

STONE CRUSHER

From <http://www.stonecrusher.co.in>

Stone Crusher Introduction

Stone crusher is a kind of mining crusher for stones and quarry . It can segregate stones into series sizes, such as 35mm, 20mm, 12mm etc. The crushing process makes stones to be available for construction of roads, bridges, housing, industrial building etc.

Stone crusher includes jaw crusher, cone crusher, impact crusher, vertical shaft impact crusher etc. The crushers can be combined into a complete stone crushing plants. The stone crushing plants such as sand making plants, concrete making plants, cement making plants, quartz plants, are very popular in the third countries. The infrastructure and base station are weak, and waiting for construction.

Crushed stone or angular rock is a form of construction aggregate, typically produced by mining a suitable rock deposit and breaking the removed rock down to the desired size using crushers. It is distinct from gravel which is produced by natural processes of weathering and erosion, and typically has a more rounded shape. Stone Crusher is the main equipment in the process of crushed stone making.

Stone Crushing Application

Stone crushing plants can be used in quarry, minerals lots, kinds of construction projects. Minerals such as granite, copper ore, iron ore, gold, and stones such as limestone, cobble, pebble etc. The minerals are crushed into different sizes. The each particle size can be used as different ways. If you want to pave a road, the particle size may be about 10 mm. Stone crushing plants are a necessary stage in minerals mining. They are called minerals mining crushers too. If you have a mineral point, the crushing plants are for it.

This year the manganese production has been reduced by 9.2% than 2010. Most other minerals and stones , the requirement and the production increased. The common ores, such as iron, copper, granite, are always hot these years. The mining depends on stone crusher in some degree.

Mobile Stone Crushers

The common stone crushers are fixed on the ground and stationary. A little movement of the stationary stone crushers is difficult. If you want to change a workplace, the station must be removed and tear down. This cost more power and time. The experts design mobile(crawler,

portable, wheeled) stone crushers. Mobile stone crushers are a series of stone crushers which is mounted with track, crawler, or wheels. Portable stone crusher is very popular in small scale mine lots. The miners can change a place after mining the minerals.

Production Capacity per Hour

Capacity 10t ~ 500t (high quality)

Projects Stone Crusher

Crusher	Country	Production	Material
Sand making plant	India	100tph~200tph	Limestone & Marble
Cement making Plant	Indonesia	50tph	Limestone etc
Granite stone crusher	Nigeria	300tph	Granite
Gold Ores Crusher	South Africa	100tph	Gold Ore
Coal Stone Crusher	Australia	500tph	Coal
Coal Pulverizer	Indonesia	350tph	Coal
Quartz Crushing plant	Algeria	About 100tph	Quartz

Jaw Stone Crusher

Model	Feeder Opening (mm)	Setting Adjustment Range(m m)	Max. Feeding Size (mm)	Capacity (t/h)	Motor Power (KW)	Weight (t)	Overall Dimension (mm)
PE500x750	500x750	50-100	425	40-110	45-55	12	2035x1921x2000
PE600x900	600x900	65-160	480	90-180	55-75	17	2290x2206x2370
PE750x1060	750x1060	80-140	630	110-320	90-110	29	2655x2302x3110
PE900x1200	900x1200	95-165	750	220-450	110-132	52	3200x3050x2950
PE1000x1200	1000x1200	195-265	850	315-550	110-132	57	3800x3166x3045

PE1200x1500	1200x1500	150-300	950	400-850	220	82.5	4200x3750x3820
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Cone Stone Crusher

Model	Cavity (coarse /fine)	Discharge setting min.(mm)	Feed opening (mm)	Capacity (t/h)	Power (kw)	Weight(t)
HP-120	C	13	130	65~130	90~132	9.8
	F	6	50	40~90		13
HP-160	C	13	150	120-240	160	13
	F	6	76	55-180		
HP-220	C	13	225	150-430	220	18
	F	6	86	90-260		
HP-315	C	13	290	190-610	315	26
	F	6	100	108-320		
HP-400	C	13	320	230-700	400	33
	F	8	110	145-430		

Impact Stone Crusher:

Model	Spec.	Feeding Opening (mm)	Feeding Size (mm)	Capacity (t/h)	Power (kw)	Weight (t)
PF-1007	Φ1000×700	400×730	<250	15-60	37-55	9.5
PF-1010	Φ1000x1050	400x1080	300	50-90	55-75	14
PF-1210	Φ1250x1050	400x1080	300	70-130	110-132	17
PF-1214	Φ1250x1400	400x1430	300	90-180	132-160	22
PF-1315	Φ1320x1500	860x1520	350	120-250	180-260	26
PF-1320	Φ1320×2000	860×2030	500	160-350	300-375	30