

McLANAHAN-UNIVERSAL JAW CRUSHER

Traditional Hydraulic-Shim and H-Series Crushers



mclanahan.com

Capacity Chart (Short Tons Per Hour)

MODEL SIZE	ELECTRIC		Closed Side Setting (INCHES)																			
	HP	KW	1/4	3/4	1	1-1/2	2	3	4	5	6	7	8	9	10	11	12	14	16	18		
1016	15	11	7 - 10	9 - 14	13 - 20	18 - 25	24 - 33															
1024	30	22	11 - 18	19 - 26	22 - 30	31 - 42	40 - 59	52 - 71														
1036	40	29	17 - 27	25 - 38	30 - 44	42 - 61	58 - 89	79 - 110														
1236	50	37	21 - 31	33 - 45	38 - 52	49 - 68	62 - 96	85 - 122														
1248	60	44	26 - 36	33 - 51	39 - 59	56 - 82	77 - 111	106 - 151	145 - 270													
1260	75	55	28 - 45	44 - 64	52 - 74	69 - 98	86 - 126	121 - 185														
1524	40	29		24 - 38	26 - 43	34 - 56	43 - 69	59 - 94	72 - 120													
1536	50	37		35 - 55	40 - 65	51 - 81	64 - 94	89 - 137	110 - 180													
1824	40	29		23 - 38	26 - 43	34 - 56	43 - 69	59 - 94	72 - 120													
1830	50	37		29 - 45	33 - 53	40 - 70	53 - 86	71 - 117	80 - 147													
1848	125	91		53 - 79	82 - 112	94 - 144	105 - 175	145 - 240	180 - 295	214 - 354												
2030	50	37		36 - 52	41 - 61	53 - 80	65 - 98	87 - 134	112 - 169	144 - 213	185 - 268											
2036	60	44		38 - 60	42 - 70	56 - 90	69 - 110	94 - 150	128 - 193	155 - 230	200 - 289											
2236	60	44				60 - 98	75 - 119	102 - 162	138 - 208	168 - 248	216 - 312											
2248	125	91					125 - 200	170 - 270	215 - 335	255 - 405	300 - 473	345 - 540	396 - 616									
2436	100	73					80 - 130	110 - 175	150 - 224	181 - 268	233 - 337											
2540	125	91					118 - 145	122 - 194	166 - 248	201 - 297	259 - 374											
2644	125	91					130 - 187	159 - 231	193 - 285	223 - 342	245 - 390											
3042	150	110					139 - 234	174 - 289	216 - 357	249 - 412	286 - 457											
3242	150	110					150 - 245	195 - 310	223 - 364	260 - 420	310 - 468	325 - 515	341 - 563	365 - 605								
3248	200	146						236 - 367	281 - 437	326 - 504	372 - 573	421 - 644	466 - 716	511 - 782								
3254	200	146						212 - 319	262 - 396	312 - 476	360 - 542	412 - 609	450 - 680	515 - 763	550 - 800	600 - 850						
3260	200	146						270 - 428	315 - 462	398 - 590	480 - 720	540 - 810	600 - 900	660 - 990	720 - 1080							
3264	200	146						300 - 450	355 - 550	427 - 650	500 - 750	565 - 840	625 - 925									
3642	150	110						172 - 259	212 - 338	234 - 376	274 - 440	315 - 470	330 - 520	342 - 564	365 - 605	400 - 775						
3648	200	146						212 - 319	262 - 394	312 - 468	362 - 541	412 - 614	460 - 690	512 - 764	550 - 820	600 - 895	670 - 945					
4250	250	183						243 - 365	300 - 451	357 - 536	415 - 620	472 - 704	527 - 791	576 - 860	618 - 922	675 - 1006	753 - 1063	840 - 1240				
4848	250	183						225 - 348	282 - 425	336 - 505	390 - 584	445 - 663	495 - 745	552 - 825	594 - 885	648 - 965						
5060	300	219						395 - 575	460 - 673	525 - 770	590 - 865	660 - 960	725 - 1055	790 - 1155	920 - 1345	1050 - 1540	1320 - 1920					
6684	500	365									735 - 1075	830 - 1210	920 - 1345	1015 - 1475	1105 - 1615	1198 - 1748	1290 - 1880	1475 - 2150	1660 - 2420	1845 - 2690		

* Above capacities based on free-flowing, friable material with approximately 100#/cu. ft. density.

McLanahan-Universal Jaw Crusher sizes are determined by the model numbers, the first two numbers being the measurement in inches from the top of the crown on the stationary jaw plate to the top of the crown on the movable jaw plate, and the last two numbers being the width between the side liners. *Example: A model 2036 has an opening of 20" from the top crown of the stationary jaw plate to the top of the movable jaw plate and has a measurement of 36" between the side liners.*

These capacity and gradation charts are based on a discharge gap which is measured from peak-to-peak on the corrugated jaw dies.

McLanahan-Universal Jaw Crushers are known for their efficiency and aggressive crushing action. The capacities and output gradations provided here in are theoretical in nature, and will vary with each and every application due to material characteristics and numerous other factors. These charts serve as a guide only.

