

SYTECHS ST-SG SERIES HYDRO CONE CRUSHERS



**SINGLE SHAFT
HYDRO CONE**

The Sytechs Hydraulic ST-SG series cone crushers is designed to match a wide range of applications. These cones are suitable for secondary and Tertiary crushing applications , designed for high efficiency and good discharge product shape. The ST-SG Sytechs cone crusher is built to deliver the highest efficiency and excellent end-product quality. The Single Cylinder design Hydro cone crusher in addition to the High Quality Steel and the optimized wear resistant components make of the ST_SG Cone crusher the right match and the most economical in the toughest conditions..

Features:

- High Performance & Efficiency
- Constant Feed acceptance Capability
- High output
- High quality product

Full Control of the Process

- Intelligent Control PLC
- Safety & Setting Adjustment Functions
- Heavy Duty Hydraulic Cylinder , supporting and adjusting the Main Shaft
- Automatic Overload Protection
- A variety of standard crushing chamber types to be chosen, which can fully meet various production requirements
- Automatic Control System Continuous monitoring of the internal load of the crusher and automatically adjust the equipment to get the best performance.
- Guaranteed performance when original Sytechs parts are used, a long lifetime of the cone crusher is guaranteed.





Skid mounted Unit. The cone crusher along with the driving electric motor are both mounted on a skid structure to reduce vibration and belt hammering. This results in better driving performance and longer motor bearing/counter shaft bushing life.



SOFT START DRIVE (SSD) SYSTEM

The Sytechs ST-SG Series Cone crushers are supplied with Soft Start Drives (SSD) System which are used to limit inrush current associated with electric motor startup. Soft-start drives lower the initial voltage by adding solid-state series impedance and ramp up until full speed is achieved. Doing this extends the life of the motor and mechanical components that are connected to it. The SSD also eliminates high inrush current on large electric motors which places a high demand (Power Surge) on the electrical supply system and often results in extra cost and larger power generators.

Guaranteed performance when original Symonstechnology (Sytechs) parts are used, a long lifetime of the cone crusher is guaranteed

Wearing parts are available with High Manganese MN13%, Mn18%, Mn21%

TECHNICAL SPECIFICATIONS

ST-SG75S	ST-SG160S	ST-SG220S	ST-SG75	ST-SG185	ST-SG220	ST-SG355	ST-SG355S
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Technical Specifications

Power	75-90KW (100-125HP)	110-160KW (150-225HP)	132-250KW (175-350HP)	75-90KW (100-125HP)	132-200KW (175-275HP)	250-315KW (325-425HP)	250-355KW (325-450HP)	200-355KW (275-475 HP)
Basic Crusher Weight	7350Kg (16,200 lbs)	10,900 Kg (24,000 lbs)	16,200 Kg (35,700 lbs)	5,800 Kg (12,800 lbs)	10,200 Kg (22,500 lbs)	15,700 Kg (34,600 lbs)	26,500 Kg (58,400 lbs)	33,500 Kg (73,400 lbs)

Capacity	80-275 TPH	110-274 TPH	180-484 TPH	35-116 TPH	70-308 TPH	105-430 TPH	160-561 TPH	300-957 TPH
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For more technical details, please download the brochure

