

# IC-100RS

IMPACT CRUSHER



STRONG **HERITAGE**, STRONG **FUTURE**

 **FINLAY**®  
A TEREX BRAND



# IC-100RS

## IMPACT CRUSHER



The Finlay® IC-100RS Portable Impact Crusher provides the versatility of a compact crushing and screening plant on one mobile platform for quarrying, construction and demolition debris, reinforced concrete and asphalt recycling applications. The machine features a direct drive  $\varnothing 860\text{mm} \times 860\text{mm}$  ( $\varnothing 34'' \times 34''$ ) horizontal impact crusher with variable speed control to give operators high levels of fuel efficiency and productivity.

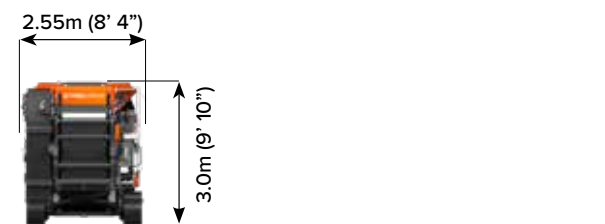
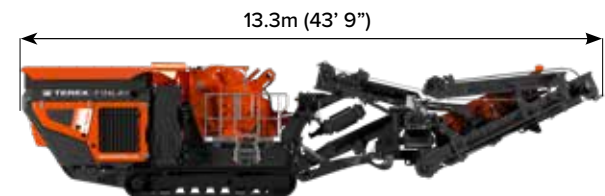
A key feature of the machine is the onboard  $2.44\text{m} \times 1.2\text{m}$  ( $8' \times 4'$ ) single deck screen. For applications not requiring recirculation of oversize material back to the crushing chamber or stockpiling an oversize product the complete screening and recirculating system can be quickly detached from the machine.

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.

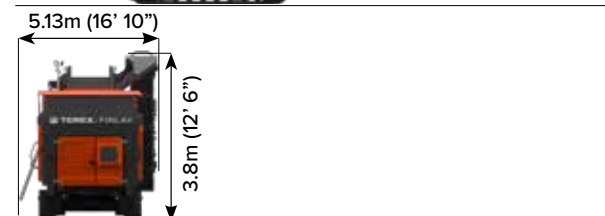
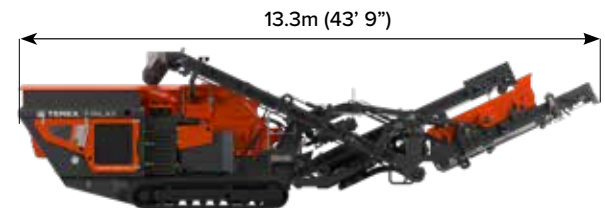
### FEATURES:

- Direct drive  $\varnothing 860\text{mm} \times 860\text{mm}$  ( $\varnothing 34'' \times 34''$ ) crusher chamber with independent belt tensioner allowing for rapid adjustment.
- Hydraulic apron setting assist provides convenient and efficient adjustment of the aprons and hydraulic overload protection in event that an un-crushable object enters chamber.
- Advanced electronic control system monitors, controls and regulates the speed of the VGF to maintain a consistent flow of material into the impact chamber
- Quick and easy detachable  $2.44\text{m} \times 1.2\text{m}$  ( $8' \times 4'$ ) single deck afterscreen, fines and transfer conveyor for open circuit crushing.
- Recirculating conveyor can be rotated from closed loop configuration and utilized for stockpiling making an additional oversized product.

### TRANSPORT DIMENSIONS



### WORKING DIMENSION



**MACHINE WEIGHT:** 29,100KG (64,155LBS)  
TIER 4 WITH SINGLE POLE MAGNET

### 1 HOPPER/FEEDER

Capacity:  $2.6\text{m}^3$  ( $3.4\text{yd}^3$ )  
Feed height:  $3.0\text{m}$  ( $9' 10''$ )  
Width at rear:  $2\text{m}$  ( $6' 7''$ )  
Screen area:  $1080 \times 810\text{mm}$  ( $3' 7'' \times 2' 8''$ )

### 2 UNDERCARRIAGE

Belt Width:  $400\text{mm}$  ( $16''$ )  
Gradeability:  $30^\circ$   
Track Speed: 2 speed motor as standard

### 3 IMPACT CHAMBER

Rotor diameter:  $\varnothing 860\text{mm}$  ( $34''$ )  
Rotor width:  $830\text{mm}$  ( $33''$ )  
Inlet opening:  $860\text{mm} \times 720\text{mm}$  ( $34'' \times 28''$ )  
Rotor speed Range:  $750\text{-}900\text{RPM}$   
Drive arrangement: Direct drive via clutch

### 4 RE-CIRCULATING CONVEYOR

Belt Width:  $500\text{mm}$  ( $20''$ )  
Discharge Height:  $3.1\text{m}$  ( $10' 4''$ ) discharge height in stockpile mode  
Conveyor can be hydraulically rotated between recirculation mode and stockpile mode

### 5 MAIN CONVEYOR

Belt Width:  $900\text{mm}$  ( $36''$ )  
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:  $3\text{m}$  ( $9' 10''$ )

### 6 SCREENBOX

Top deck:  $2.44\text{m} \times 1.2\text{m}$  ( $8' \times 4'$ ) single deck screen  
Screen Angle:  $25^\circ$   
Total screening area:  $2.93\text{m}^2$  ( $32\text{ft}^2$ )

### 7 FINES CONVEYOR

Belt width:  $1000\text{mm}$  ( $40''$ )  
Discharge Height:  $2.5\text{m}$  ( $8' 2''$ )



### T-LINK TELEMATICS

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





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