



# ROC IMPACT

CRUSHING SOLUTIONS

## • RC CONE CRUSHERS



### RELIABLE AND ROBUST

High steel parts machined resistance and controlled.

### MATERIALS HIGHLY ABRASIVES

Suitable for all types of hard and abrasive ores. (granite, quartz,...)

### SETTING HYDRAULIC CENTRALIZED

Adjustment, clamping and unclamping from a central location. easy head and bowl extraction.

### CAPACITY 40 TO 780 T/H

Setting from 50 to 460 mm. Power motor from 30 to 400 Kw

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## • RELIABILITY

Roc Impact cone crushers, used across the world in many mines and quarries are renowned for being reliable and robust.

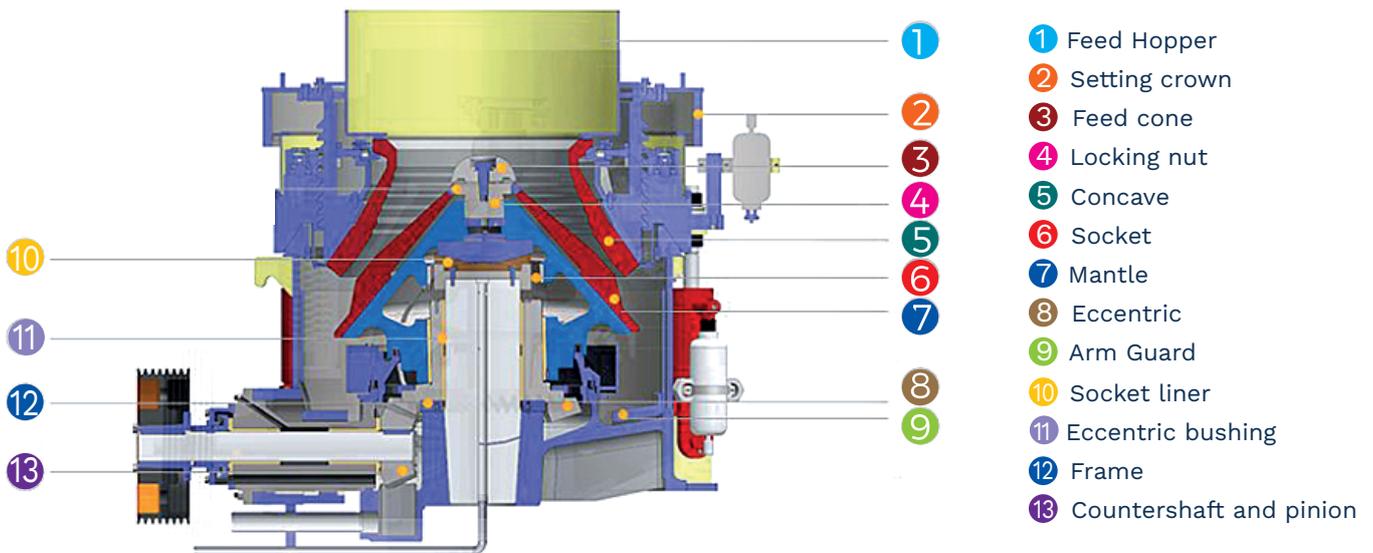
Two main types of cone crushers are available to you:

- RC Crushers STD, standard type for large crushing.
- RC Crushers SH, short head type for fine crushing.

Both types are intended for secondary or tertiary crushing whether in a fixed or mobile installation for highly abrasive materials.



## • CONSTRUCTION



## • SPECIFICATIONS

The robust construction and simple design make the RC type crusher ideal for any secondary or tertiary crushing operation. Its ease of use and maintenance allows for easy servicing.

The upper and lower parts of the shredder are joined by jacks, which ensure stability during operations and easy opening for maintenance.

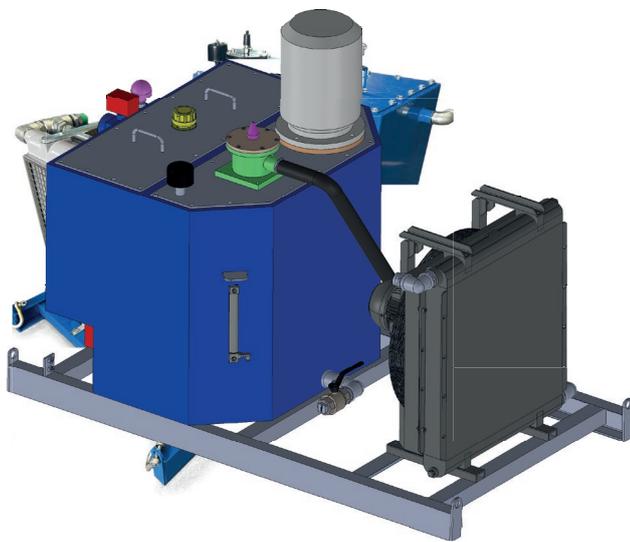




- **HYDRAULIC SETTING, LOCKING AND CLEARING/HOLDING**

Continuous adjustment using a crown driven by a hydraulic motor which facilitates maintenance operations.

RC Cone crushers are equipped with hydraulic cylinders for clamping and holding. The device is controlled using a hydraulic power unit.



- **LUBRICATION**

The external lubrication system ensures a continuous oil supply to the machine for smooth rotation thanks to pressure lubrication

- **AUTOMATION**

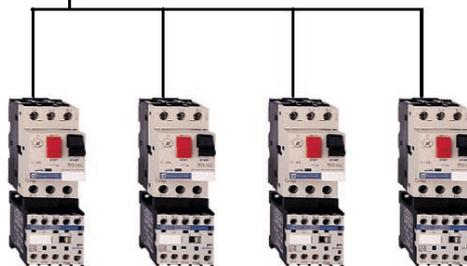
Management of the crusher by a PLC to facilitate operator assistance

Touch automaton



TOR / ANA / Network servo link with automatic installation

Digital and ANA inputs



Departures - crusher installation motor





## ● GENERAL DIMENSIONS

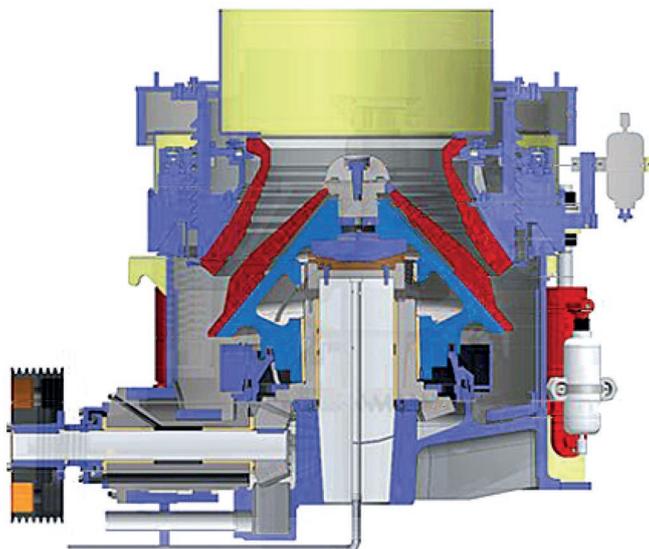
### RC CONE CRUSHERS

Model	RC 36	RC 45	RC 54	RC 66	RC 84
weight (Kg)	5 500 Kg	11 800 Kg	16 800 Kg	24 000 Kg	35 000 Kg
Power (Kw/h)	90 KW	132 KW	250 KW	315 KW	355 KW
R.P.M.	900	900	900	900	900

## ● TECHNICAL SPECIFICATIONS

### RC CONE CRUSHERS

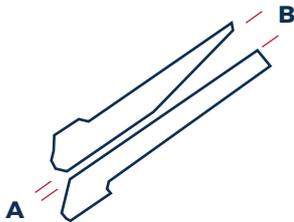
Flow rates in Ton/hour for setting	RC 36	RC 45	RC 54	RC 66	RC 84
6 mm	40-50				
8 mm	45-55				
10 mm	50-65	85-115	110-135	135-170	170-215
13 mm	55-75	115-145	145-180	180-225	225-285
16 mm	65-85	135-175	175-215	220-275	275-345
19 mm	70-90	145-185	195-235	250-315	315-395
22 mm	75-95	155-195	215-255	270-340	340-425
25 mm	80-105	165-215	225-275	290-365	360-455
32 mm	95-135	185-230	245-315	320-425	400-530
38 mm		205-245	295-375	355-485	440-600
45 mm			345-445	405-555	505-690
51 mm				460-625	580-780





## • CRUSHING EQUIPMENT

Type	Cavity	Standard		Short head	
		Minimum recommended setting A	Maximum recommended setting B	Minimum recommended setting A	Maximum recommended setting B
RC 36	Extra Fine			6 mm	14 mm
	Fine			10 mm	75 mm
	Medium			10 mm	72 mm
	Coarse			13 mm	102 mm
	Extra coarse			17 mm	140 mm
RC 45	Extra Fine			6 mm	10 mm
	Fine	13 mm	90 mm	5 mm	20 mm
	Medium	17 mm	120 mm	6 mm	55 mm
	Coarse	19 mm	180 mm	10 mm	75 mm
RC 54	Extra Fine			6 mm	25 mm
	Fine	13 mm	110 mm	6 mm	20 mm
	Medium	17 mm	145 mm	8 mm	50 mm
	Coarse	19 mm	210 mm	10 mm	80 mm
	Extra coarse	25 mm	230 mm		
RC 66	Extra Fine			6 mm	50 mm
	Fine	14 mm	110 mm	6 mm	45 mm
	Medium	20 mm	200 mm	8 mm	55 mm
	Coarse	25 mm	250 mm	10 mm	90mm
	Extra coarse	30 mm	300 mm		
RC 84	Extra Fine			6 mm	52 mm
	Fine	15 mm	130 mm	8 mm	51 mm
	Medium	20 mm	200 mm	10 mm	56 mm
	Coarse	25 mm	285 mm	13 mm	94mm
	Extra coarse	30 mm	330 mm		





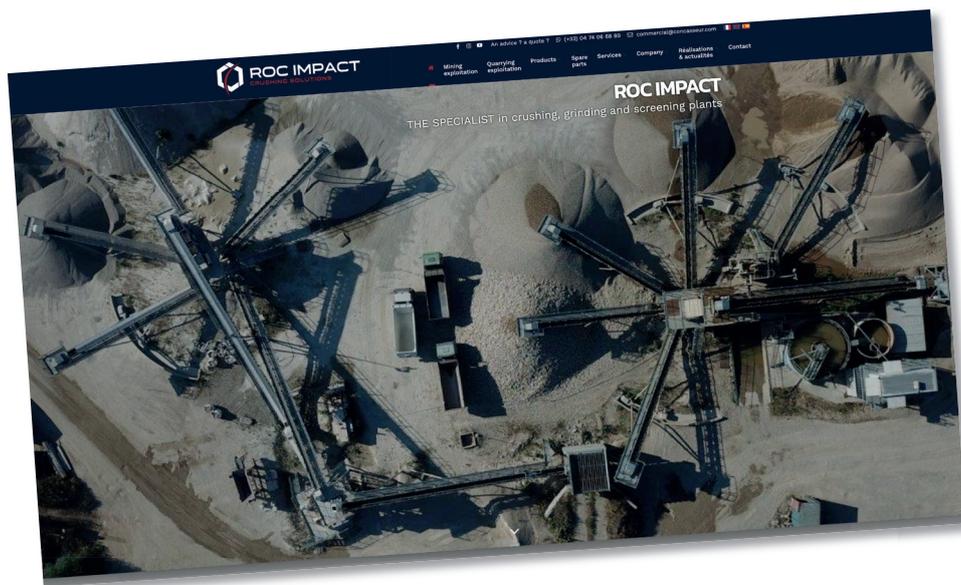


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