



TEREX | FINLAY

C-1540
C-1540RS
C-1550

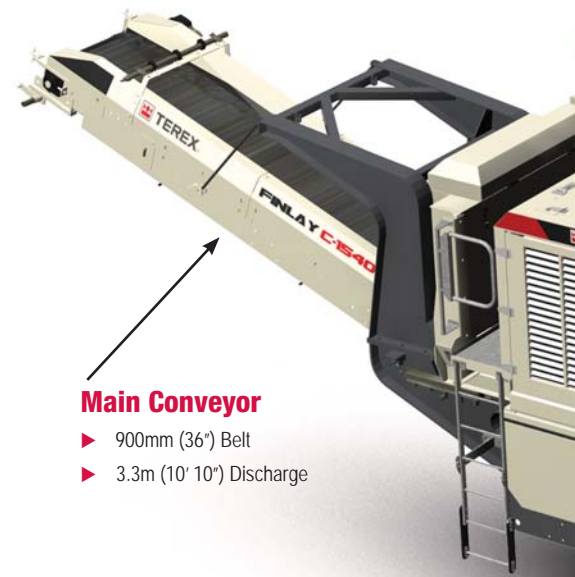
CONE CRUSHERS



WORKS FOR YOU.

FINLAY C-1540

When aggregate shape is paramount the C-1540 leads the way. Featuring direct variable hydrostatic drive, automatic tramp relief and hydraulic adjustable closed side setting the proven Terex 1000 cone chamber delivers efficient production and high material reduction ratio's.



Main Conveyor

- ▶ 900mm (36") Belt
- ▶ 3.3m (10' 10") Discharge

Standard Features

Engine:

Caterpillar C9 Acert 261 kW (350Hp) water cooled engine

FEEDER CONVEYOR / HOPPER:

5M³ capacity (6.5yd³), with impact reducing cross bars

Low level drop down rear feed point

Hydraulic retraction system (foldable for transport)

1050mm (42") wide feed belt

Controllable discharge system to purge metal contaminants from belt

Heavy duty, high torque hydraulically driven feed belt

Wear resistant liner plates (10mm) fitted to feed-in end of hopper

CONE:

Terex 1000 Cone chamber, 1000mm (40") head diameter

Long throw eccentric, medium coarse concave (max feed size 160mm)

Hydrostatic cone drive with electronic speed control system

"On the fly" hydraulically adjustable closed size setting with monitoring system

Mantle/concave wear indicator

Tramp metal relief system with automatic reset

MAIN BELT:

900mm (36") product conveyor belt

High spec scraper at head drum

Wear resistant liners (15mm) at crusher discharge point

GENERAL:

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty track unit, sprocket centres 3.8m, pad width 500mm

Hand held track control set with 5m connection lead

Single speed tracks with soft start

Safety guards to 'M&O' specification

Multiple easy access low level greasing points

Two auxiliary drives* standard on basic machine

Emergency stops (7 nr)

Dust suppression system (manifold, 3 bars, piping)

Features:

- ▶ Direct hydrostatic cone drive with variable speed control gives efficient production and ensures consistent product shape.
- ▶ Optional pre-screen module maximises production and reduces wear on the chamber by removing fine material before it enters the cone.
- ▶ Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the controllable purge system removes contaminants from the machine.



Powerunit

- ▶ CAT C9 261kW (350hp)
- ▶ Hydrostatic transmission
- ▶ Electronic control system
- ▶ Catwalk access

Pre-screen (OPT)

- ▶ 1830mm x1220mm (6'x 4')
- ▶ Single deck

Transfer conveyor (OPT)

- ▶ 1000mm (40") Belt

Hopper and Feeder

- ▶ 5m³ (6.5yd³) Capacity
- ▶ 1050mm (42") Belt
- ▶ Metal detection system

Fines Chute

Cone Chamber

- ▶ Ø40" (1000mm) head
- ▶ Direct Hydrostatic drive

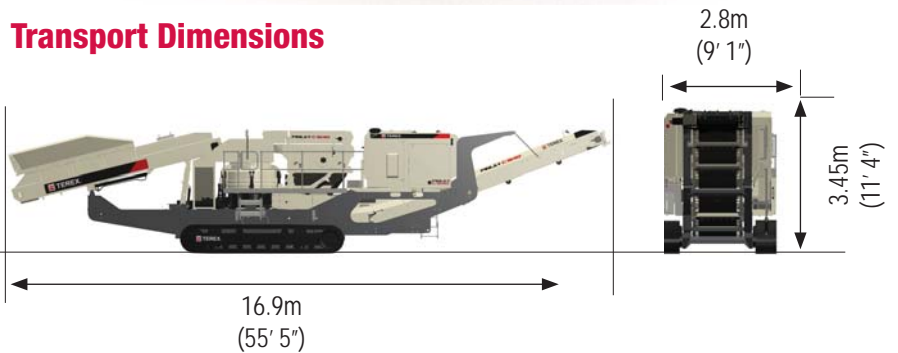
Contamination Purge Chute

Tracks

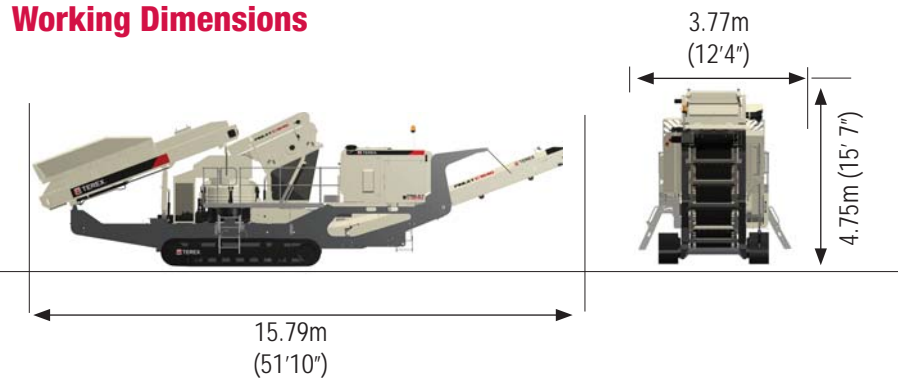
- ▶ 3.8m (12' 6") Sprocket centres
- ▶ 500mm (20") Shoe width



Transport Dimensions



Working Dimensions



Machine Weight:

38300Kg (84437lbs) *

* Note - Machine with Optional Pre-Screen fitted

WORKS FOR YOU.

FINLAY C-1540RS

The Terex Finlay C-1540RS provides the versatility of a crushing and screening plant on one machine. Based on the Terex Finlay C-1540 this machine features an innovative on-board recirculating system and detachable sizing screen. If recirculation and sizing of materials is not required the sizing screen can be quickly detached from the machine without the need for lifting equipment.

Standard Features

Engine:

Caterpillar C13 Acert 328 kW (440hp) water cooled engine

FEEDER CONVEYOR / HOPPER:

5m³ capacity (6.5yd³), with impact reducing cross bars

Low level drop down rear feed point

Hydraulic retraction system (foldable for transport)

1050mm (42") wide feed belt

Metal detection system on feed belt with 'auto-stop' feature

Controllable discharge system to purge metal contaminants from belt

Heavy duty, high torque hydraulically driven feed belt

Wear resistant liner plates (10mm) fitted to feed-in end of hopper

CONE:

Terex 1000 Cone chamber, 1000mm (40") head diameter

Long throw eccentric, medium coarse concave (max feed size 160mm)

Hydrostatic cone drive with electronic speed control system

"On the fly" hydraulically adjustable closed size setting with monitoring system

Mantle/concave wear indicator

Tramp metal relief system with automatic reset

MAIN BELT:

900mm (36") product conveyor belt

High spec scraper at head drum

Wear resistant liners (15mm) at crusher discharge point

Main conveyor dust cover

RE-CIRCULATING SYSTEM

3.66m x 1.52m (12' x 5') two deck screen

Top deck mesh fitted to screen - 40mm aperture fitted unless specified otherwise

Oversize transfer conveyor, re-circulating conveyor and fines conveyor fitted as standard

Quick detach screen and fines conveyor

Note:- Middle grade transfer conveyor is not fitted, this is only an option

GENERAL:

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty track unit, sprocket centres 3.8m, pad width 500mm

Hand held track control set with 5m connection lead

Single speed tracks with soft start

Safety guards to 'M&Q' specification

Multiple easy access low level greasing points

Two auxiliary drives* standard on basic machine

Emergency stops (7 nr)

Hot climate cooler kit

Main conveyor dust covers

Dust suppression system (manifold, 3 bars, piping)

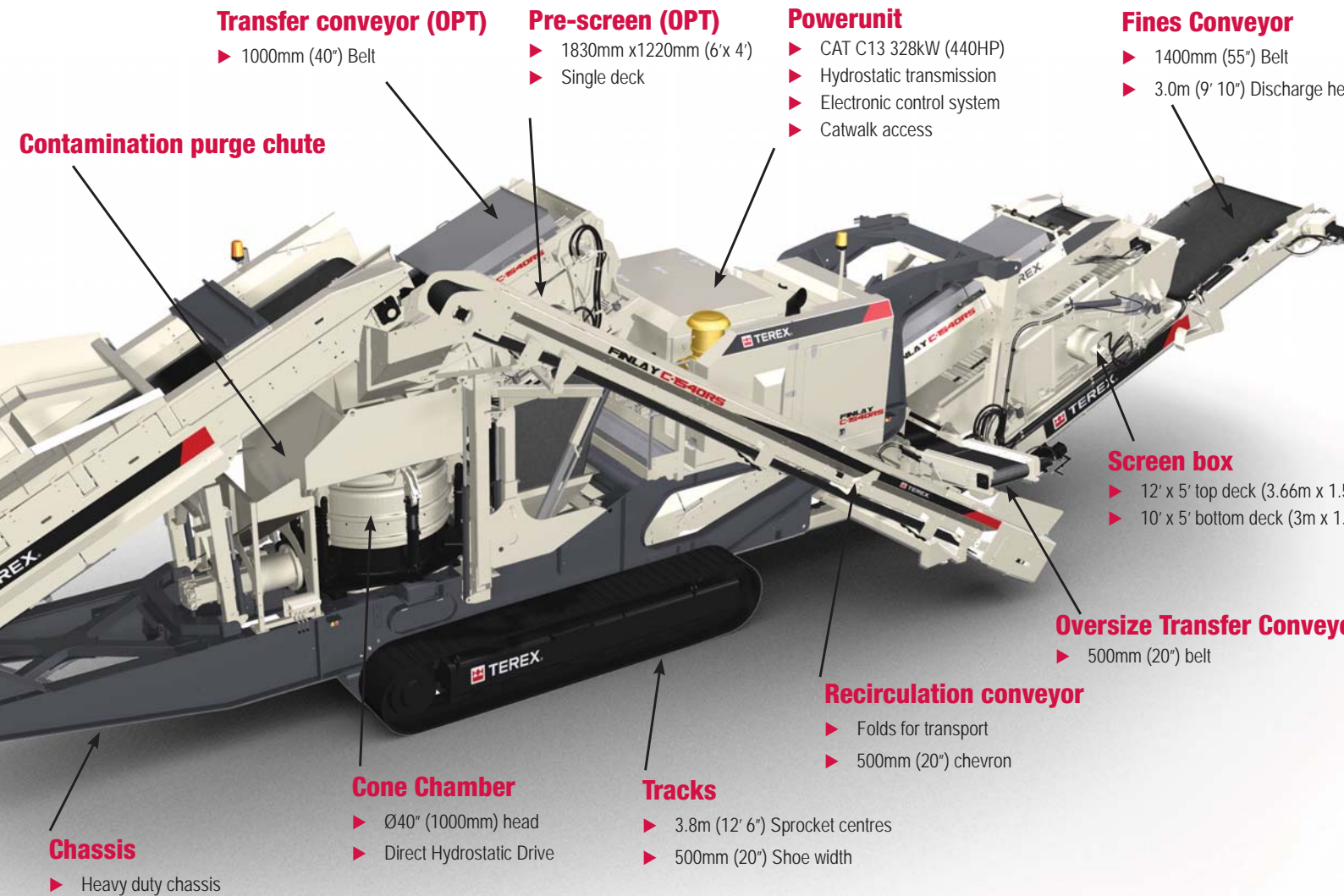
Hopper and Feeder

- ▶ 5m³ (6.5yd³) Capacity
- ▶ 1050mm (42") Belt
- ▶ Metal detector system

Features:

- ▶ Detachable 12' x 5' (3.66m x 1.52m) double deck sizing screen passes oversize material back to the crusher via the on-board recirculating conveyor.
- ▶ Quick and easy detachable screen and fines conveyor for open circuit crushing.
- ▶ The optional mid-grade conveyor in conjunction with the optional lower deck screen, produces a 2nd spec'd product.





Transfer conveyor (OPT)

- ▶ 1000mm (40") Belt

Pre-screen (OPT)

- ▶ 1830mm x 1220mm (6' x 4')
- ▶ Single deck

Powerunit

- ▶ CAT C13 328kW (440HP)
- ▶ Hydrostatic transmission
- ▶ Electronic control system
- ▶ Catwalk access

Fines Conveyor

- ▶ 1400mm (55") Belt
- ▶ 3.0m (9' 10") Discharge height

Screen box

- ▶ 12' x 5' top deck (3.66m x 1.52m)
- ▶ 10' x 5' bottom deck (3m x 1.52m)

Override Transfer Conveyor

- ▶ 500mm (20") belt

Recirculation conveyor

- ▶ Folds for transport
- ▶ 500mm (20") chevron

Cone Chamber

- ▶ Ø40" (1000mm) head
- ▶ Direct Hydrostatic Drive

Tracks

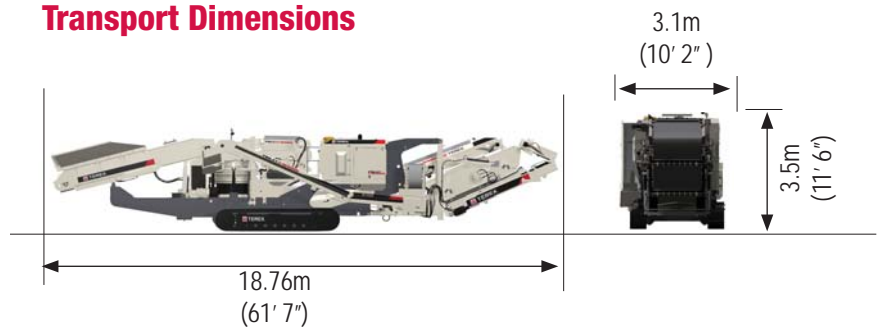
- ▶ 3.8m (12' 6") Sprocket centres
- ▶ 500mm (20") Shoe width

Chassis

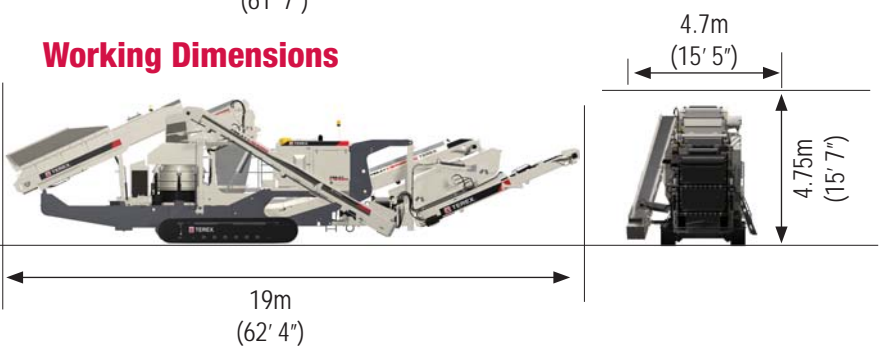
- ▶ Heavy duty chassis



Transport Dimensions



Working Dimensions



Machine Weight: 45600Kg (100531lbs) *

* Note - Machine with Optional Pre-Screen fitted

WORKS FOR YOU.

FINLAY C-1550

When aggregate shape and high production tonnages are vital the new Terex Finlay C-1550 leads the way. Incorporating the proven Terex® 1300 cone crusher with direct drive, variable speed control, tramp relief system and 'on the fly' closed side setting adjustment. The machine features an optional innovative pre-screen system with a single deck 8' x 5' screen to remove fines thus improving plant capacity, product flexibility and liner wear reduction. The pre-screen can produce a roadbase product from the optional side conveyor which can be fitted on either side. The large hopper/feeder features a metal detection and purge system to protect the cone and reduce downtime by removing metal contaminants from feed belt at the touch of a button.

Standard Features

Engine:

Caterpillar C15 Acert 390 kW (522Hp) water cooled engine

FEEDER CONVEYOR / HOPPER:

8M³ capacity, with impact reducing cross bars

Low level drop down rear feed point

Hydraulic retraction system (foldable for transport)

1200mm (3' 11") wide feed belt

Controllable discharge system to purge metal contaminants from belt

Heavy duty, high torque hydraulically driven feed belt

Wear resistant liner plates (20mm) fitted to feed-in end of hopper

CONE:

Terex 1300 Cone chamber, 1300mm (51") head diameter

Medium coarse concave (max feed size 220mm)

Direct cone drive via drive shaft and feed belts

"On the fly" hydraulically adjustable closed size setting with monitoring system

Mantle/concave wear indicator

Tramp metal relief system with automatic reset

Main Conveyor

1200mm (3' 11") product conveyor belt

High spec scraper at head drum

Wear resistant liners (15mm) at crusher discharge point

Dust covers fitted as standard

General

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty track unit, sprocket centres 4.165m, pad width 500mm

Hand held track control set with 5m connection lead

Single speed tracks with soft start

Safety guards to 'M&Q' specification

Multiple easy access low level greasing points

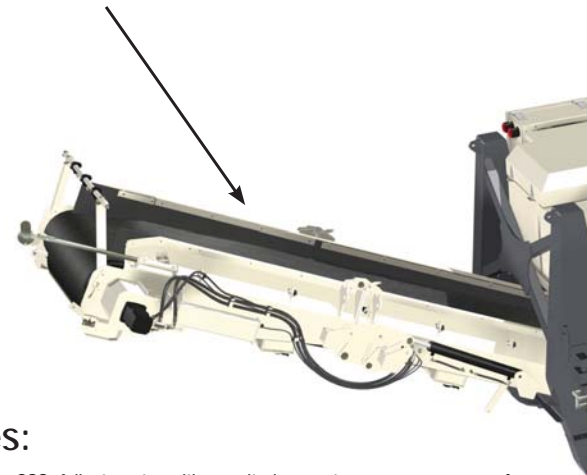
One auxiliary drives* standard on basic machine

Emergency stops (8 nr)

Dust suppression system (manifold, 3 bars, piping)

Main Conveyor

- ▶ 1200mm heavy Duty Plain Belt
- ▶ 3.8m Discharge Height
- ▶ Hydraulically Folding for Transport



Features:

- ▶ Fully Hydraulic CSS Adjustment with monitoring system ensures ease of operation
- ▶ Direct Drive with advanced electronic speed control system and variable speed control ensures consistent product shape.
- ▶ Hydraulic Tramp Relief System with automatic reset protects the chamber and minimises downtime
- ▶ Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the controllable purge system removes contaminants from the machine



By-pass conveyor (OPT)

- ▶ 650mm Plain Belt
- ▶ 2.8m Discharge Height
- ▶ Hydraulically Folding

Pre-screen System (OPT)

- ▶ 8'x5' Single deck Screen
- ▶ 1200mm Plain Belt Transfer Conveyor
- ▶ Hydraulically Folding

Feed Conveyor & Hopper

- ▶ 8m³ Standard Hopper Capacity
- ▶ 1200mm Belt
- ▶ Lined Hopper Walls
- ▶ High Spec Metal Detector - Standard

Powerunit

- ▶ CAT C15 390kW (522HP)
- ▶ Direct Drive
- ▶ Catwalk Access on 3 Sides
- ▶ Centralized Hydraulic Controls
- ▶ Large Capacity Diesel Tank (1100L)

Catwalks

- ▶ Fully Galvanised Catwalks & Steps

Contamination Purge Chute

Cone Chamber

- ▶ Terex 1300 Cone Crusher
- ▶ Fully Hydraulic CSS Adjustment
- ▶ Hydraulic Tramp Relief System

Tracks & Chassis

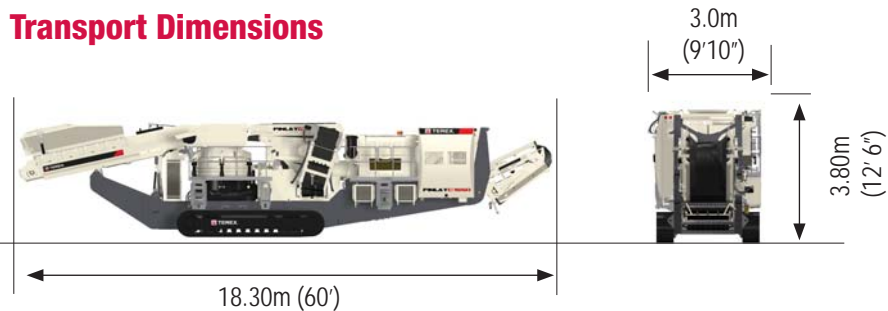
- ▶ 500mm Track Pads
- ▶ 4.2m Sprocket Centers
- ▶ Bolt on Tracks
- ▶ Heavy Duty Web & Flange Chassis

Controls

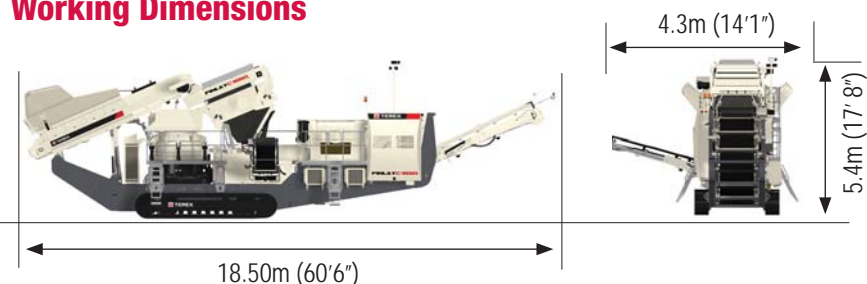
- ▶ Full CANBUS Controlled System



Transport Dimensions



Working Dimensions



Machine Weight: 63000Kg (138891lbs) *

* Note - Machine with Optional Pre-Screen fitted

WORKS FOR YOU.

www.terexfinlay.com

Effective 08.02.10. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2010 Terex Corporation.

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