



Terex<sup>®</sup> Minerals Processing Systems

# SG 1200 Gyratory Crusher



**WORKS FOR YOU.™**

## Terex® Jaques SG 1200 Gyratory Crusher

Increased capacity, power and wear adjustment is what the Terex® Jaques SG 1200 Secondary Gyratory Crusher delivers. The SG 1200 features a large stroke, a spherical plain spider bearing, a constant feed opening crushing chamber and a large product discharge area.

- ▶ **Large feed opening**
- ▶ **High throughput**
- ▶ **Hydraulic CSS adjustment**

### Specifications

**Size:** 1200mm

**Machine Weight:** 28,500 kg

**Feed Opening:** 450mm

**Countershaft Speed:** 890 RPM

**Shaft Gyration:** 250

**Power Requirement:** 250 kW

**Motion of Head:** Adjustable in range 24-42mm

**Crusher Pulley:** 500mm P.C.D.x10 - SPC Grooves

### Features

**Power capacity 250kW** - High throughput capability.

**Field adjustable crushing stroke** - Adjust to suit operating throughput.

**Constant feed opening crushing chamber** - Improved life and efficiency.

**Concave retained within top shell totally independent of the bottom shell** - Concave can be installed in the top shell remotely from the machine, improving ease of maintenance.

**Increased bottom shell product discharge area** - Improved product discharge and increased capacity.

**Spherical plain spider bearing** - Longer bearing life, minimises stroke loss caused by bearing wear. Extended life of eccentric and bushings due to improved alignment.

**Hydraulically assisted upper concave removal (optional)** - Ease of maintenance.

**Advanced Automation System** - Full automation available with the Terex® Jaques Crusher Management System (optional).

### Capacities

MOTION (mm)	MAXIMUM POWER (kW)	APPROXIMATE CRUSHER THROUGHPUT AT LISTED (mm) C.S.S.						
		45mm	48mm	50mm	54mm	57mm	60mm	64mm
24	185	345	355	365	370	375	380	385
28	185		405	410	415	420	425	430
32	220			455	460	465	470	480
37	250			500	510	515	520	530
42	250					560	570	580

Note: 1) Capacities are listed in metric TPH and are to be used as a guide only. Figures are based on open circuit crushing of dry material at 1600 kg/m<sup>3</sup>. Material finer than the closed side setting is to be removed from the crusher feed.

2) The crushability of material can vary greatly dependent upon the work index value, moisture content and the feed grading. All these factors influence the crusher performance, ie. grading plus throughput.

3) The capacities and settings shown are a guide only and require confirmation by Terex® Minerals Processing Systems for correct selection and capacity to suit your application.

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