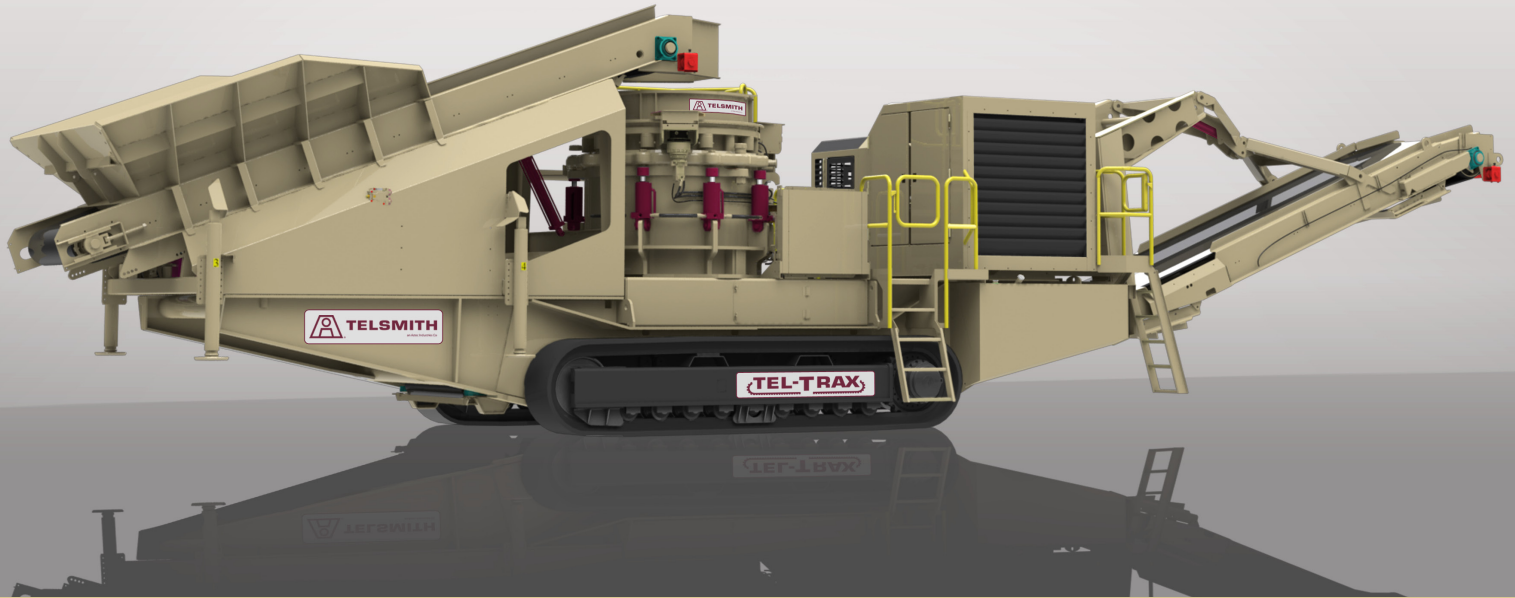




TELSMITH

an Astec Industries Co.



TEL-TRAX™ Model TC52

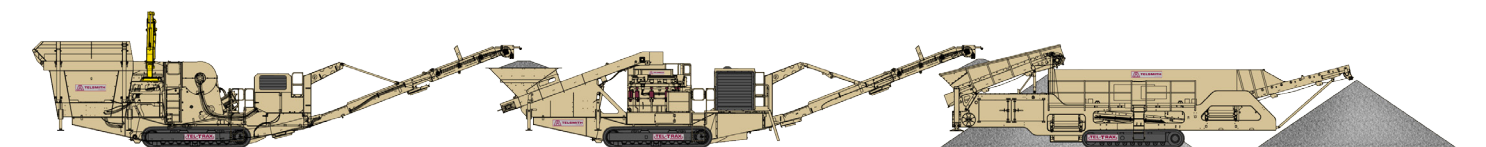
The TelSmith TEL-TRAX™ model TC52 is a self contained, high production, track mobile cone crushing platform designed to work with larger tracked primary crushers (like the TEL-TRAX™ TJ3258). Built for mine duty service, these TEL-TRAX™ plants are capable of processing larger stone at higher tonnages than the typical contractor oriented track plant.

Based on the 400 HP TelSmith 52SBS cone crusher, the TC52 is capable of accepting up to 12" (305 mm) top sized feed in secondary applications. When handling smaller feed, the versatile 52SBS can reliably produce finer

products such as asphalt chips and sand with excellent particle shape.

The on-board TEL-TRAX™ plant control system automatically monitors operating parameters and controls the feed rate. When combined with other TEL-TRAX™ plants in a circuit, sensors provide a soft link between the plants to maintain balance and optimum production.

Built rugged and designed to yield years of reliable service, the TEL-TRAX™ TC52 stands alone in an industry that pushes equipment to the limit.



TEL-TRAX™ plants are available as primary jaw, primary impactor, heavy duty scalping, secondary and tertiary cone and finish screening plants. These components can be combined to create a variety of complete crushing circuits, yielding multiple product outputs. Sensors and surge bins create "soft links" throughout the process to automate feed control and balance material flow for optimum output and minimum operator oversight.

TEL-TRAX™ TC52 Plant Specifications:

Telsmith TEL-TRAX™ Chassis:

- Telsmith fabricated structural steel chassis
- Track undercarriage (capable of 1Km/h travel speed)

Telsmith Model 52SBS or SBX Cone Crusher:

- 400 HP hydraulic drive
- Anti-Spin system extends manganese life
- Dynamic adjustment with push button calibration

Telsmith Feed Conveyor Module:

- Flared receiving hopper with feed control gate
- 54" (1372 mm) wide belt, 3-ply belting, vulcanized seam
- Laser sensor at discharge measures crusher feed level
- Variable speed drive with auto feed control
- Hydraulic raise/lower provides access to crusher liners

Diesel Engine:

- CAT C-15, 540 HP, diesel Engine (Tier III or Tier IV options)
- 225 Gallon (852 litre) fuel tank

End Discharge Conveyor:

- 54" (1372 mm) wide x 45' (13.7 M) long
- 3-ply belting, vulcanized seam
- Zero speed sensor
- Ultra sonic sensor over discharge pile

Conveyor Removal System:

- Hydraulic raise / lower tail section with quick disconnect
- Hydraulic raise / lower head section with quick disconnect
- Folding legs support the conveyor on the ground while the plant backs away, providing unfettered maintenance access to the crusher and conveyor

Plant Controls:

- Handheld remote wireless controls
- On-plant PLC controls and display
 - Crusher setting
 - Liner wear
 - Plant diagnostics

Additional Plant Options:

Feeder Module Hydraulic Lift Package:

- Four point hydraulic lift package with gas engine. The module lifts off the TEL-TRAX™ chassis for independent travel, or, for improved maintenance access to the crusher.

Folding conveyor extension 10' (3 M):

- 10' (3 M) additional conveyor length increases discharge height to 14'-6" (4.4 M)

Belt Scale:

- Monitors current production rate and total production for the period. Data can be displayed through the optional MobileStar link.

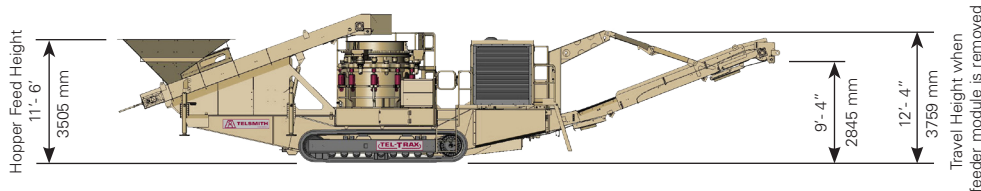
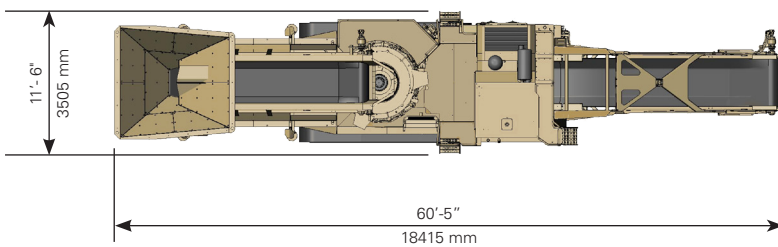
Dust Suppression Piping:

- Provides spray pipes, hoses and manifold with shut-off valve for dust control.

MobileStar Communications Package:

- Monitor plant operations from any computer with web access,
- Trending of operating parameters,
- GPS tracking of the equipment,
- With permission, the factory service dept. can view reports and assist troubleshooting.

Plant Weight and Dimensions:



Plant Weight		
Tel-Trax chassis with crusher	52,164 Kg	115,000 lbs
Feeder Module	6,486 Kg	14,300 lbs
Discharge conveyor	5,035 Kg	11,100 lbs
Total Assembly	63,685 Kg	140,400 lbs

Note: Weights are approximate and based on standard equipment, dry weight. Incorporating additional options will increase the weight.

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