PEGSON

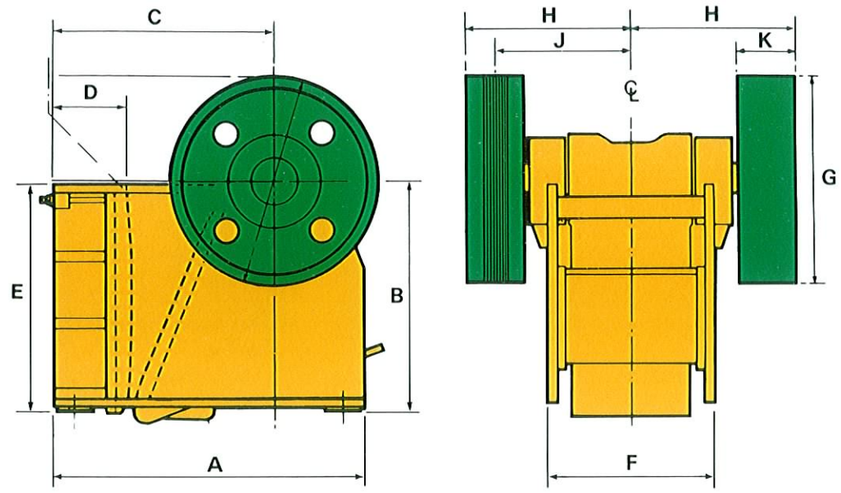
'M' series
JAW CRUSHERS

Advanced Crusher Technology

PEGSON JAW CRUSHERS

MODELS | 600x400 | 700x500 | 800x550 | 900x600 | 1100x650 | 1100x800 | 1300x900 |

For Crushing Excellence



DIMENSIONS (mm)

CRUSHER MODEL	A	B	C	D	E	F	G	H	J	K
600x400	1380	965	920	200	940	760	965	753	626	267
700x500	1584	1172	1119	360	1145	800	1007	710	630	160
800x550	1720	1340	1270	360	1298	960	1220	920	776	240
900x600	1950	1425	1400	450	1415	1100	1370	1063	894	340
1100x650	2060	1456	1490	500	1440	1300	1370	1170	984	340
1100x800	2450	1897	1900	670	1867	1360	1524	1190	1016	306
1300x900	2954	2363	2084	650	2142	1510	1680	1310	1160	300

SPECIFICATIONS

		CRUSHER MODEL						
Weights & Sizes		600x400	700x500	800x550	900x600	1100x650	1100x800	1300x900
Crusher Net Weight (tns)		3.7	5.5	9.5	14.4	16.3	24.3	32.7
Crated Weight (tns)		3.8	5.6	9.6	14.5	16.5	24.5	33
Crated Volume (M^3)		4.3	6.9	8	11	13.5	19.5	30
Power Required (kW)		30	37	65-75	75-90	75-110	90-132	132-150
Drive Pulley	Diameter (mm)	965	1220	1220	1370	1370	1524	1680
	Face (mm)	267	160	240	340	340	306	300
	Speed (Rev/min)	305	279	265	260	260	255	220

OPTIMUM CRUSHING GEOMETRY
For increased productivity, high outputs with minimum wear.

ROBUST CONSTRUCTION
For long trouble free life.

OPEN BACK CONSTRUCTION
Facilitates setting adjustment and maintenance.

CLEAN CRUSHING CHAMBER
No exposed jaw bolts in main crushing chamber.

LOW PROFILE
Particularly suitable for mobile installations or where headroom is restricted.

UNRESTRICTED FEED OPENING
Minimises blockages and bridging and maximises output.

HYDRAULIC SETTING ADJUSTMENT
Supplied as standard (800x550 upwards).

WIDE RANGE OF SETTINGS
Allows the crusher to operate across a wide spectrum of applications.

LONG REVERSIBLE JAWS
Provides long Manganese life.

GREASE LUBRICATION
To main shaft bearings.

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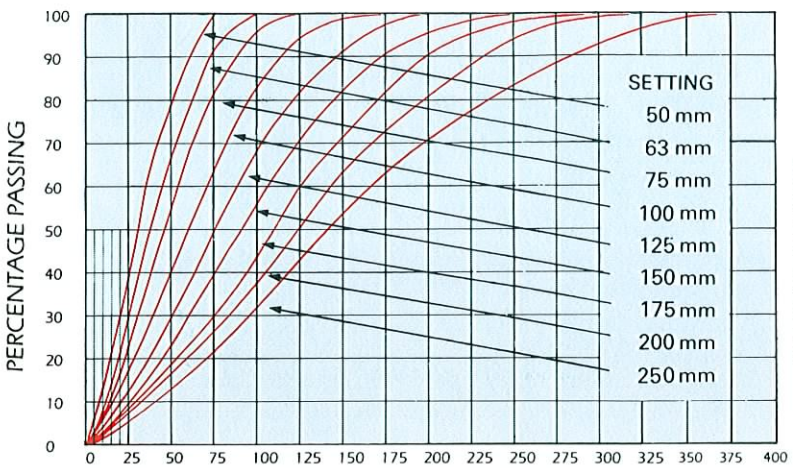
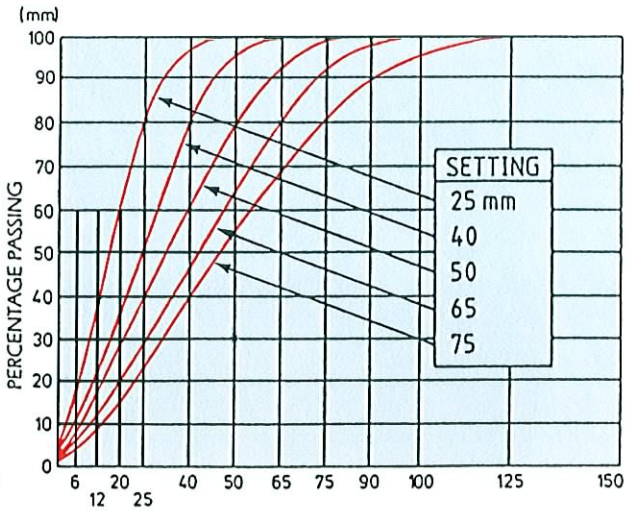


ALL OTHER MODELS



600 X 400 UNIT ONLY

SIZE OF SQUARE SCREEN OPENING IN MILLIMETRES

CLOSED SIDE SETTING (mm)	CRUSHER MODEL						
	600x400	700x500	800x550	900x600	1100x650	1100x800	1300x900
25	15-22						
40	22-32						
50	25-40	35-50	40-55		70-120*		
63	35-40	40-55	45-60		90-145*	95-150*	
75	40-60	50-70	55-75	85-140	105-170	115-180*	
90		60-80	65-85	95-160	120-200	130-200	
100		70-90	75-100	105-170	135-210	150-220	190-290
125			90-130	130-210	160-260	175-260	230-340
150				155-245	190-300	200-300	270-400
175				170-290	210-350	240-350	330-460
200				200-330	250-400	270-440	340-510
225							390-580
250							410-610

* FOR OPERATING WITHIN THESE RANGES CONSULT PEGSON LTD FOR ADVICE AND APPROVAL.

CRUSHER CAPACITY The capacities given are in metric tonnes. They are based on crushing clean dry limestone weighing loose about 1.6 t/m^3 and having a specific gravity of 2.6. The feed material should be of a size that will readily enter the crushing chamber without bridging. Wet sticky feeds will tend to reduce capacity.

TO MAXIMISE CAPACITY A feeder should be used ahead of the crusher to give a continuous regulated feed: all feed should be of a size that will readily enter the crushing chamber and undersized material should be removed from the feed by the means of a grizzly of scalping screen to eliminate packing and excessive wear of the jaws.

POWER VARIATION The Power required will vary with product size, capacity and rock characteristics.

CRUSHER GRADING The grading curves provided are a guide only and will vary with rock characteristics.

All crushers are designed to work with material having a fracture toughness not exceeding 390 kN. For applications over this please consult Pegson Ltd.

All reasonable steps have been taken to ensure the accuracy of this publication. However, due to continuous development of the products Pegson Ltd reserve the right to change details without notice.

PEGSON

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