SINGH

ISO 9001 : 2000





JAW CRUSHERS

UP TO 910 TPH

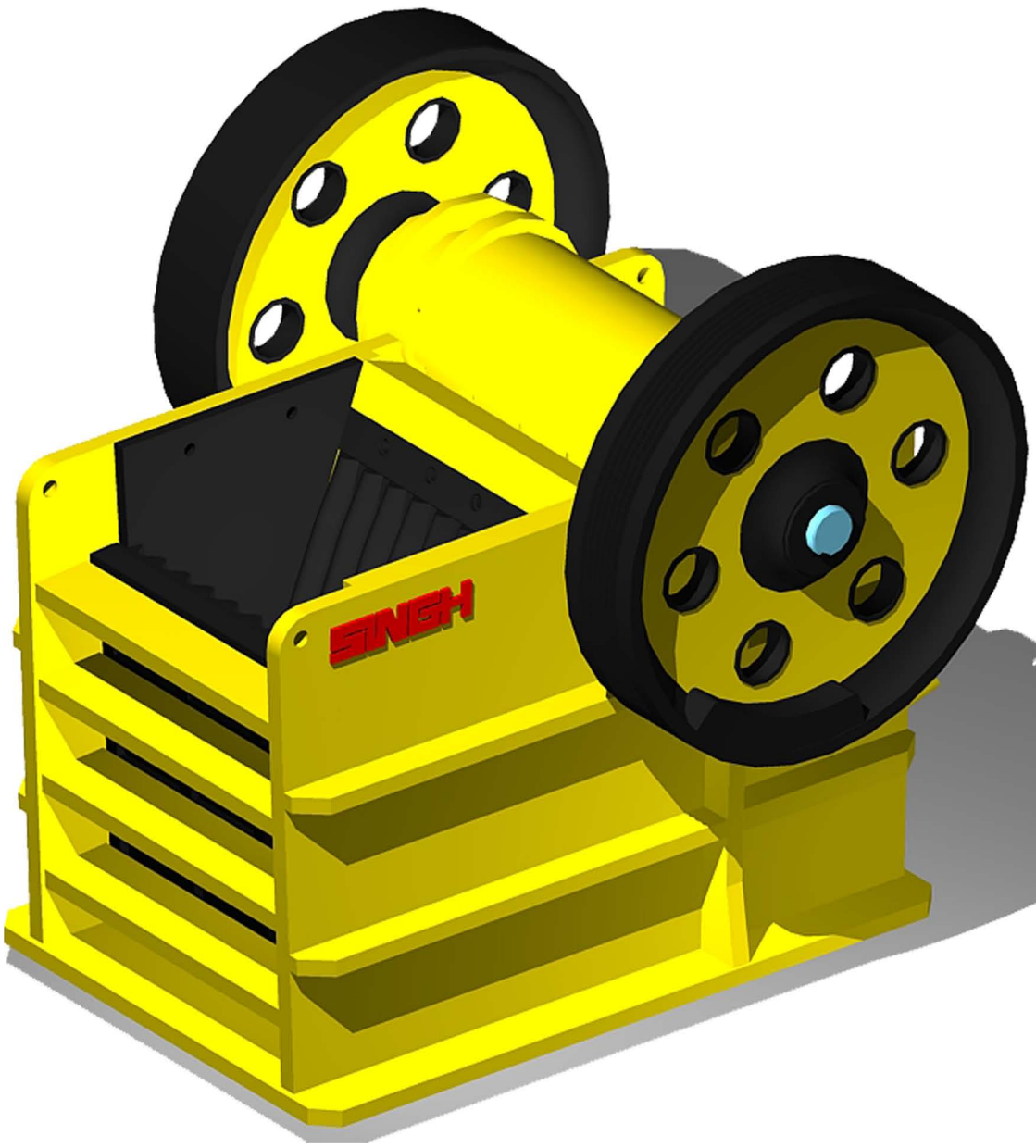
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With installation world-wide, in the toughest conditions, **SINGH** Jaw crushers have seen it all. Superior technical and manufacturing knowledge ensure that Bullet Jaw crushers deliver the most cost effective reduction of rocks & minerals.

SINGH Jaw crushers are synonymous with excellent reliability. The modern design Offers numerous mounting configuration witch along - with high quality cast steel components, world - class premium self aligning bearing deliver low cost per ton of crushing.

SINGH Jaw crushers are available in wide range of sizes. Whatever your crushing need is- From Hard and abrasive rock to recycling, you have found the right solution



JC5060

JC4857

JC4554

JC4250

JC3648

JC3042

JC2436

JC2030

JC1830

JC1824

JC1530

JC1524

JC1248

JC1242

JC1236

JC1224

JC1036

JC1030

JC1024

JC1020

JC1016

JC0836

JC0714

HCNES

- **Premium Materials & Manufacturing Technique**

SINGH Jaw crushers are manufactured using premium raw material; Attention is paid to the smallest possible detail to ensure exceptional reliability & functionality. Latest manufacturing techniques, supported by the most modern and latest machinery from across the world, make the SINGH Jaw crushers, truly World Class!

- **Heavy Duty, Welded, Stress Relived Main Frame.**

Unlike modular construction, SINGH Jaw crushers are fully welded, completely stress relived. This construction ensure trouble-free performance for decades. The mainframe is a design using latest computer techniques and software.This structure also provides exceptional durability against shock loads.

- **Superior Pitman Assembly**

The Pitman is made of high quality cast steel and is propelled by two heavy duty cast iron or steel flywheels. Most severe crushing needs are taken care with great reliability with the help of an extra large, heavy duty forged eccentric shaft and premium spherical roller bearings from Europe. SINGH Jaw crushers employ the tried and tested labyrinth to keep the dust and contamination away from the bearings. These labyrinth are made of special alloy cast iron, which provide years of trouble free operation. SINGH Jaw crushers are available in choice of grease or oil lubrication for the main eccentric shaft bearing depending upon the application and need.

- **Bearing Housing**

SINGH Jaw crushers are available with a choice of standard two piece bearing housing design or the more modern and revolutionary single piece bearing housing design. Both these bearing housing design are reliable; the single piece bearing housing is gaining fast popularity for its ease of fitment and removal and also due to the reason that it offers better load protection.

Quality and reliability

- High quality raw materials
- Heavy duty Welded, stress relieved construction
- Cast steel pitman
- Choice of single piece cast bearing housing

Performance

- Large stroke
- Steep toggle plate design
- Finer crusher settings
- Choice of jaw designs and choice of material for the cheek plates

Installation:

- Choice of Standard Shim or wedge arrangement for toggle block setting
- Custom feed chute
- Choice of automatic grease lubrication or oil lubrication.

Wide range of applications:

- Aggregate
- Mining
- Re-cycling
- Industrial.

World Class Quarry Equipment Since 1964

	CLOSED SIDE SETTING	1/2"	3/4"	1"	1 1/4"	1 1/2"	2	2 1/2"	3	4	5	6	7	8	9	10	11	12	13
	JAW OPENING (INCH.)																		
JC5060	50 x 60											475	454	615	685	780	820	910	
JC4857	48 x 57										425	440	460	560	632	755	790	875	
JC4554	45 x 54										350	425	480	545	600	750	780	825	
JC4250	42 x 50										225	260	350	325	570	635	700	795	
JC3648	36 x 48									180	200	225	275	360	410	450	500	525	
JC3042	30 x 42									140	170	200	240	265	275	285	300	335	
JC2436	24 x 36							70	85	100	150	180							
JC2030	20 x 30						55	67	81	90	99	125							
JC1830	18 x 30						48	62	73	83	94	109							
JC1824	18 x 24					40	45	60	63	67	75	86							
JC1530	15 x 30					36	44	50	66	80	90	100							
JC1524	15 x 24				28	32	41	55	62										
JC1248	12 x 48		25	30	41	50	60	75	95										
JC1242	12 x 42			29	35	44	57	63	83										
JC1236	12 x 36			27	30	40	50	53	75										
JC1224	12 x 24			20	24	28	38	50	60										
JC1036	10 x 36	25	27	32	34	36	42	45	52										
JC1030	10 x 30	22	25	28	30	32	26	43	50										
JC1024	10 x 24	20	22	27	25	28	32	40	47										
JC1020	10 x 20	18	20	25	23	24	27	36	44	54									
JC1016	10 x 16	9	12	14	16	17	23	31											
JC0836	08 x 36		18	28	35	42	60	70											
JC0714	07 x 14	6	8	8	10	13	18												

*

* The above figures represent throught the crushers capacities, which are based on a feed material with an average specific gravity of 2.2 t/m^3, a maximum feed size that will enter the crusher without bridging and material finer than the crushers closed sidesetting removed. The capacities may very depending up on the such as gradation,bulk density, moisture, clay content and crushability.

● Installation :

Bullet crushers are available in a range of configurations. They can be deployed on stationary as well as all mobile applications. The best feature is that Bullet crusher can be mounted in different angles to suit your requirement. No special arrangements are required.

● **Adjustment :**

Bullet Jaw crushers are available with a wide range of adjustment mechanisms for the Toggle block; you can choice between the standard shim arrangement to the hydraulic wedge arrangement. The adjustment mechanisms are designed to be simple in operation and use. Precise adjustments are possible there-by giving you a strong control over the output gradation.

● **Bearings :**

All Bullet Jaw crushers are fitted with Imported, heavy duty, large and sturdy self- aligning spherical bearings. this results in more up-time. For you, more up-time equals to more profit! Proven protection against dust and contamination is provided by special alloy labyrinths. The choice of standard bearings makes sure you don't have to wait neither have to pay extra premium for any bearings.

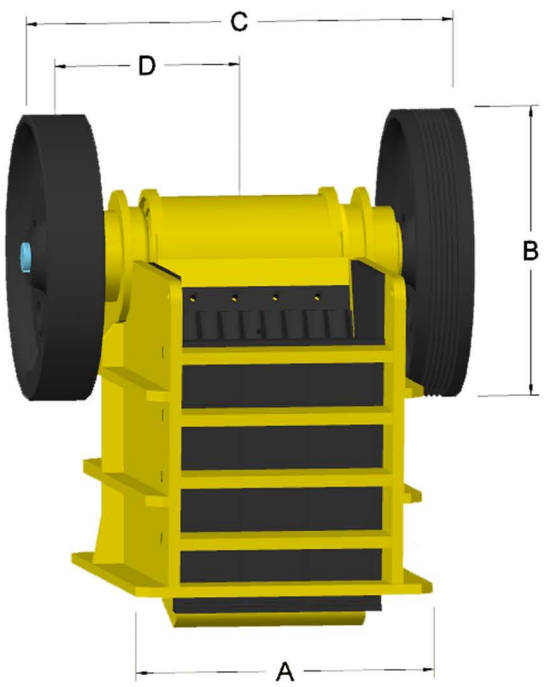
● **Replacing your existing crusher :**

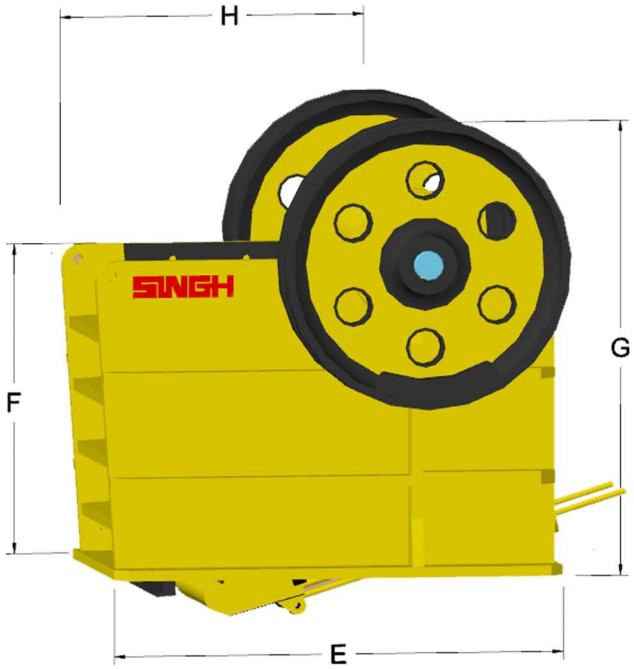
The overall space requirements for a Bullet Jaw crusher make it an ideal choice for replacing your old single and double toggle crushers. The foundation loads are kept much lower than old generation crushers thereby eliminating the need to replace or modify your existing structures. Our engineers are just a call away;

● **Turn-key plants :**

SINGH designs and supplies complete aggregate and screening systems. New crushing plants are tailored to suit your requirement of shape and size, quantity and quality. Various types of feed arrangements are available.From 50 tons per hour to 500 tons per hour, Super-primary, primary, secondary, SINGH has it all!

TECHNICAL INFORMATION





	JAW OPENING (INCH.)	POWER (H.P.)	WEIGHT (KG.)	A	B	C	D	E	F	G	H
JC5060	50 x 60	350~400	67000	2420	1940	3190	1420	3720	3170	1440	2870
JC4857	48 x 57	300~350	59000	1750	1800	3050	1420	3505	2440	3480	2560
JC4554	45 x 54	300~350	55000	2335	1845	3355	1410	3605	3070	3860	2525
JC4250	42 x 50	250~300	40000	1941	1780	2615	1142	3018	2600	3512	2193
JC3648	36 x 48	250~300	32000	1800	1680	2550	1112	2550	1967	2950	1813
JC3042	30 x 42	150~200	21000	1645	1370	2313	1020	2295	1676	2435	1670
JC2436	24 x 36	100~125	15700	1420	1368	2030	877	2110	1515	2291	1512
JC2030	20 x 30	75~100	9300	1185	1130	1582	703	1880	1140	1700	1220
JC1830	18 x 30	60~75	9000	1185	1130	1582	703	1831	1127	1692	1207
JC1824	18 x 24	50~75	7200	1030	1130	1425	625	1562	1048	1744	1210
JC1530	15 x 30	50~60	8500	1238	1130	1613	709	1700	831	1516	1076
JC1524	15 x 24	40~60	6800	1055	1130	1444	634	1550	841	1602	1023
JC1248	12 x 48	50~75	11000	1660	1130	2043	936	1500	778	1562	896
JC1242	12 x 42	60~75	9040	1500	1130	2490	1150	1420	840	1395	1000
JC1236	12 x 36	60~75	6500	1350	950	2055	950	1220	810	1295	1000
JC1224	12 x 24	40~50	6000	1055	1130	1444	634	1458	842	1602	946
JC1036	10 x 36	50~60	5900	1250	1050	1733	775	1400	788	1493	894
JC1030	10 x 30	50~60	8000	1240	1130	1756	784	1525	1049	1668	949
JC1024	10 x 24	40~50	4900	1055	1091	1570	668	1455	1052	1562	858
JC1020	10 x 20	25~40	4400	913	940	1401	617	1424	626	1541	836
JC1016	10 x 16	20~30	3500	800	889	1200	518	1370	806	1231	700
JC0836	08 x 36	40~50	5500	1315	945	1698	766	1524	670	1351	875
JC0714	07 x 14	15~20	2500	702	600	1069	454	1040	561	990	540

* Please use values for reference only. Due to the company's policy of continual improvement, Values are subject to change without notice.
The company shall provide with certified installation drawings on request. The output figures also depend on many factors.

Singh Quarry Equipment (P) Ltd.
B 22/47 , N.I.C.E., SATPUR, NASHIK - 422 007,
MAHARASHTRA, (INDIA)

+91-253-2351741/ 2 (India)
+91-253-2351743 (Fax) (India)

sales@singhcrushers.com

www.singhcrushers.com