

...an this action no longer compensates
...ear, a new corner is brought into use.

...feeds contain rogue items which may damage
...terior of the mill. A measure of protection can be
...en by the provision of a special metal trap located
...n the upper frame. Obviously, the trap is non-
...operative when no screen is fitted; indeed, the only
...way to safeguard both mill and product is to remove
...rogue items from the feed.

Operation

Material fed into the top of the machine falls directly into the path of the hammers where it receives a primary reduction in suspension. Secondary impact occurs in the shatter chamber and against the breakerplate. Final reduction occurs by attrition over the screen bars where fitted. Material not reduced to size is recirculated within the mill for further reduction.

Feed

The feed should enter the mill from the back in the direction of rotation of the hammers and be swept through the machine over the full width of the rotor in an even flow. Feeding by conveyor, vibrating feeder or screen is recommended.

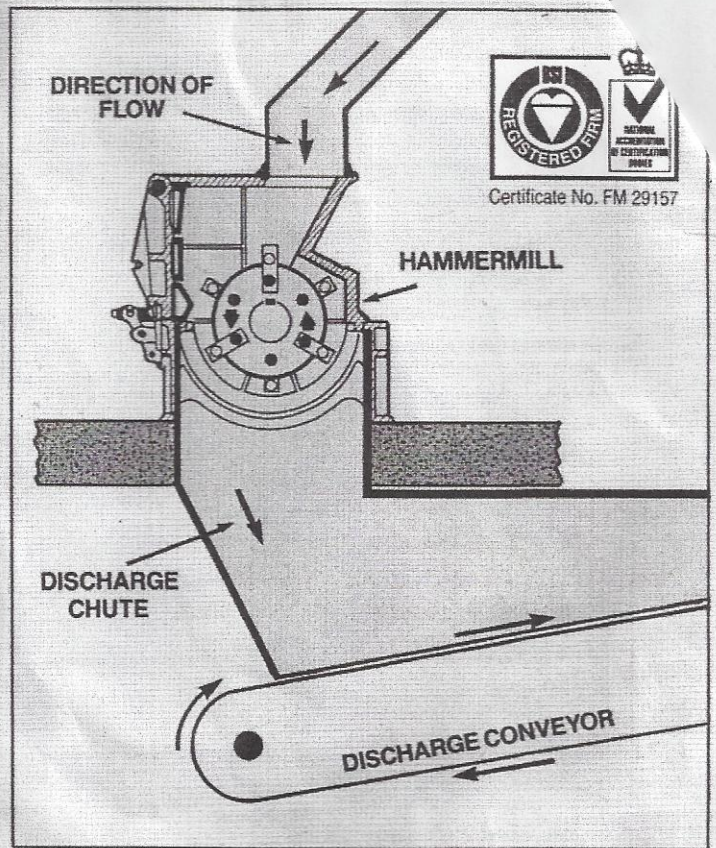
SPECIFICATIONS

MACHINE SIZE	APPROX WEIGHT (KGS)	APPROX RPM	APPROX POWER Kw	MAX FEEDSIZE (mm)	APPROX CAPACITY (Tonnes per hour)		APPROXIMATE DIMENSIONS						
					DUTY A	DUTY B	A	B	C	D	E	F	G
15x8	508	3000	7.5	38—50	1.5	5	210	229	406	673	635	210	483
20x12	1180	2800	15	50—75	2.5	12	330	305	610	1118	813	305	686
24x20	1814	2200	45	75—100	6	40	533	533	813	1346	978	356	940
24x30	2540	2200	70	75—100	9	60	737	724	908	—	978	333	940
30x30	5300	1800	95	100—150	9	80	806	832	1029	1830	1194	508	1016
36x36	6710	1500	120	100—150	18	90	914	940	1245	1854	1384	457	1270
36x48	8390	1500	160	100—150	24	120	1219	1245	1397	1854	1384	457	1270
36x60	9750	1500	195	100—150	30	150	1524	1550	1549	1854	1384	457	1270
42x36	10980	1000	150	150—250	21	135	940	965	1473	2108	1702	533	1372
42x48	13340	1000	200	150—250	28	185	1245	1270	1600	2184	1702	533	1372
42x66	16290	1000	275	150—250	38	255	1702	1727	1981	2184	1702	610	1372
42x72	16520	1000	300	150—250	42	275	1854	1880	2057	2184	1702	610	1372
54x36	17240	1000	225	150—250	27	210	927	965	1660	—	2032	686	1626
54x48	19280	1000	300	150—250	36	275	1245	1245	1812	—	2032	686	1626
54x66	21910	1000	410	150—250	50	380	1689	1727	2042	—	2032	686	1626
54x72	22410	1000	450	150—250	54	410	1994	2032	2194	—	2032	686	1626

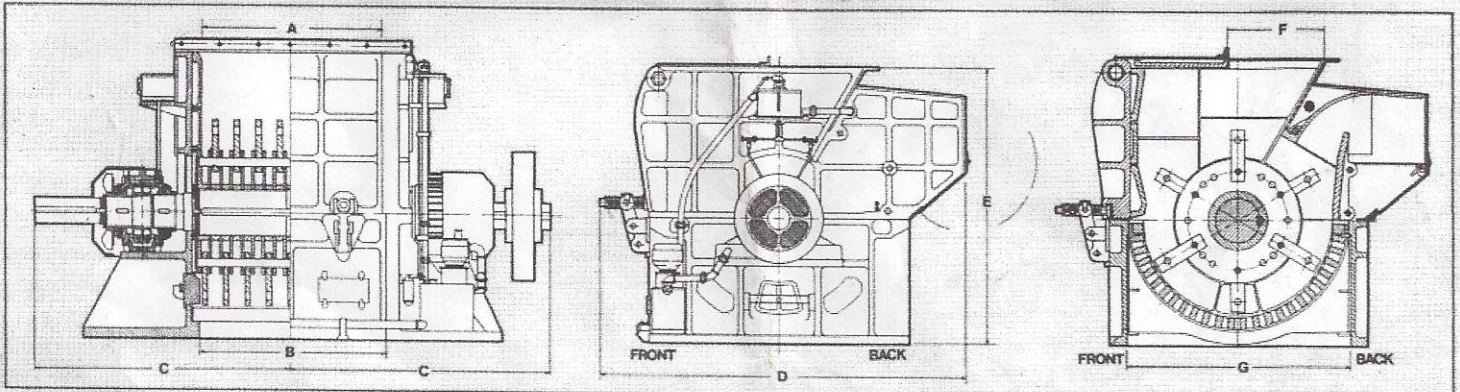
Capacities, power and crusher speed will vary with the physical characteristics of the feed material and must be verified/confirmed by actual testing of customers material. The details contained in this leaflet are for information purposes only and we reserve the right to change product specifications without prior notice.

NOTES: DUTY A: Based on reducing medium hard Cumberland limestone to 40%-50% passing 150 microns (100 BS mesh).

DUTY B: Based on reducing MHB coal to 80% passing 3mm square mesh screen.



Typical feed and discharge arrangement.



For more details, contact your nearest Jeffrey office.



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