

# IC-100

## IMPACT CRUSHER



The Finlay® IC-100 mobile impact crusher has been specifically designed for quarrying, construction and demolition debris, reinforced concrete and asphalt recycling applications.

The IC-100 features a Ø860mm x 860mm (Ø34" x 34") direct drive horizontal impact chamber with variable rotor speed. The advanced electronic control system monitors, controls and regulates the speed of the VGF to maintain a consistent feed of material into the impact chamber to maintain optimal crushing capacity.

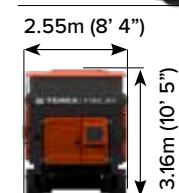
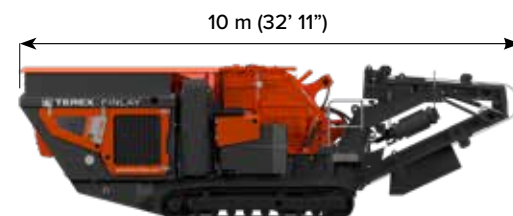
The IC-100 provides operators with a compact and versatile machine that gives high material reduction ratios and produces a consistent product grading.

The compact size, ease of transport, quick set up times and intuitive operation make this machine ideal for contract crushers, independent rental houses and small scale operators.

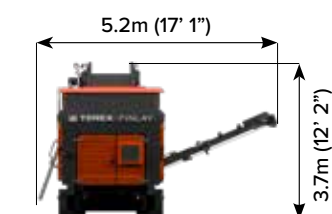
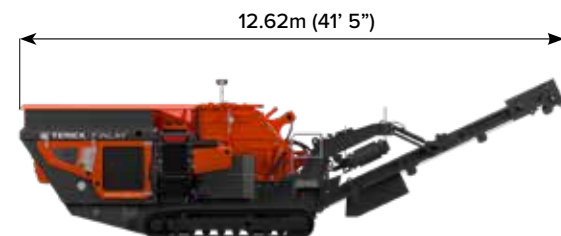
### FEATURES:

- Direct drive Ø860mm x 860mm (Ø34" x 34") crusher chamber with independent belt tensioner allowing for rapid adjustment.
- Hydraulic apron setting assist provides convenient and efficient adjustment of the aprons.
- Hydraulic overload protection in event that an un-crushable object enters chamber.
- The ease of material flow through the machine has been greatly improved with each component increasing in width as the material moves through the machine.
- Crusher chamber is supplied with a 4 bar rotor and two apron design for large reduction ratios and consistent product shape.

### TRANSPORT DIMENSIONS



### WORKING DIMENSION



**MACHINE WEIGHT:** 29,000kg (63,934lbs)  
(Tier 4 with single pole magnet)

### ① HOPPER/FEEDER

Capacity: 2.6m<sup>3</sup> (3.4yd<sup>3</sup>)  
Feed height: 3.0m (9' 10")  
Width at rear: 2m (6' 7")  
Screen area: 1080 x 810mm (3' 7" x 2' 8")

### ② UNDERCARRIAGE

Shoe Width: 400mm (16")  
Track Speed: 2 speed motor as standard  
Gradeability: 30°

### ③ IMPACT CHAMBER

Rotor diameter: Ø860mm (34")  
Rotor width: 830mm (33")  
Inlet opening: 860mm x 720mm (34" x 28")  
Rotor speed Range: 750-900RPM  
Drive arrangement: Direct drive via clutch

### ④ BY-PASS CONVEYOR (OPTIONAL)

Belt Width: 500mm (20")  
Discharge Height: 2.48m (8' 2")  
Hydraulically folds for transport

### ⑤ MAIN CONVEYOR

Belt Width: 900mm (36")  
Full length main conveyor with impact bars at feed point  
Folding head section for transport  
Main conveyor can be lowered hydraulically for maintenance  
Discharge Height: 3m (9' 10")



### T-LINK TELEMATICS

T-Link telematics hardware and software along with free seven year data subscription are fitted and installed as standard.

