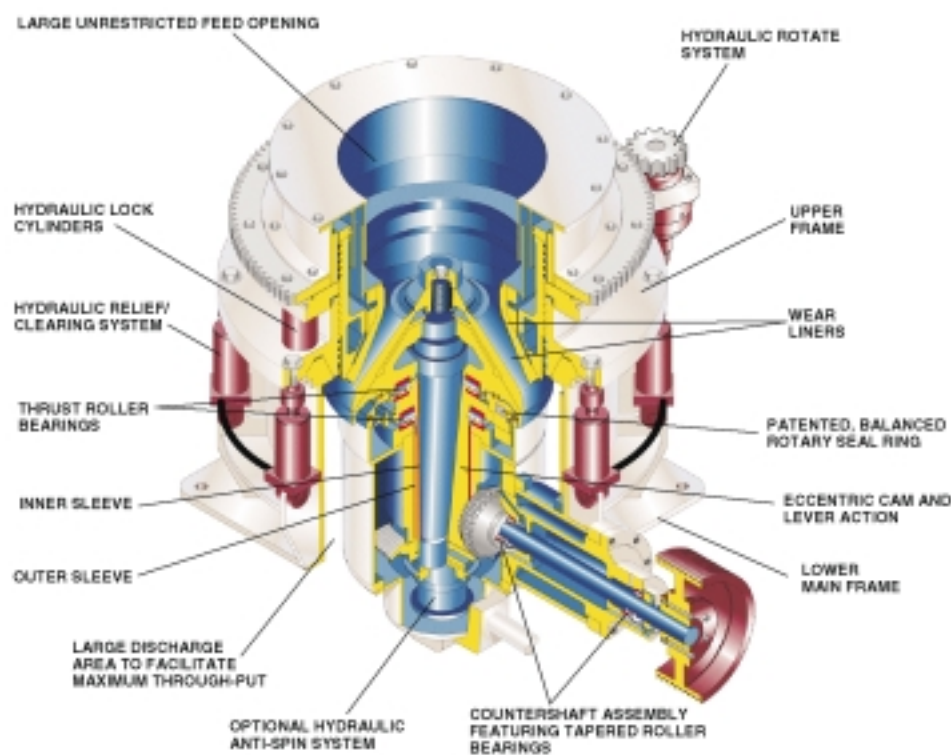
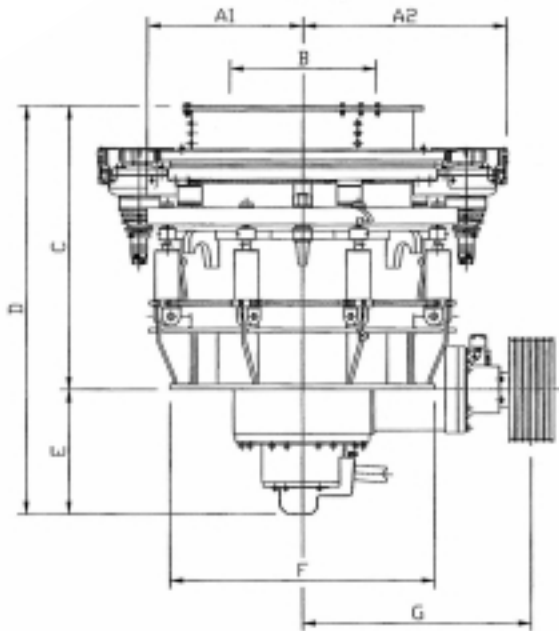


Osborn Telsmith H-Series Gyrasphere Cone Crusher



For maximum productivity and convenience, the Telsmith H Series Gyrasphere Cone Crusher offers unbeatable innovation - with greater machine balance, reduced maintenance and stress.

- A patented Hydraulic relief / clearing system protects the Gyrasphere from crushing chamber overload.
- Hydraulic rotate mechanism for high speed adjustment as well as support bowl insertion / extraction.
- To produce a powerful crushing action, the Telsmith Gyrasphere uses the combined force of a cam and lever action.
- To reduce stresses to an absolute minimum, the power of the two forces distributes the loads evenly over a large bearing area.
- The fabricated counterbalanced rotary seal ring offers greater machine balance resulting in smooth operation, while the non-contact seals reduce costly maintenance and minimize wear.
- To prevent dirt and dust from entering the crusher lubrication system the manganese mantle can be replaced without removing the head and shaft assembly.
- For control and safety, the crusher boasts a safety shut-down system.
- Incorrect oil temperature, flow or pressure activates an alarm and stops the crusher.



SPECIFICATIONS

H-Series Gyrasphere Cone Crusher

Model	A1	A2	B	C	D	E	F	G
38	925	1213	864	1691	2431	740	1576	1330
44	980	1265	975	1810	2550	740	1730	1308
52	1030	1310	1155	2000	2825	825	2030	1395
57	1145	1606	1330	2220	3020	800	2336	1715
68	1500	1960	1575	2450	3375	925	2885	1980

Model	Mass	Heaviest Lift
38	12483 kg	7312 kg
44	14000 kg	9155 kg
52	21750 kg	12727 kg
57	30000 kg	15363 kg
68	49500 kg	26918 kg

CAPACITIES

Model	Kw	Setting Range	Feed Opening Range		Capacity Range Metric Tonne
			Open side	Closed side	
38 S	110	10 - 35mm	120-175	85-145	125-300
38 FC	110	10 - 25mm	80-105	45-70	100-220
44 S	160	13 - 44mm	125-180	90-150	160-390
44 FC	160	10 - 25mm	90-110	50-80	155-290
52 S	200	16 - 44mm	140-210	95-165	215-450
52 FC	200	10 - 25mm	100-130	60-90	180-330
57 S	250	19 - 50mm	220-270	185-230	355-600
57 FC	250	12 - 25mm	85-150	45-110	315-470
68 S	350	19 - 50mm	225-285	180-260	500-910
68 FC	400	10 - 32mm	85-168	40-125	440-690

Notes:

- Settings depend on bowl selection and feed size.
- 'S' capacities represent one pass through crusher.
- 'FC' capacities represent total throughput based on closed circuit crushing.
- Capacities depend on type of material crushed, feed analysis, moisture content, feed method and the amount of fines in the feed.
- The crusher is suitable for feed having a compressive strength of less than 350MPa.

Osborn. Designers and manufacturers of bulk materials handling and minerals processing plant and equipment.

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