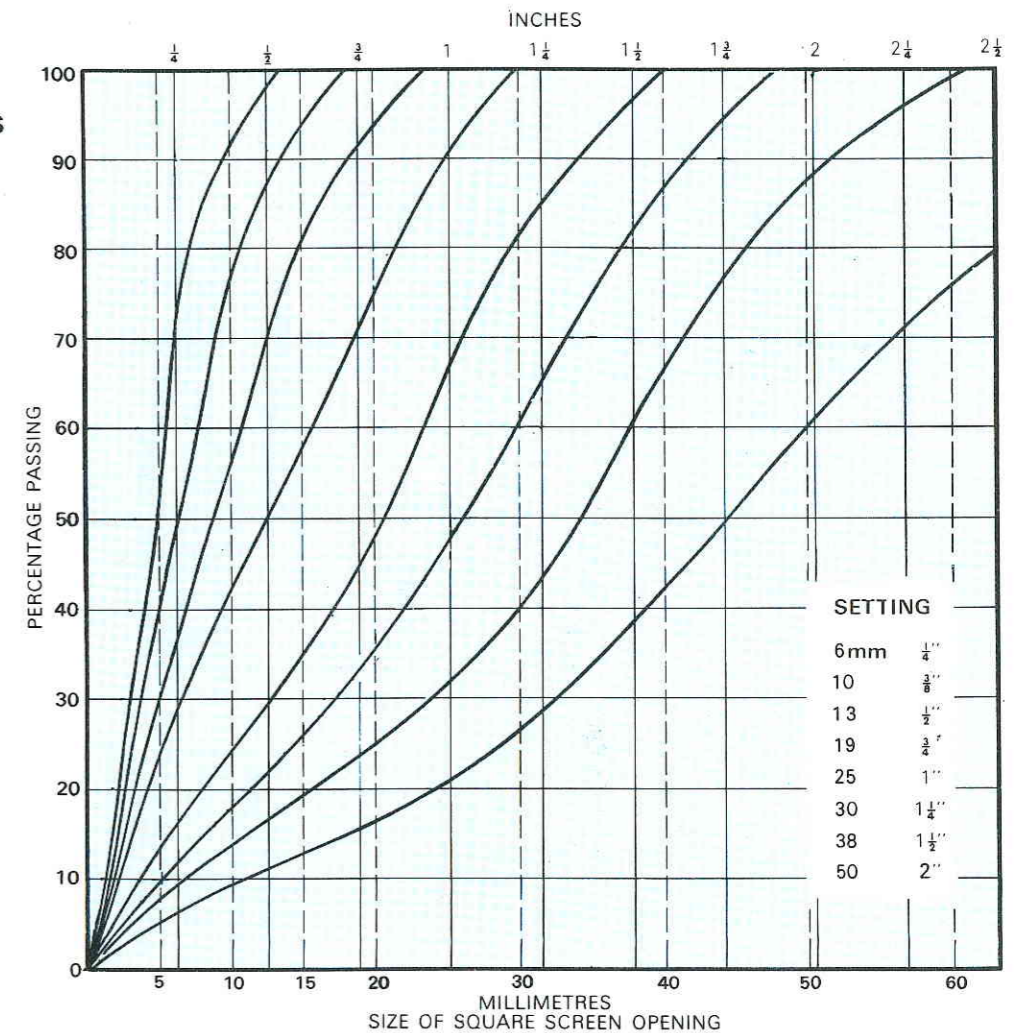


Typical Screen Analysis



Capacities

Variable Applications

The high degree of standardization and interchangeability built into the Autocone design makes possible the fast, simple and inexpensive conversion of the machine to suit a wide range of crushing conditions and applications.

Three support bowls enable the Autocone to cover the full range of applications from extra fine to extra coarse.

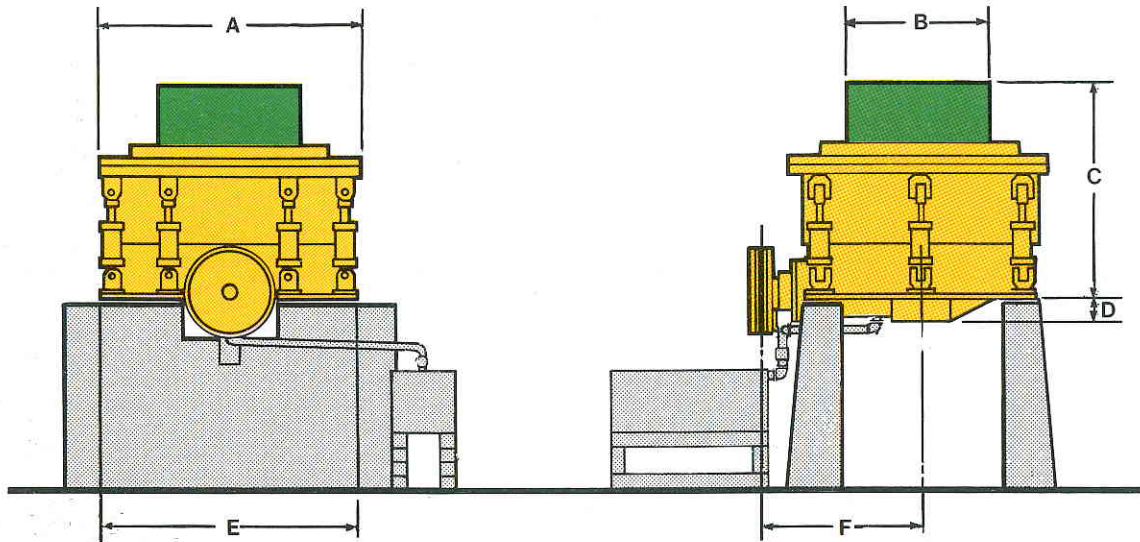
The capacities shown are expressed in tonnes and are based on a clean, dry, well graded, quarry run material weighing loose approximately 1600 kg.f./m³ (100 lb.f./ft³) and having a specific gravity of 2.6 – 2.8. Capacities may vary according to the method of feeding and the size, gradation, compressive strength, toughness, friability and moisture content of the feed.

Capacities for MC, C and XC machines are for open circuit applications. The capacities for XF, F and MF machines indicate the gross throughput of the machines when operating in closed circuit.

The capacities given are for general guidance only. Backed by comprehensive test and laboratory facilities, the company has considerable experience in selecting a machine type and optimum specification for each particular application. For instance, with the approval of Pegson's engineering department, alternative eccentrics are available, depending upon the duty and the crushing conditions.

Crusher Size and Model	Concave		Recommended Minimum Discharge Setting		Feed Opening				Approximate Capacities in Tonnes per Hour — 1000 kg(2204 lbs.)													
	Type of Bowl	Type of Ring	mm. ins.		Open Side		Closed Side		5mm	6mm	8mm	10mm	13mm	16mm	19mm	22mm	25mm	30mm	38mm	50mm		
			mm.	ins.	mm.	ins.	mm.	ins.	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	2"		
900	F	XF	5	3/16	45	1 3/4	25	1	37-50	42-55	47-60	53-65	58-70	67-80	72-85							
		F	6	1/4	55	2 3/16	30	1 3/8		42-55	47-60	53-65	58-70	72-80	77-85	87-106						
	C	MF	8	5/16	90	3 9/16	60	2 3/8			53-65	58-70	67-80	80-96	85-110	95-115						
		MC	10	3/8	110	4 3/16	85	3 3/8				58-70	67-80	77-90	87-106	95-115	100-125					
		C	13	1/2	135	5 3/16	105	4 1/4					72-85	82-100	92-110	100-125	105-130	115-140	135-160			
XC	XC	19	3/4	190	7 1/2	170	6 1/8							92-110	100-125	105-130	115-140	135-160				
1200	F	F	8	5/16	70	2 3/4	50	2			87-93	96-104	105-115	120-135	150-160	170-180						
		MF	10	3/8	95	3 3/8	70	2 3/4				105-115	120-135	150-165	170-185	185-195	190-205					
	C	MC	13	1/2	135	5 3/16	115	4 1/4					120-135	145-155	160-175	175-190	185-200	200-220				
		C	19	3/4	180	7 1/16	165	6 1/2							175-195	190-205	200-220	220-235	240-270	280-310		
XC	XC	25	1	240	9 7/16	225	8 7/8									200-220	220-235	245-275	290-320			

Key XF - Extra Fine F - Fine MF - Medium Fine MC - Medium Coarse C - Coarse XC - Extra Coarse



Crusher Size and Model	900		1200		
	mm.	ins.	mm.	ins.	
A	1880	74.0	2380	93.7	
B	1000	39.4	1398	55.0	
C	MAX	1620	63.8	2164	84.2
	MIN	1468	57.8	1935	76.2
D	190	7.5	295	11.6	
E	1870	73.6	2380	93.7	
F	1160	45.6	1415	55.7	

Recommended Power	kW 75 – 90		kW 132 – 150	
Pulley Speed	r/m 737.5		r/m 617	
Pulley Diameter (p.c.d.)	mm. 630	ins. 24.8	mm. 800	ins. 31.5
Pulley Face Width	mm. 158	ins. 6.2	mm. 162	ins. 6.4
No. & Type of Belts	8 — 3550 S.P.B.		6 — 4500 S.P.C.	
Nett Weight	kg. 11,100	Tonnes 11.1	kg. 22,000	Tonnes 22