

SECONDARY JAW CRUSHERS SJC SERIES



B.S.I. srl
SOCIETA' BRESCIA IMPIANTI



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MAIN TECHNICAL DATA

		SJC 0725	SJC 1030	SJC 1230	SJC 1440
Feed opening width [mm]		720	1020	1220	1420
Feed opening depth [mm]		260	300	300	410
Motor Size [kW]		22/30	37	75	90
Weight [t]		4.5	8.0	11.0	18.0
[rpm]		320	265	275	250
Output material [mm]	Jaw setting [mm]	t/h	t/h	t/h	t/h
0-30	25	15-25			
0-40	30	20-30	35-50	40-60	
0-50	40	25-35	50-55	60-80	90
0-60	50	30-40	55-65	70-90	100
0-80	60	35-50	65-75	90-110	120
0-90	70		75-80	105-125	130
0-100	80				140
0-130	100				160

1) Jaw setting can be closer depending on the application and the production required

2) The values are based on material with a specific gravity of 2.7 t/m³, with a maximum size to allow easy feeding into the crushing chamber without creating bridges. The capacity may vary depending on the method of feeding and on material characteristics, such as the feeding curve, the specific gravity, the moisture content, the percentage of clay and the crushability.

The features indicated are not binding and the BSI reserves the right to edit them for commercial reasons without notice. For the size of the machines, please contact the BSI specifying the type screening of your interest.

TECHNICAL FEATURES

SJC jaw crushers are the right choice for installations in quarries, mines, gravel extraction plants and recycling plants. Productivity and easy installation and service make them particularly suitable for use both in existing installation than in new crushing plants.

Framework and oscillator are made of steel plate, composed, electrowelded. After the assembly, they are subjected to treatment of distension in a furnace with controlled thermal cycle.

The crushing chamber is studied carefully, with the positioning of the critical section and of the oscillator trajectories, constructed to facilitate the sliding of the material and, therefore, obtain the maximum production capacity.

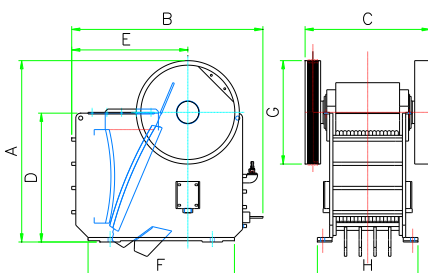
Eccentric shaft is supported by oscillating roller bearings widely oversize.

Oscillator bearings positioned into steel bushes, placed inside the oscillator itself, rather than directly in the oscillator body (cheaper option adopted by most manufacturers). In case of failure: lower costs and less downtime.

Supports of the framework are enclosed, with grease labyrinths, in special steel sleeves.

Jaws setting adjustment is realized by an oleo dynamic cylinder fixed to the head of the framework, behind the sliding support element of the toggle, driven by a manual pump, equipped with shut-off valve and fixed to the framework in an easily accessible position.

Centralized grease system allows manual lubrication of the bearings with grease, at long intervals of time, from a convenient and safe location even when the machine is working.



	A	B	C	D	E	F	G	H
SJC0725	1450	1860	1410	940	910	980	900	1170
SJC1030	1655	2000	1760	1070	1160	1200	1150	1480
SJC1230	1930	2175	2090	1265	1185	1280	1310	1700
SJC1440	2425	2650	2400	1700	1500	1750	1430	2000