ROC IMPACT
CRUSHING SOLUTIONS

• ROC JAW CRUSHERS

RELIABLE AND ROBUST

Jaws in manganese steel. Robust steel structure welded.

EFFECTIVE AND ÉCONOMIC

Large feed opening wide and a long stroke crushing action.

QUICK ADJUSTMENT AND SIMPLE

Equipped with hydraulic cylinder with a wedge system adjustment.

CAPACITY 5 TO 1000 T/H

Closed side of opening discharge from 50 to 300 mm.

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• JAW CRUSHERS

Roc Impact jaw crushers feature wide feed openings, long jaws, and a large crushing stroke. They are primarily designed for the primary crushing of pebbles, hard ores, granite, and for material recycling.
Thanks to their simple design and robust construction, Roc Impact jaw crushers are efficient and economical for crushing large, massive rocks.

We offer a wide range of jaw crushers in various sizes to suit your needs.

We maintain rigorous quality control throughout the manufacturing process, ensuring absolute reliability. Roc Impact jaw crushers are used in numerous mines and quarries worldwide and are renowned for their robustness.

Roc Impact jaw crushers are assembled in our factory in France

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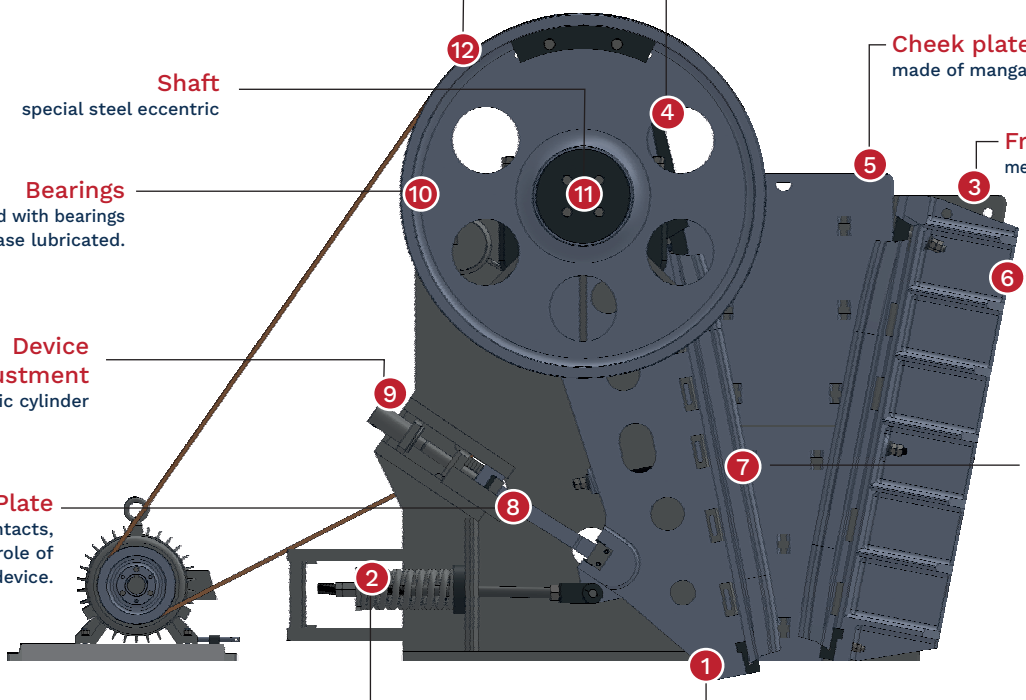
DESCRIPTION



Roc Impact jaw crushers include the following components:

- A welded, one-piece frame made of rolled sheet metal flanges and cast steel half-bearings.

- A standard cast steel connecting rod, mounted on bearings, designed for long service life. The connecting rod head is protected from wear caused by falling blocks by a replaceable shield.

- An eccentric shaft made of hardened steel.
The main bearings are mounted in housings that facilitate assembly and disassembly. The four bearings are individually greased and protected by effective labyrinth seals.

- Unbalanced flywheels, regulating highly variable resistive torque and ensuring optimal balance of moving masses. One of the flywheels is grooved to accommodate V-belts.

- The jaws: They are made of high-alloy manganese steel and are reversible. Note their excellent attachment to their bearing surfaces.

- A set of tensioning and adjustment components. The crusher setting, or gap at the bottom of the jaws, can be easily modified to compensate for wear or change the crushing dimension; this is done by placing shims behind the slide.

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RELIABILITY

Roc jaw crushers, used throughout the world in many mines and quarries, are renowned for being reliable and robust.
The ROC type has wide feed openings and long jaws as well as a large crushing stroke. It is mainly intended for the primary crushing of rocks, hard ores, granite and the recycling of materials.
Thanks to its simple design and robust construction, the Roc type jaw crusher is efficient and economical for crushing large, massive rocks.
We offer you a wide range of jaw crushers of different sizes adapted to your needs.
Our crushers are assembled and tested in our factory in France.

HYDRAULIC ADJUSTMENT

ROC type jaw crushers are equipped with a hydraulic cylinder with a system of adjusting wedges or adjusting wedges (from model ROC 11.08)

Changing the jaw discharge opening is quick and easy. Downtime is therefore minimized, in order to best meet production needs (on request).

GREASE BEARING

All ROC type jaw crushers are manufactured with high quality bearings. Centralized lubrication facilitates maintenance.

HIGH CRUSHING CAPACITY

ROC type jaw crushers feature deep crushing chambers with a large crushing angle.

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TECHNICAL SPECIFICATIONS

JAW CRUSHERS

The table below summarizes the general dimensions of standard ROC type jaw crushers.
We remind you that this information is given for reference and may vary depending on the installation.

Model	ROC 04.25	ROC 06.04	ROC 08.05	ROC 09.06	ROC 11.08	ROC 12.09	ROC 14.11	ROC 16.12
Inlet (mm) larg. x prise	400 x 250	600 x 400	800 x 500	900 x 600	1100 x 800	1250 x 980	1400 x 1100	1600 x 1200
R.P.M.	250	280	350	330	230	220	220	220
Power (Kw)	18,5	30	75	90	132	160	200	250
Weight (Kg)	3 500	6 000	9 500	11 800	26 000	40 000	48 500	78 000
Flow rates in Ton/hour for setting :								
20 mm	5	-	-	-	-	-	-	-
30 mm	7	-	-	-	-	-	-	-
40 mm	9	-	65	-	-	-	-	-
50 mm	12	26	80	-	-	-	-	-
70 mm	18	38	120	135	170	-	-	-
80 mm	-	45	130	160	190	-	-	-
100 mm	-	60	160	190	240	250	-	-
125 mm	-	75	180	240	290	330	380	-
150 mm	-	-	-	280	340	390	430	500
200 mm	-	-	-	-	450	500	580	690
225 mm	-	-	-	-	-	580	650	740
250 mm	-	-	-	-	-	630	740	850
300 mm	-	-	-	-	-	-	-	1080

GRANULATER JAW CRUSHERS

Model	ROC 25.15	ROC 07.15	ROC 07.25	ROC 10.25	ROC 12.25	ROC 13.30
Inlet (mm) larg. x prise	250 x 150	750 x 150	750 x 250	1000 x 250	1200 x 250	1300 x 300
R.P.M.	250	250	250	250	250	250
Power (Kw)	11	15	22	37	37	75
Weight (Kg)	900	3000	3 500	6 000	7 000	9 000
Flow rates in Ton/hour for setting :						
10 mm	2	7	-	-	-	-
20 mm	3	10	10	16	18	22
30 mm	4	13	16	24	25	29
40 mm	5	16	22	30	33	38
50 mm	-	-	26	41	46	55
60 mm	-	-	-	-	-	62
70 mm	-	-	-	-	-	78
80 mm	-	-	-	-	-	-

Capacity based on a continuous and regular supply of clean, dry material of standard hardness with a bulk density of 1.6 tons/m3.
Capacity may vary depending on the size and nature of the rock and the operating conditions of the plant.

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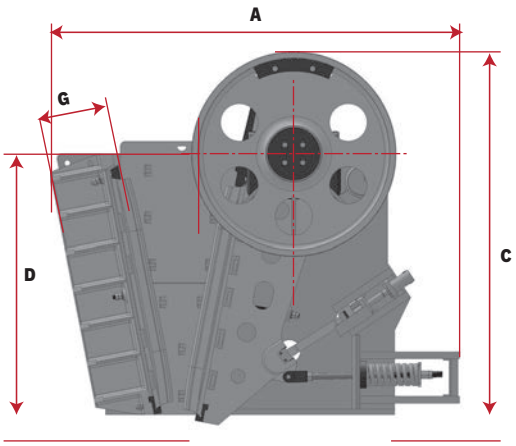
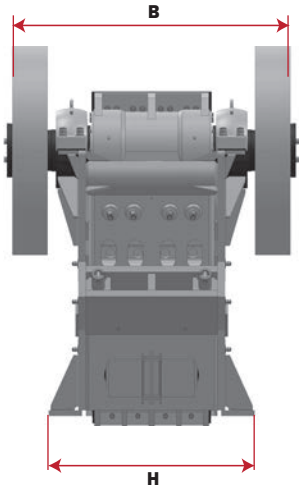
GENERAL DIMENSIONS (mm)

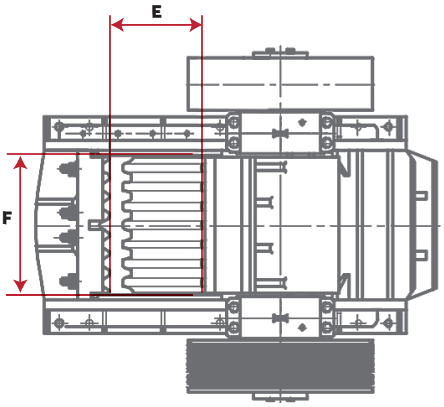
Modèle	A	B	C	D	E	F	G	H
ROC 04.25	1450	1315	1298	735	250	400	300	740
ROC 06.04	1705	1732	1586	990	400	600	250	1010
ROC 08.05	2570	1520	1750	1180	500	800	250	1010
ROC 09.06	2850	1750	1960	1370	600	900	510	1410
ROC 11.08	3750	2380	2750	1920	800	1100	538	1750
ROC 12.09	4090	2820	2970	2120	980	1250	822	1870
ROC 14.11	4420	3020	3150	2250	1100	1400	853	2160
ROC 16.12	5910	3720	3740	2640	1200	1600		

ROC 25.15	875	758	850	480	150	250	122	445
ROC 07.15	1380	1659	1033	500	150	750	252	1130
ROC 07.25	1670	1667	1330	850	250	750	332	1070
ROC 10.25	1570	2034	1380	850	250	1000	330	1350
ROC 12.25	1550	2192	1430	850	250	1200	330	1550
ROC 13.30	2180	2360	1723	1010	300	1300	479	1820

The parameters in the table are for reference only.







SOLID FRAME

The structure is made of special steel and bolted and the jaw crusher frame is stabilized. Robust reinforcements are placed where tension is greatest.


ROC 1108
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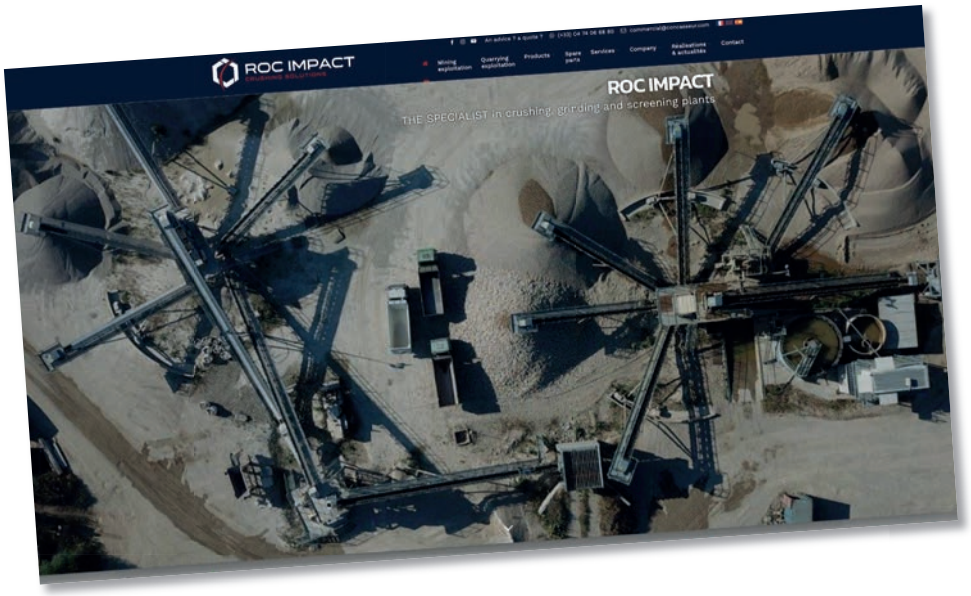

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