



JAW

HEAVY-DUTY CRUSHERS

Frames are stress relieved before machining to ensure uniform heavy-duty strength. Using finite element analysis, Lippmann engineers have been able to design jaw crushers for maximum strength, rugged endurance, and least cost of ownership in the industry.

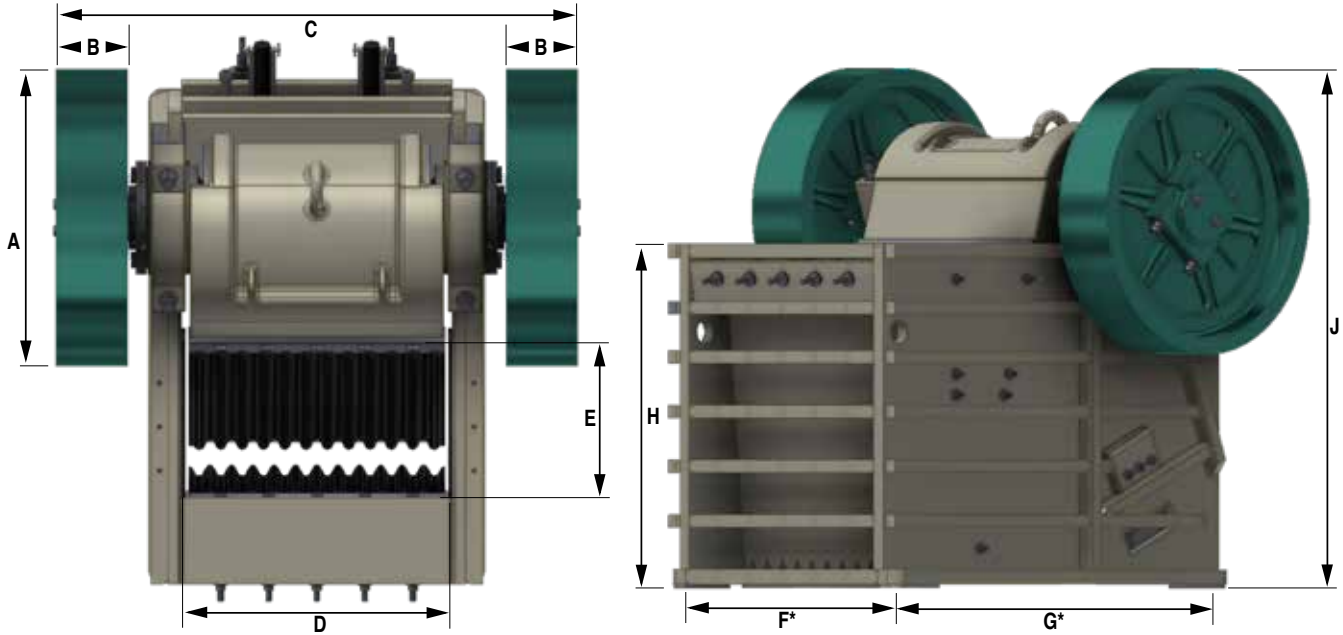


PRODUCT FEATURES

- + Heavy-duty, oversized shafts forged of special alloy to handle sever duty applications
- + Tapered roller bearings, designed to absorb and withstand shock, radial and thrust loads
- + Longer jaw length to provide increased crushing area, steeper nip angle and increased capacity
- + Curved jaw dies to provide non-choking crushing action, reversible for increased wear
- + Rugged frame with heavy-ribbed steel plate construction at stress points, stress-relieved by heat treating before machining
- + Inside contact surfaces are fully machined
- + Lubrication easily checked. Positive oil-level gauges assure correct lubrication of bearings
- + Protected pitman hub with rock ribs
- + Cheek plates are 1- or 2-piece for easy replacement
- + Positive setting adjustment shims provide easy change of discharge opening with aid of hydraulic pumps
- + Extension wedges hold jaw dies rigidly across full width
- + Dynamically balanced flywheels reduce vibration
- + Toggle plate is at optimum angle for maximum crushing
- + Wear and operating protected by field replaceable liners
- + New Lippmann design option available



LIPPMANN HEAVY-DUTY JAW CRUSHER DIMENSIONS



		15x24	12x36	12x48	12x60	15x36	20x36	24x36	22x42	30x42	22x48	30x48	36x50	42x48	24x50	30x62	38x62	50x62
A	in.	36	48	48	54	48	48	48	48	60	48	60	60	68	48	60	68	87
	mm	914.4	1219.2	1219.2	1371.6	1219.2	1219.2	1219.2	1219.2	1524.0	1219.2	1524.0	1524.0	1727.2	1219.2	1524.0	1727.2	2209.8
B	in.	9	12 3/8	14 3/8	11 1/4	12 3/8	12 3/8	14 3/8	14 3/8	16 1/4	14 3/8	16 1/4	16 1/4	21	14 3/8	16 1/4	21	14
	mm	228.6	314.3	365.1	285.8	314.3	314.3	365.1	365.1	412.8	365.1	412.8	412.8	533.4	365.1	412.8	533.4	355.6
C	in.	72 1/2	84	92 3/4	104	86	76 7/8	79 3/4	85 3/4	94 7/8	91 3/4	98	101 1/2	111 1/4	91 3/4	110	121 3/4	123
	mm	1841.5	2133.6	2355.9	2641.6	2184.4	1952.6	2025.7	2178.1	2409.8	2330.5	2489.2	2578.1	2825.8	2330.5	2794.0	3092.5	3124.2
D	in.	24	36	48	60	36	36	36	42	42	48	48	50	48	50	62	62	62
	mm	609.6	914.4	1219.2	1524	914.4	914.4	914.4	1066.8	1066.8	1219.2	1219.2	1270	1219.2	1270	1574.8	1574.8	1574.8
E	in.	15	12	12	12	15	20	24	22	30	22	30	36	42	24	30	38	50
	mm	381	304.8	304.8	304.8	381	508	609.6	558.8	762	558.8	762	914.4	1066.8	609.6	762	965.2	1270
F*	in.	35	47	62	74	46.5	47	46	54	58	60	61	63	61	60	73	73	77
	mm	889.0	1193.8	1574.8	1879.6	1181.1	1193.8	1168.4	1371.6	1473.2	1524.0	1549.4	1600.2	1549.4	1524.0	1854.2	1854.2	1955.8
G*	in.	47	49	54 3/4	56 3/4	54 3/4	61 3/4	65 3/4	70 1/4	91 1/4	72	84	103	114	72	92	103	136 5/8
	mm	1193.8	1244.6	1390.7	1441.5	1390.7	1568.5	1670.1	1784.4	2317.8	1828.8	2133.6	2616.2	2895.6	1828.8	2336.8	2616.2	3470.3
H	in.	34 7/8	37	37	37	43	46.75	61	55.5	79 1/2	55 1/2	70	82	107	55 1/2	63 1/2	82	119 3/8
	mm	885.8	939.8	939.8	939.8	1092.2	1187.5	1549.4	1409.7	2019.3	1409.7	1778.0	2082.8	2717.8	1409.7	1612.9	2082.8	3032.1
J	in.	58 3/8	65	68 1/4	68 1/4	71	75	91 1/2	84 1/4	116	84 1/4	105	119	147 1/2	84 1/4	98 2/3	123	174 1/8
	mm	1482.7	1651.0	1733.6	1733.6	1803.4	1905.0	2324.1	2140.0	2946.4	2140.0	2667.0	3022.6	3746.5	2140.0	2506.7	3124.2	4422.8
MOUNTING BOLT DIA.	in.	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 5/8	2	1 1/2	2	2	2	1 1/2	2	2	2 1/2
	mm	38	38	38	38	38	38	38	41	51	38	51	51	51	38	51	51	64
WEIGHT	lbs.	11,300	19,600	24,900	32,400	22,400	26,700	31,000	36,300	64,700	41,700	64,200	88,000	128,300	41,600	70,500	117,250	211,800
	kg	5,126	8,890	11,294	14,696	10,160	12,111	14,061	16,465	29,347	18,915	29,121	39,916	58,196	18,869	31,978	53,184	96,071

* Denotes crusher mounting hole centers.

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