

Superior Design Construction

- * HIGH CAPACITY
- * HEAVY DUTY CONSTRUCTION
- * ANTI-FRICTION
- * POOL LUBRICATION
- * LOW MAINTENANCE
- * EASY ADJUSTMENT

CRUSHING CHAMBER Deep crushing chamber and sharp angle of nip favors high crushing capacity.

FRAME Steelplate welding construction.

JAW PLATE High manganese steel castings, with corrugated surface. Both the design of the fixed and movable Jaw Plate to be reversible and replaced easily.

CHEEK PLATE High manganese steel castings, designed to be replaced easily by wedge and provide long life.

TOGGLE PLATE of good quality cast iron, for safety device.

TOGGLE SEAT To be replaced easily.

TOGGLE BLOCK

SWING JAW Swing jaw is high strength box section construction.

FLY WHEEL Balanced flywheels promote smooth operation... a very minimum of vibration.

ECCENTRIC SHAFT

BEARING Anti-friction bearings.

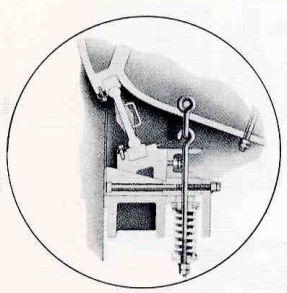
OILING to Toggle section by lubrication pump

SHIMS Shims provide the positive positioning for product size setting.

OIL HYDRAULIC PUMP AND CYLINDER Hydraulic control of crusher setting makes adjusting for wear simple and easy... also aids changing for product size.

TENSION ROD WITH SPRING

Setting by Hydraulic Adjustment: for change in product size. Every type over TYPE S-4 to be easily adjusted with hydraulic pump and cylinder by inserted shims between Frame and Toggle Block.



Setting by Adjust Block

Type S-1,S-2,S-3
by up and down motion of Adjust Block

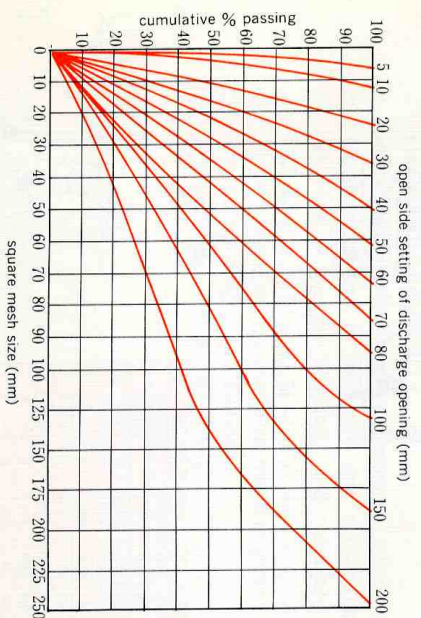
Selection Guide CRUSHING CAPACITIES

GOH' BRAND MADE IN JAPAN

Model No.	Feed Opening		Open Side Setting (mm)																Power Required		RPM					
	(mm)	(inch)	15	20	25	30	40	50	60	65	70	75	80	100	125	150	175	200	225	250		300	400	(HP)	(kW)	
S 1	250×180	10×7	2.5	3.5	4.5	5.5	7																	7.5~10	5.5~7.5	360
S 2	400×250	16×10	7	9	11.5	15	20																	15~20	11~15	350
S 3	510×250	20×10	14	17	24	31	37	40	44	48														30~40	22~30	330
S 4	610×380	24×15						30	38	45	50	53	58	60	70									40~50	30~37	280
S 5	760×460	30×18							41	50	54	58	65	68	80	95								50~75	37~55	250
S 6	920×610	36×24													80	96	120	135	150					100	75	250
S 7	1020×810	40×32													120	150	175	195	225	250				125~150	95~110	220
S 8	1220×1020	48×40													220	270	320	370	410	460	520			150~200	130~150	200
S 9	1520×1270	60×50													370	440	470	530	560	610	720			230~300	175~220	180
S 10	1830×1470	72×58													580	640	700	750	800	880	1090			330	250	160
S 5-7	760×180	30×7							16	21	25	35												50~60	37~45	360
S 7-8	1020×200	40×8							30	34	45	56												60	45	350
S 8-8	1220×200	48×8							37	42	55	65												75	55	350

Capacities shown are approximate and are based on 1.6 tons per cubic meter of limestone. Figures are expressed in metric tons (2,205 pounds) per hour. Capacities will vary depending on feed size, chemical composition, crushing characteristics and moisture content of the material, method of feeding, etc.

GRADATION PERCENTAGE CHARTS



The charts show the gradation of materials that GOH Single Toggle Jaw Crusher will produce at various settings. To determine the gradation for each curve, read the square mesh sizes at the bottom of the graph. The percentage passing a given size is read across the left side of the graph.

As an example, if discharge setting is measured 100 mm, material of following gradation will be produced:

square mesh size	percent passing
100 mm	78 %
50 mm	41 %
30 mm	25 %
10 mm	8 %