



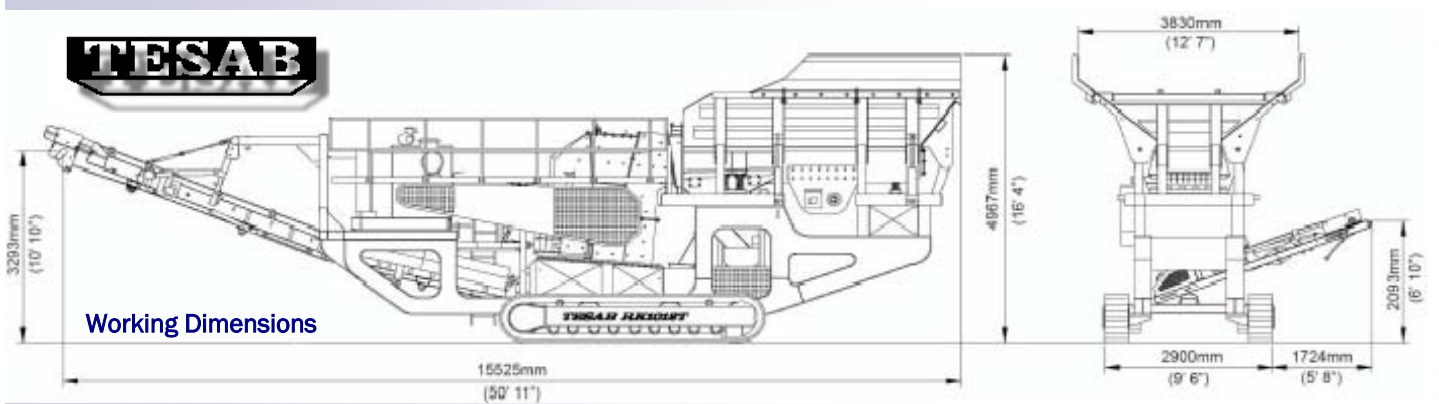
# Southeast Crush & Screen LLC

High Quality Mobile Crushing & Screening Equipment  
615-289-9890 [www.secrushandscreen.com](http://www.secrushandscreen.com)



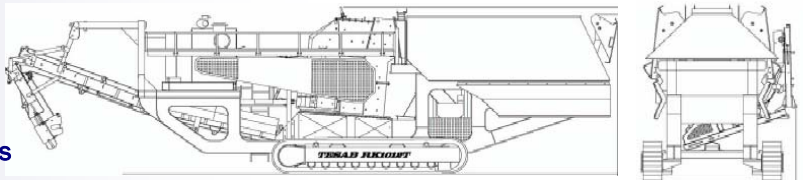
## TESAB 1012T 40" X 30" IMPACT CRUSHER

### SPECIFICATIONS



#### Transport Details

- Length: 47' 5"
- Height: 12' 10"
- Width: 10' 6"
- Weight: 102,500 lbs





## TESAB 1012T IMPACT CRUSHER

### Chassis

The chassis is constructed of heavy-duty profiles and welded steel plates ribbed and stiffened to withstand all operational and travelling stresses. The chassis is mounted on 12'-4" centre heavy-duty tracks, with remote control or dog lead operational facility.

### Feeder

The 14'-0" x 36" spring mounted heavy duty vibrating feeder is of twin shaft design. The controls and variable speed are located on the feeder catwalk or alternatively the feeder can be operated from the tracks remote control, this allows the operator full control of crusher feed rate. The bar frame cassette can be manufactured to the customers specification depending on application and site conditions. The customer has the option of feeding the fines onto the product conveyor belt or onto a 11'-9" x 20" side dirt conveyor. The feeder is fitted with hydraulic folding heavy-duty cribs to give extra hopper capacity.

### Crusher unit

The RK 1012 crusher unit is fitted with four hammers 39.375" wide. It has a feed opening of 40" x 31.5" and a rotor diameter of 47". There are two adjustable aprons and a final bar carrier which can be adjusted (hydraulically) from 3/16" to 3" depending on material feed size and reduction required. It is driven through 8 V-Belts and the chamber can be easily accessed by hydraulic control lever. There is a deadbox fitted under the crusher to allow easy flow of material onto the product conveyor. A speed sensor is fitted to the rotor that cuts off the feed before the crusher overloads.

### Product Conveyor

The product conveyor is fitted with a 40" heavy duty 4 ply belt and runs on heavy duty troughing rollers, impact bars are fitted under crusher to give belt full support at crusher exit. The conveyor is driven hydraulically through a flexible coupling and high torque reduction gear at the rubber lagged top end drum.

### Power Unit

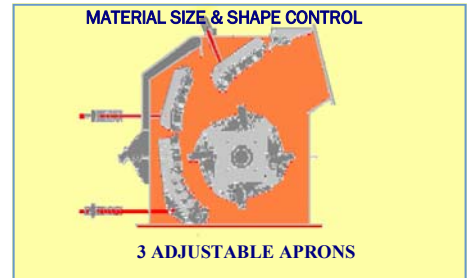
The engine is an electronic Caterpillar C9 (300HP at 1800rpm) Power Pack and the crusher clutch is engaged hydraulically. The pulley on the clutch can be easily changed to alter the rotor speed or if finer tuning is required the engine speed can vary between 1700 and 2200rpm. The conveyors, feeder, and rams are all driven hydraulically through pumps fitted to the engines auxiliary drive.

### Catwalks and Guards

All relevant catwalks, handrails and guards are fitted to this machine allowing access to all relevant maintenance points. Emergency stops are fitted to all necessary points. The machine carries the European CE mark and therefore complies with all Essential Safety Requirements.

**Hydraulic Tank Capacity—132 US Gals**

**Diesel Tank Capacity 185 Gals**



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