Jaw Crusher:

Commonly known as the "jaw crusher" or "tiger-mouth crusher," this machine features a crushing chamber formed by two jaw plates—one movable and one stationary. It performs crushing operations by simulating the jaw movements of an animal. It is widely used across industries such as mining and metallurgy, construction materials, highways, railways, water conservancy, and chemicals to crush various ores and large-sized materials. It is capable of crushing materials with a compressive strength of up to 320 MPa.

This series of crushers operates on a toggle-driven compression principle. The motor drives the belt and pulley, causing the movable jaw to move up and down via an eccentric shaft. As the movable jaw rises, the angle between the toggle plate and the movable jaw increases, pushing the movable jaw plate toward the stationary jaw plate; simultaneously, the material is crushed or split. When the movable jaw descends, the angle between the toggle plate and the movable jaw decreases, and the movable jaw plate moves away from the stationary jaw plate under the action of the tension rod and spring, allowing the crushed material to discharge from the bottom of the crushing chamber. Continuous motor rotation drives the movable jaw in a cyclic motion to crush and discharge material, enabling mass production

Technical parameters of the jaw crusher:

Specifications and Model	Feed size (mm)	Maximum feed particle size (mm)	Adjustable range of the feed inlet (mm)	Yield (t/h)	Motor power (kW)	Overall dimensions (mm)	Weight (t)
150*250	150*250	125	10-40	1-3	5.5	670*820*760	0.81
150*750	150*750	125	10-40	5-16	15	1050*1490*1055	3.8
250*400	250*400	210	20-60	5-20	15	1160*1300*1240	2.8
400*600	400*600	350	40-100	16-65	30	1148*17101646	7
500*750	500*750	425	50-100	45-100	55	1800*1796*1940	12
600*900	600*900	500	65-140	60-160	75	2235*2210*2380	17
750*1060	750*1060	630	80-160	90-320	110	2430*2302*3110	29
870*1060	870*1060	680	200-260	192-336	110	2552*2466*2770	29.2
900*1200	900*1200	750	95-210	140-450	160	3789*2826*3025	50
1000*1200	1000*1200	850	100-235	160-550	160	3889*2826*3025	57
1200*1500	1200*1500	1020	150-300	400-800	185	4590*3342*3552	100.9
250*750	250*750	210	25-60	15-30	22	1750*1500*1420	5
250*1000	250*1000	210	25-60	16-52	37	1940*1650*1450	7
250*1200	250*1200	210	25-60	20-65	37-45	1940*1850*1450	7.7
350*750	350*750	280	30-80	16-55	30	1642*1882*1595	6.1
300*1300	300*1300	250	25-100	20-90	55	2285*2000*1720	11

WhatsApp: +86 15617653555
+86 15617699777
Email: savinoindustrialgroup@gmail.com
Henan Savino Industry and Trade Co., Ltd.







