

Sample Preparation

TG-214

Laboratory Jaw Crusher

Crushing

Motor-driven jaw crusher with manganese steel jaws for crushing samples in laboratories and small production units.

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Description

A compact jaw crusher on a steel frame, built for fast crushing of samples. The jaws are manganese steel.

On the standard laboratory model you can set the discharge opening between 3 and 10 mm, with the jaws adjustable up to a 6 mm opening. It crushes about 250 kg of material in roughly eight hours and runs on a 440 V three-phase AC supply.

Larger crushers are available for higher throughput, from 100 × 150 mm (4 × 6 inch) jaws at 150 to 200 kg per hour up to 375 × 600 mm (15 × 24 inch) jaws at about 1 tonne per hour. Feed size, discharge size, motor and capacity for each size are in the specifications.

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

Technical specifications

Jaws	Manganese steel
Discharge opening (lab model)	3–10 mm
Output (lab model)	About 250 kg in 8 hours
Power	440 V, 3-phase AC
100 × 150 mm (4 × 6")	Feed 25–30 mm, discharge 6–20 mm, 3 HP, 150–200 kg/h
150 × 200 mm (6 × 8")	Feed 45–50 mm, discharge 10–22 mm, 5 HP, 300–400 kg/h
200 × 300 mm (8 × 12")	Feed 65–70 mm, discharge 12–25 mm, 7.5 HP, 400–500 kg/h
300 × 400 mm (12 × 16")	Feed 90–100 mm, discharge 15–30 mm, 10 HP, 600–750 kg/h
375 × 600 mm (15 × 24")	Feed 100–150 mm, discharge 25–55 mm, 15 HP, about 1 t/h