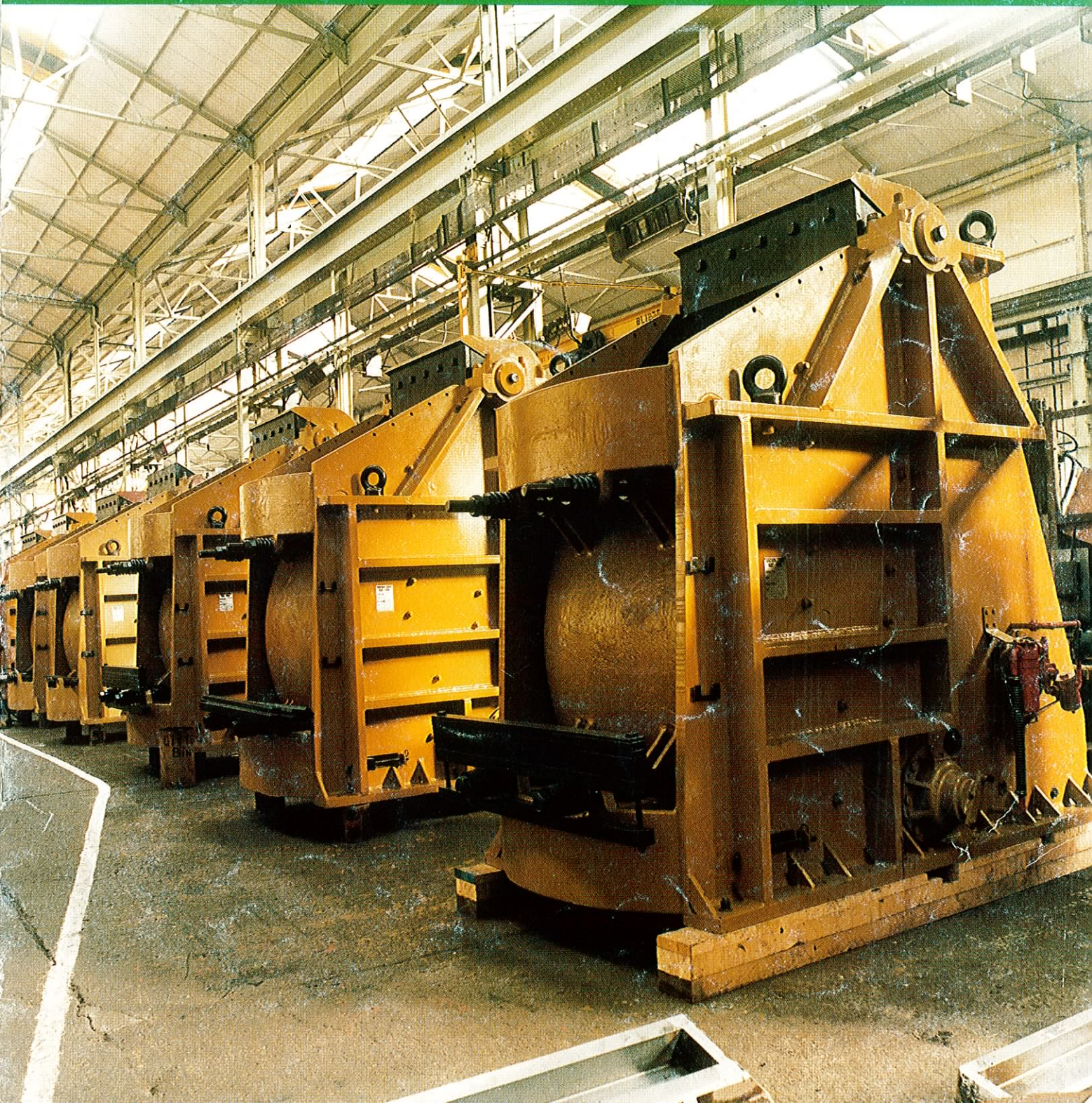
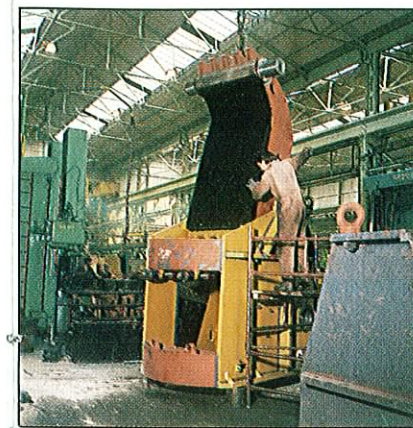
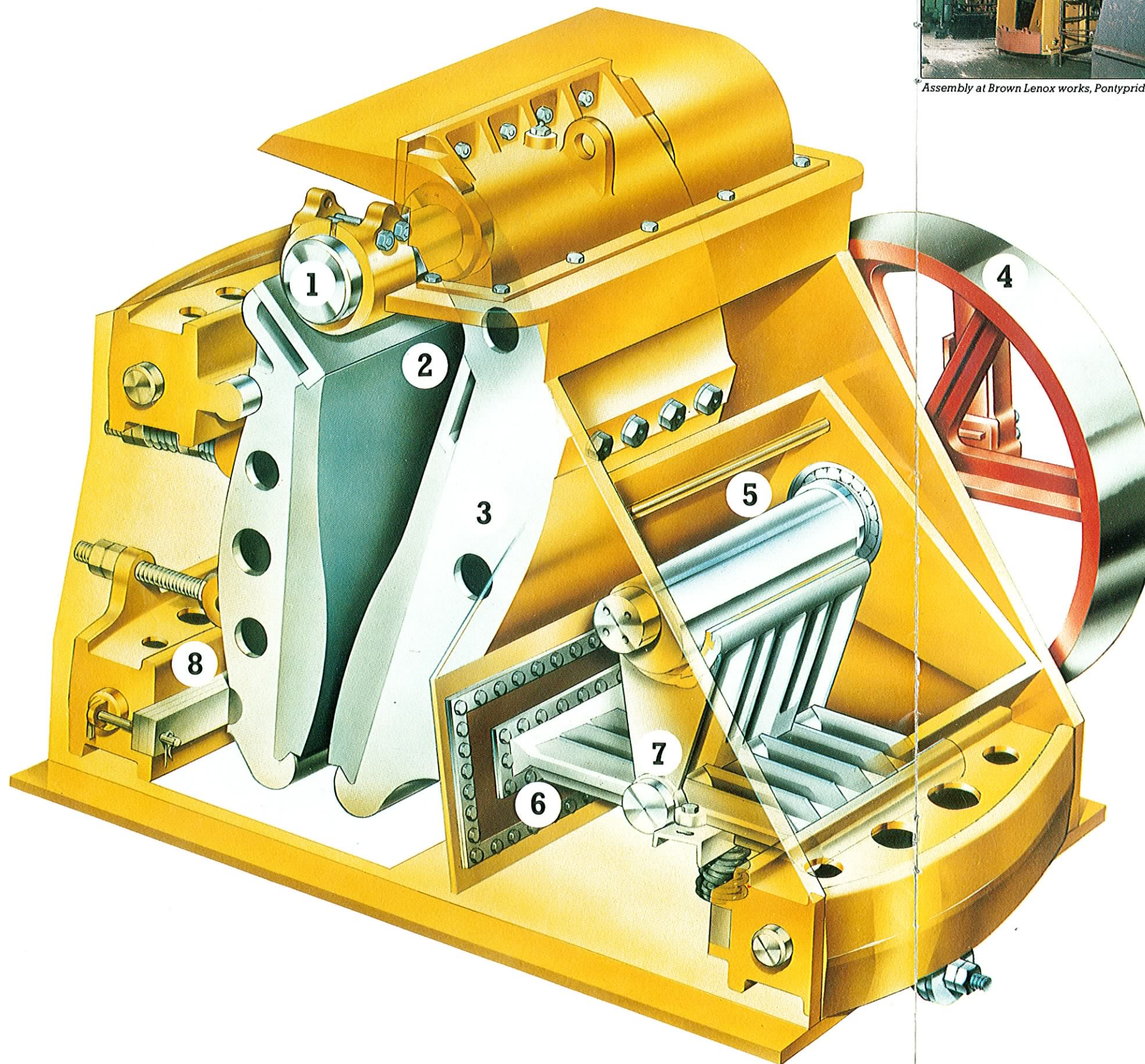


BROWN LENOX

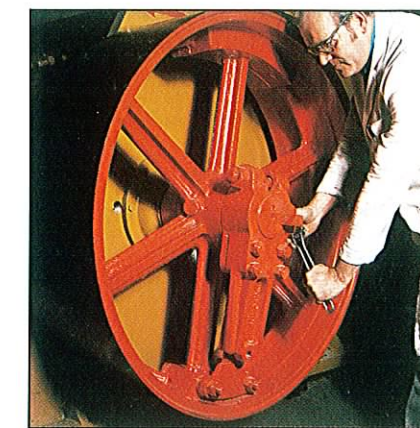
KUE-KEN JAW CRUSHERS



The inside story . . .



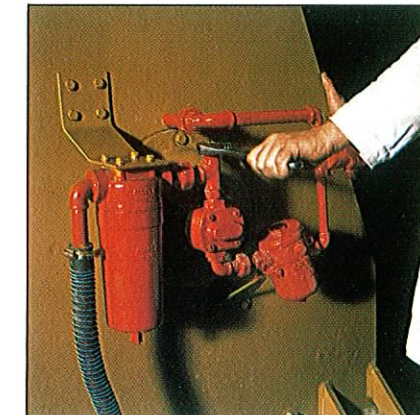
Assembly at Brown Lenox works, Pontypridd.



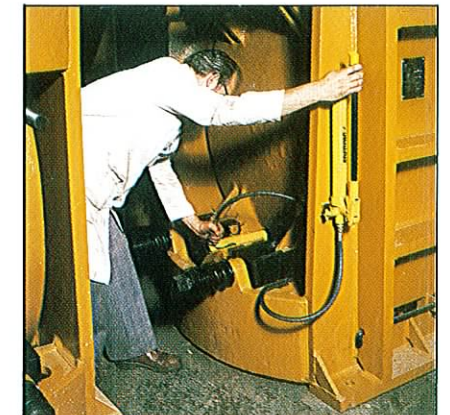
Tramp iron protection is provided by a spring loaded safety device.



Toggles, pitman and eccentric operate in a sealed chamber . . .

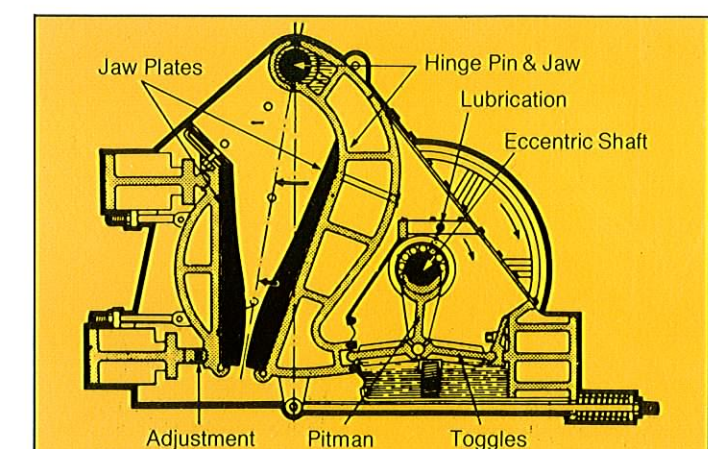


Flow meter protects mechanism against oil pump failure.



Hydraulic adjustment available with models 75S and above.

- ① Hinge pin on crushing chamber centre-line for crushing without rubbing. Large bearings and integral lubrication.
- ② Wide entry throat ensures easy feeding to crushing chamber.
- ③ Cast steel swing jaw is balanced to avoid power losses through lifting on crushing stroke.
- ④ A light small diameter flywheel is all that is necessary with the low inertia of the mechanism.
- ⑤ Operating mechanism is totally enclosed for maximum life and minimum maintenance.
- ⑥ Double toggles provide maximum leverage to long-stroke eccentric. Pull-back and lifter springs automatically compensate for wear.
- ⑦ Light-weight pitman is always in compression and bears directly on the underside of the eccentric.
- ⑧ All adjustments are carried out on the fixed jaw to avoid disturbing the crushing geometry.



Our Crushers have a double toggle action to give the maximum mechanical advantage to the eccentric. Crushing on the downward stroke enables a much lighter pitman and toggles to be employed, so reducing inertia and enabling higher operating speeds and greater throughput to be achieved.

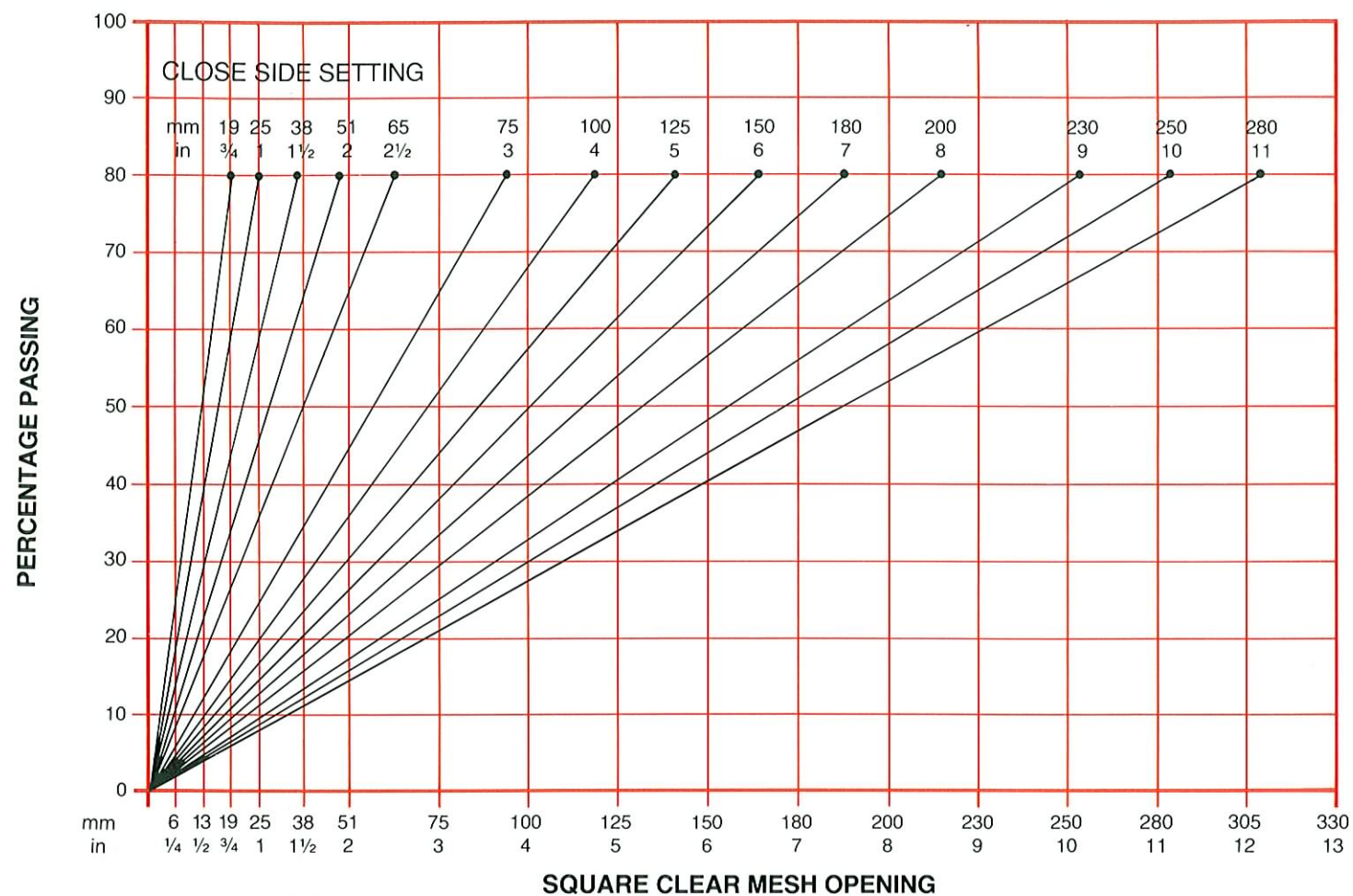
Capacity - Power - Speed

CRUSHER FEED OPENING					CAPACITIES - TONNES PER HOUR													POWER - SPEED		
KUE-KEN CRUSHER SIZE	GAPE	WIDTH	GAPE	WIDTH	CRUSHER SETTING (CLOSE SIDE)													MOTOR HP	MOTOR SPEED RPM	CRUSHER SPEED RPM
	INS	INS	MM	MM	ins ¾ mm 28	1 25	1¼ 32	1½ 38	2 50	2½ 65	3 75	3½ 90	4 100	5 125	6 150	7 180	8 200	9 230	10 250	11 280
34	6	16	150	405	13	17	20	25	30	40										
35	9		230			13	17	20	25	30										
54	8	24	200	610		25	30	35	45	50										
55	10		255				30	35	40	45	55									
56	12		305					30	40	45	50									
57	15		380						40	50	60	70								
75S	20	30	510	700						55	65	80	90	115						
79	8	36	200	915			50	55	70	80	95									
80	10		255					55	70	80	95									
81	12		305					50	60	70	80									
95	24		610								100	115	130	155						
104	8	42	200	1065		50	60	70	85	105	120									
105	10		255				60	70	85	105	120									
106	12		305					65	80	95	110									
107	14		355						60	90	100	115	125	150	180					
108	16		405							90	100	115	125	150	180	200				
114	27		685								115	130	145	180	210	250	280			
120	32		815										140	170	200	220	250	270		
120S	36		915												190	210	240	260	285	300
150	36	48	915	1220											275	320	365	405	460	510
160	42		1065												275	320	365	405	460	510
200	48	60	1220	1525											350	405	460	510	560	610

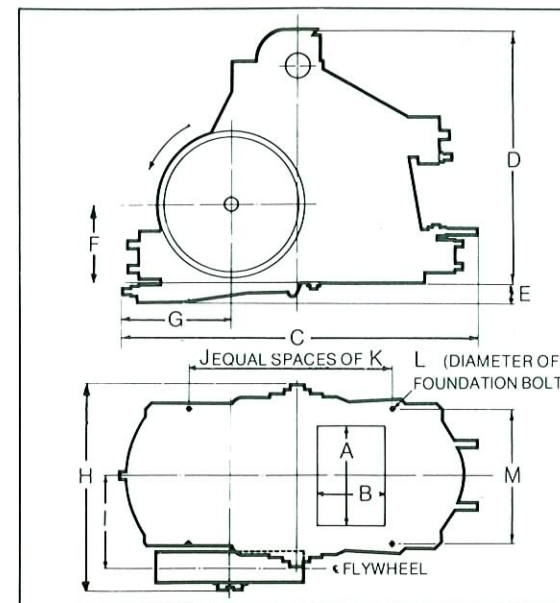
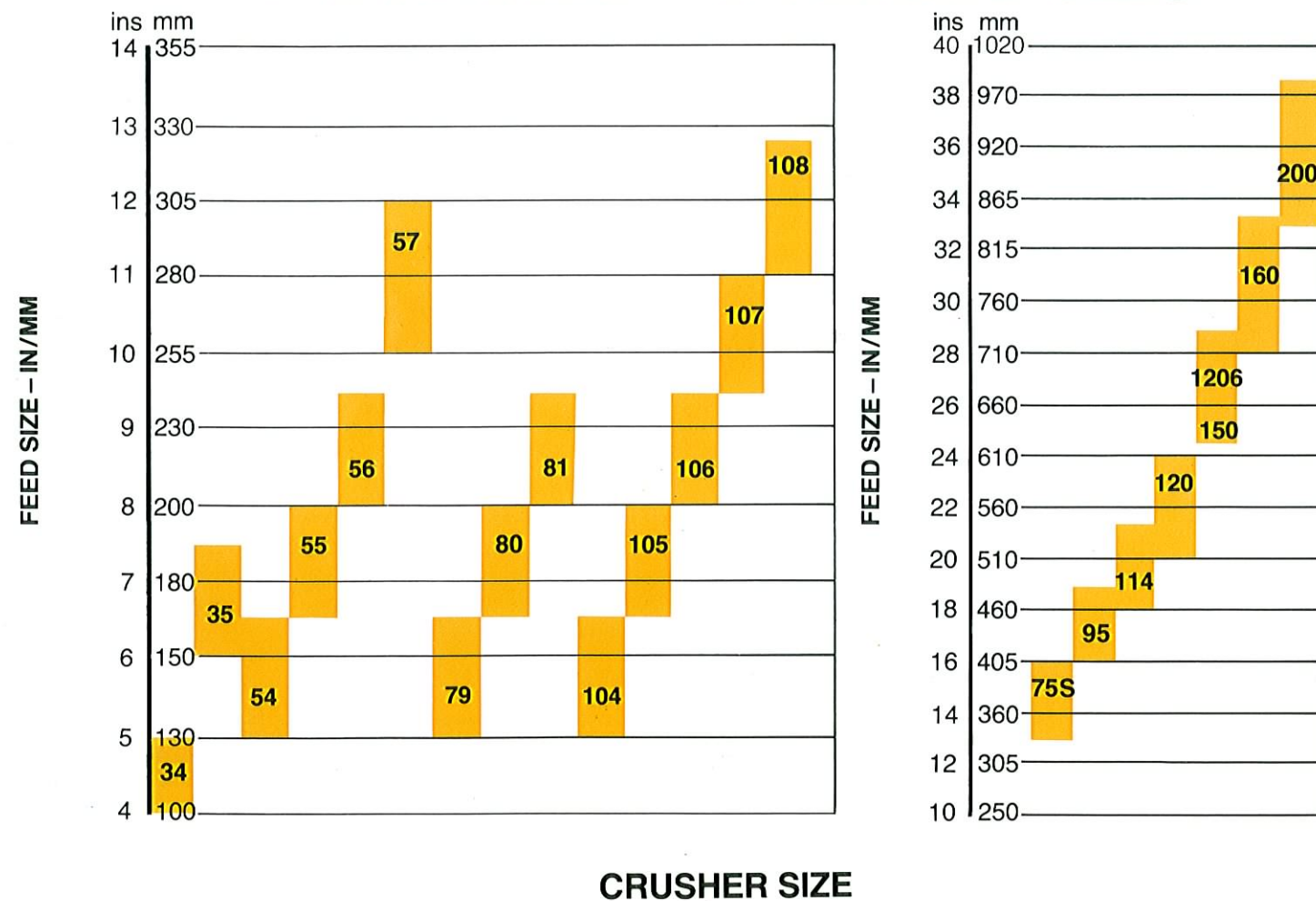
Capacities are based on crushing average hard rock with a bulk density of 100 lb per cubic foot (1600 kg per cubic metre) and intended as a guide only.
Capacities can vary depending on the rock characteristics. Feed size and feed arrangements.

Motors have been calculated on 6 pole - 50 hz

Product Distribution



Feed Size - Crusher Size



Specification:

Approximate General Dimensions of Standard Jaw Crushers

Do not use this table for actual installation work, for which certified drawings will be furnished. Pulley rotation and speed are given. Face of Pulley is flat, for V-flat drive, which we recommend. Grooved pulleys for V-V drive, or crown face pulleys for flat belt can be furnished at an additional charge, although we do not recommend them.

Standard crushers have manganese steel jaw plates, overload safety device in pulley, also pressure switch and connections to lubricating system, for automatic shutdown and protection against low oil pressure.

We reserve the right to make any alterations, or modifications which we consider an improvement.

JAW CRUSHER	DIMENSIONS IN MM IN													MAX. K.W. H.P.	SPEED R.P.M.	APPROX. WEIGHT HEAVIEST PIECE kgs.	APPROX. TOTAL WEIGHT Tonnes	VOLUME CUBIC M ³
	FEED OPENING		C	D	E	F	G	H	I	J	K	L	M					
	A	B																
34	406	152	1727	1191	152	511	533	1016	467	2	533	25	584	15	365 to 400	853	2.3	2.07
35		6"	68"	46 ⁷ / ₈ "	6"	20 ¹ / ₈ "	21"	40"	18 ³ / ₈ "	21"	1"	23"	853			2.3	2.07	
54	610	203	1911	1314	117	537	597	1311	559	2	610	29	787	30	365 to 400	1297	3.5	4.5
55		8"	75 ¹ / ₄ "	51 ³ / ₄ "	4 ⁷ / ₈ "	21 ¹ / ₈ "	23 ¹ / ₂ "	51 ¹ / ₈ "	22"	24"	1 ¹ / ₈ "	31"	1297			3.5	4.5	
56	24"	254	1911	1314	117	537	597	1311	559	2	610	29	787	40	350 to 385	1297	3.5	4.5
57		10"	75 ¹ / ₄ "	51 ³ / ₄ "	4 ⁷ / ₈ "	21 ¹ / ₈ "	23 ¹ / ₂ "	51 ¹ / ₈ "	22"	24"	1 ¹ / ₈ "	31"	1297			3.5	4.5	
75S	762	503	2692	1918	146	584	826	1537	698	3	514	32	1029	38	350 to 375	1833	4.6	5.34
79	30"	20"	106"	75 ¹ / ₂ "	5 ³ / ₄ "	23"	32 ¹ / ₂ "	60 ¹ / ₂ "	27 ¹ / ₂ "		20 ¹ / ₄ "	1 ¹ / ₄ "	40 ¹ / ₂ "			350 to 375	4336	8.5
80	914	203	2496	1561	140	648	845	1749	791	3	*	32	1181	50	325 to 360	3914	8.3	8.75
81		8"	98 ¹ / ₄ "	60 ³ / ₄ "	5 ¹ / ₂ "	25 ¹ / ₂ "	33 ³ / ₄ "	68 ⁷ / ₈ "	31 ¹ / ₈ "			1 ¹ / ₄ "	46 ¹ / ₂ "			3914	8.3	8.75
95	36"	254	2496	1561	140	648	845	1749	791	3	*	32	1181	45	325 to 360	3914	8.3	8.75
99		10"	98 ¹ / ₄ "	60 ³ / ₄ "	5 ¹ / ₂ "	25 ¹ / ₂ "	33 ³ / ₄ "	68 ⁷ / ₈ "	31 ¹ / ₈ "			1 ¹ / ₄ "	46 ¹ / ₂ "			5842	12.2	14.05
104	1065	305	2496	1561	140	648	845	1749	791	3	*	32	1181	60	325 to 360	5842	12.2	14.05
106		12"	98 ¹ / ₄ "	60 ³ / ₄ "	5 ¹ / ₂ "	25 ¹ / ₂ "	33 ³ / ₄ "	68 ⁷ / ₈ "	31 ¹ / ₈ "			1 ¹ / ₄ "	46 ¹ / ₂ "			5842	12.2	14.05
107	42"	610	2978	2280	152	654	848	1749	765	3	660	32	1181	55	300 to 350	5842	12.2	14.05
108		24"	117 ³ / ₈ "	89 ³ / ₄ "	6"	25 ³ / ₄ "	33 ³ / ₈ "	68 ⁷ / ₈ "	30 ¹ / ₈ "		26	1 ¹ / ₄ "	46 ¹ / ₂ "			5842	12.2	14.05
114	1065	203	3226	1670	149	660	1041	1880	883	4	*	32	1334	75	300 to 350	4672	10.2	11.46
120		8"	127"	65 ³ / ₄ "	5 ⁷ / ₈ "	26"	41"	74"	34 ³ / ₄ "			1 ¹ / ₄ "	52 ¹ / ₂ "			4672	10.2	11.46
120S	42"	254	3226	1670	149	660	1041	1880	883	4	*	32	1334	75	300 to 350	4672	10.2	11.46
125		10"	127"	65 ³ / ₄ "	5 ⁷ / ₈ "	26"	41"	74"	34 ³ / ₄ "			1 ¹ / ₄ "	52 ¹ / ₂ "			4672	10.2	11.46
150	1219	305	3226	1670	149	660	1041	1880	883	4	*	32	1334	110	275 to 300	4672	10.2	11.46
160		12"	127"	65 ³ / ₄ "	5 ⁷ / ₈ "	26"	41"	74"	34 ³ / ₄ "			1 ¹ / ₄ "	52 ¹ / ₂ "			4672	10.2	11.46
200	48"	356	3226	1670	149	660	1041	1880	883	4	*	32	1334	150	275 to 300	4672	10.2	11.46
210		14"	127"	65 ³ / ₄ "	5 ⁷ / ₈ "	26"	41"	74"	34 ³ / ₄ "			1 ¹ / ₄ "	52 ¹ / ₂ "			4672	10.2	11.46
220	1219	406	3226	1670	149	660	1041	1880	883	4	*	32	1334	150	275 to 300	4672	10.2	11.46
230		16"	127"	65 ³ / ₄ "	5 ⁷ / ₈ "	26"	41"	74"	34 ³ / ₄ "			1 ¹ / ₄ "	52 ¹ / ₂ "			4672	10.2	11.46
240	48"	685	3175	2390	150	660	965	2060	940	3	635	32	1334	75	300 to 325	6100	14.6	16.64
250		27"	125"	94"	6"	26"	38"	81"	37"		25"	1 ¹ / ₄ "	52 ¹ / ₂ "			6100	14.6	16.64
260	1219	813	3505	2819	114	705	952	2057	940	5	508	32	1384	100	300 to 325	7121	21.2	23.75
270		32"	138"	111"	4 ¹ / ₂ "	27 ³ / ₄ "	37 ¹ / ₂ "	81"	37"		20"	1 ¹ / ₄ "	54 ¹ / ₂ "			7121	21.2	23.75
280	120S	914	3505	2819	114	705	952	2057	940	5	508	32	1384	110	275 to 300	7121	21.2	23.75
290		36"	138"	111"	4 ¹ / ₂ "	27 ³ / ₄ "	37 ¹ / ₂ "	81"	37"		20"	1 ¹ / ₄ "	54 ¹ / ₂ "			7121	21.2	23.75
300	48"	914	4470	3327		902	1206	2318	1130	7	*	32	1689	150	275 to 300	19305	41.9	38.29
310		36"	176"	131"		35 ¹ / ₂ "	47 ¹ / ₂ "	91 ¹ / ₄ "	44 ¹ / ₂ "			1 ¹ / ₄ "	66 ¹ / ₂ "			19305	41.9	38.29
320	48"	1067	4470	3759		902	1181	2229	1118	7	*	32	1689	200	225 to 275	28449	50.4	45.71
330		42"	176"	148"		35 ¹ / ₂ "	46 ¹ / ₂ "	87 ³ / ₄ "	44"			1 ¹ / ₄ "	66 ¹ / ₂ "			28449	50.4	45.71
340	1524	1219	4826	4166		927	1232	2711	1314	5	*	38	2020	190	225 to 275	30391	68.2	71.40
350		60"	48"	190"	164"		36 ¹ / ₂ "	48 ¹ / ₂ "	106 ³ / ₄ "	51 ³ / ₄ "			1 ¹ / ₂ "			79 ¹ / ₂ "	30391	68.2

* HOLES NOT EQUALLY SPACED