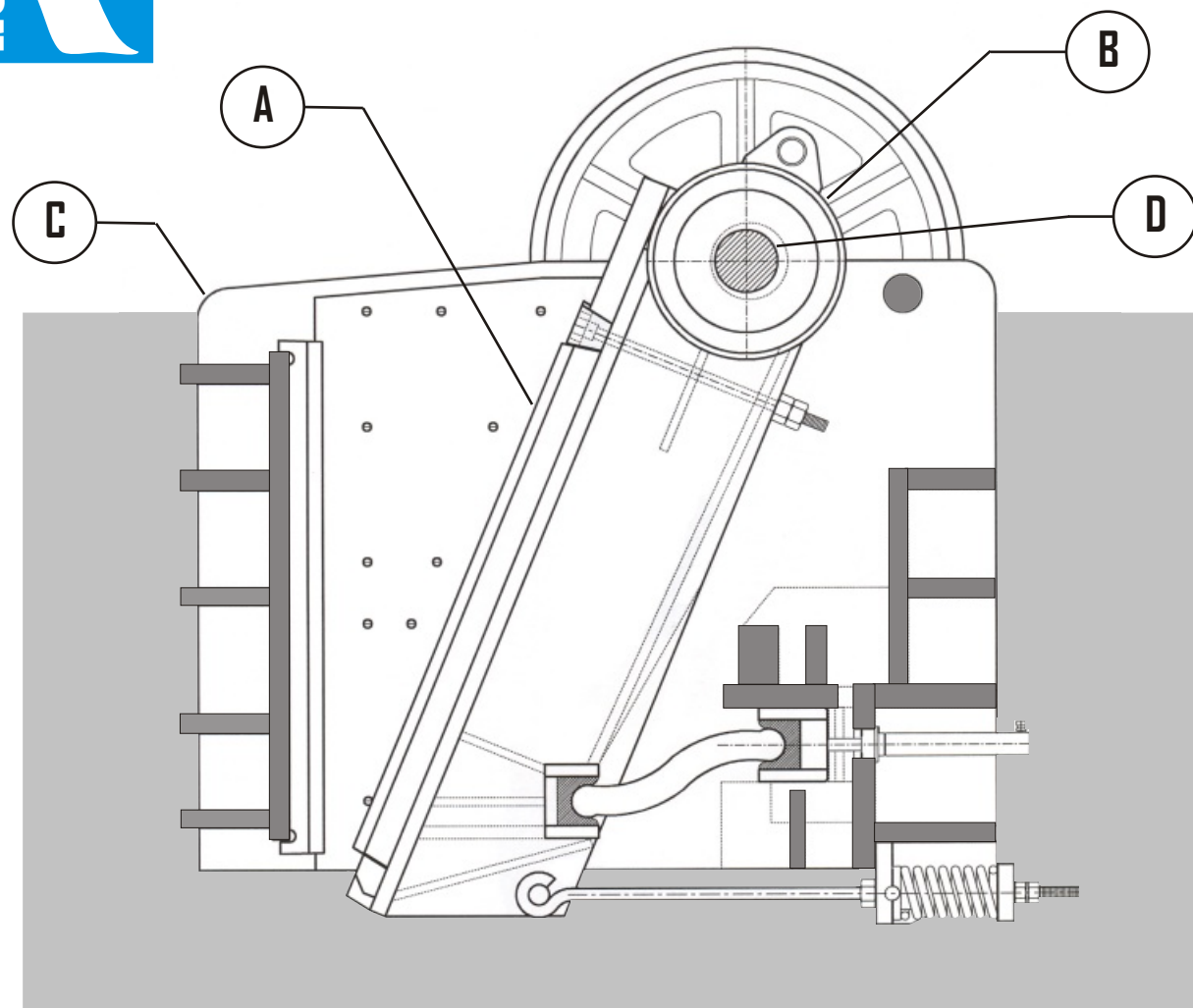
HEADQUARTERS

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Construction and Mining Industries



TECHNOLOGICAL FEATURES



JAW CRUSHERS

This powerful version of Jaw Crusher, adds to your production line of metallic or nonmetallic minerals a functional and economical way of obtaining the required products. Thanks to:

A) Rugged Jaw Dies with reversible design, casted in Manganese to resist abrasiveness and premature wear, achieving a low maintenance cost and high production operation.

B) The powerful Pitman's "special design" consists of a casted steel cylinder united to a rugged electro-welded steel body, ensuring a long life on this extra heavy-duty machine.

C) The housing constructed with unitary elements of steel, completely welded and stress-relieved, provides with consistent reliable support for the proper functioning of the crushing mechanism, ensuring an efficient operation of this machine to its maximum capacity.

D) The main eccentric shaft made of chrome-nickel-molybdenum alloy steel, complemented with four (4) powerful bearings, succeed in crushing by compression virtually any kind of rock, without detriment to any of its components.



Specification Table

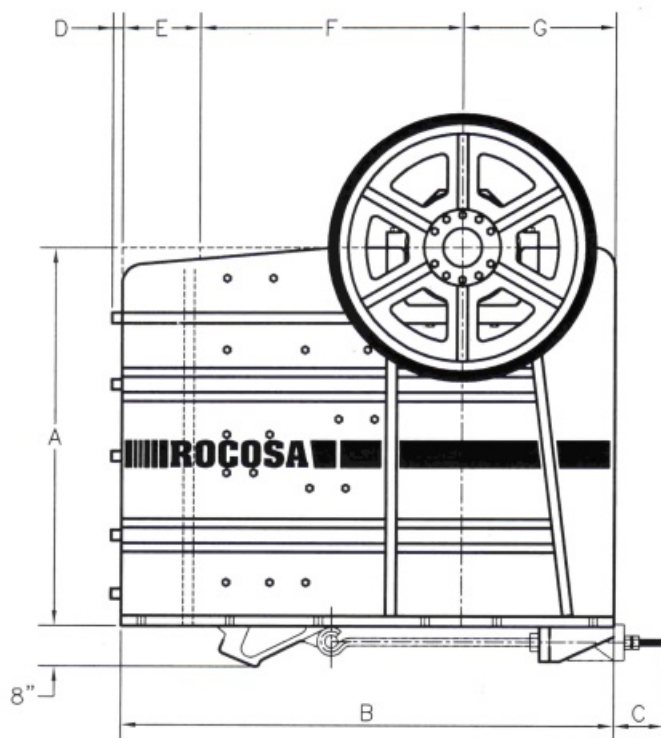
MODEL	HP (MIN.)	RPM	CAPACITY (T P H)								
			SETTING								
			3/4"	1-1/2"	2"	3"	4"	5"	6"	7"	8"
10x16	25	270	3-9	5-15	15-25	20-40	***	***	***	***	***
18x24	50	275	***	19-27	28-40	50-75	58-82	***	***	***	***
20x30	75	250	***	***	40-55	65-95	100-140	120-180	***	***	***
24x36	100	250	***	***	***	80-130	120-160	130-185	165-260	***	***
28x54	200	260	***	***	***	90-150	140-180	150-200	200-300	***	***
30x42	150	225	***	***	***	***	142-195	183-268	250-313	275-335	300-357
36x48	200	225	***	***	***	***	***	250-300	325-385	415-485	500-600

* Specifications shown are subject to changes without prior notice.

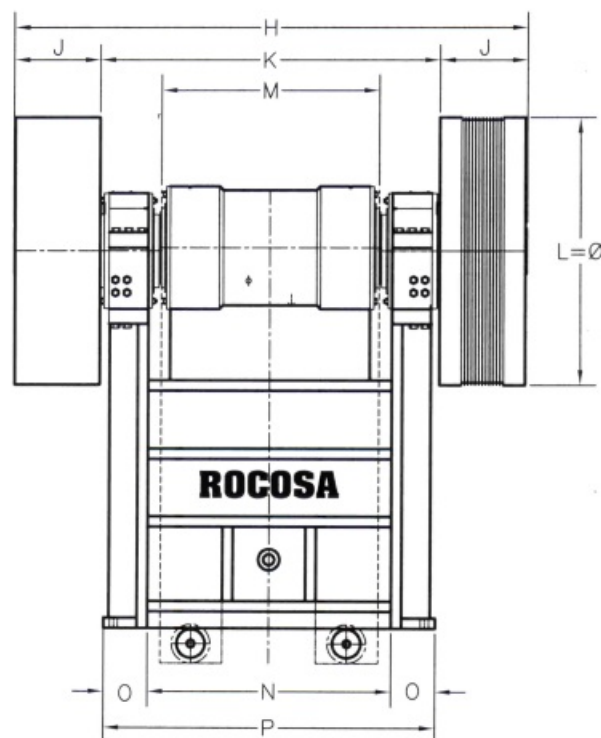
NOTE: The production capacity depends on a number of variables, like: feed method, power installed, and the moisture in the raw material, among other factors. As shown are approximate capabilities, these are based using dry limestone, in normal operating conditions.



General Dimensions



LATERAL VIEW



FRONT VIEW

GENERAL DIMENSIONS (IN)

Model	Weight (kg)	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P
10x16-HD	2,500	26	41-7/8	0	0	8	20-3/4	13-1/8	57-1/4	9	29-1/4	30	16	18-1/2	5-1/4	29
18x24-HD	5,500	40	57	6	1	9	31	17	78	11	56	38	24	28	7	42
20x30-HD	9,150	48	68	10	1	11	34	23	68-1/8	12	44-1/8	42	30	35-5/8	6	47-5/8
24x36-HD	16,500	56-3/4	86	15	0	16	42-1/2	27-1/2	92	14	64	48	36	43-1/2	8	59-1/2
28x54-HD	26,500	67	96	12	2	16	48-1/2	31-1/2	113-1/2	16-9/16	79-29/32	52	54	63	6-1/2	76
30x42-HD	24,500	74	93	18	3	16	47-1/2	29-1/2	96	15	66	52	42	51	6-1/2	64
36x48-HD	32,650	87-1/2	87-1/8	25	4	20	67-1/8	36-1/2	123-1/2	16	91-1/2	60	42	60-1/2	5	70-1/2

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.

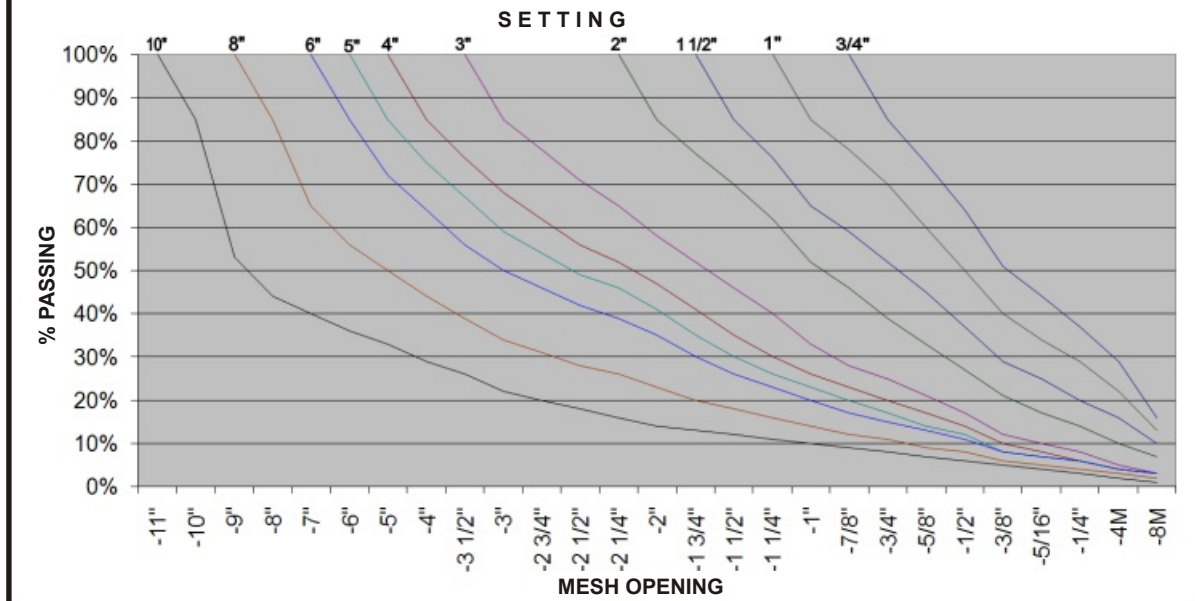


JAW CRUSHERS

TYPICAL PRODUCT ANALYSIS - OPEN CIRCUIT - % PASSING

PRODUCT SIZE	SETTING																	
	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"	4"	5"	6"	7"	8"	9"	10"
-11"																		100%
-10"																	100%	85%
-9"																	85%	53%
-8"																	56%	44%
-7"																	50%	40%
-6"																	45%	38%
-5"																	41%	33%
-4"																	36%	29%
-3 1/2"																	32%	26%
-3"																	27%	22%
-2 3/4"																	24%	20%
-2 1/2"																	22%	18%
-2 1/4"																	20%	16%
-2"																	18%	14%
-1 3/4"																	16%	13%
-1 1/2"																	15%	12%
-1 1/4"																	13%	11%
-1"																	12%	10%
-7/8"																	11%	9%
-3/4"																	10%	8%
-5/8"																	9%	7%
-1/2"																	8%	6%
-3/8"																	7%	5%
-5/16"																	6%	4%
-1/4"																	5%	3%
-4M																	4%	2%
-8M																	3%	1%

Typical ROCOSA Jaw Crusher Gradation Chart



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.

