

# TESAB

## 800i

## TRACKED JAW CRUSHER

The Tesab 800i is a robust tracked jaw crusher and is the largest crusher in the Tesab range. It is designed for primary hard rock crushing at the quarry face with a capacity of +400TPH. It features a large quick setup hopper with bolt in wear resistant liners as standard, along with twin independent feeders with prescreen for maximum feed capacity and throughput.

The 3.8 metre discharge height maximise's stockpile capacity, along with a telescopic side dirt belt as standard, helps reduce vehicle movements for lower operational costs, site health & safety and lower carbon emissions. Direct drive crusher setup with large flywheel, ensures most efficient power delivery and high inertia, lower maintenance costs and simpler operation.

Our simple design delivers on reliability and performance.

## FEATURES & BENEFITS

- Integrated dust suppression comes as standard.
- Safe, simple controls make it easy to use.
- The top step deck vibrating independent scalping feeder enhances material separation and allows efficient processing of dry and wet feed material.
- The 2-deck independent pre-screen scalping feeder increases productivity making the 800i a very efficient crushing machine.
- The pre-screen scalping feeder removes unwanted fines from the feed material before it enters the crushing chamber reducing wear and prolonging the life of the machine.
- Sensors start and stop the primary and scalping feeder to ensure a consistent feed rate to the crusher.
- Can be integrated with secondary crushing and screening equipment.

# MOBILE JAW CRUSHERS



# TESAB

Large Hopper + New Feeder System = Higher Throughput

Direct Drive Design + Large Flywheel = High Inertia

Proven crusher unit for hard rock applications with an 1050mm x 800mm opening

1200mm Discharge Belt for Streamlined Material Flow

Hydraulic Legs Adjustment

Heavy Duty Design for Quarry Market

## PERFORMANCE SPECIFICATION

\* Depending on material density and set-up

| Production Rate | Max Feed Size | Reduction Ratio | Engine Size              | Pre Screen |
|-----------------|---------------|-----------------|--------------------------|------------|
| +400TPH*        | 800mm (31")   | Up to 6:1       | CAT C9.3B (Tier3/Tier 4) | Yes        |

## DIMENSION SPECIFICATION\*

[tesab.com](https://tesab.com)

| TRANSPORT DIMENSIONS |                 |                   | WORKING DIMENSIONS |                   |                       |
|----------------------|-----------------|-------------------|--------------------|-------------------|-----------------------|
| Height               | Width           | Length            | Width              | Length            | Weight (Est.)         |
| 3850mm (12' 6")      | 3450mm (11' 3") | 16,900mm (55' 5") | 2950mm (9' 8")     | 16,610mm (54' 6") | 61,500kg (135,584 lb) |