

# The Extec E-7



# EXTEC E-7



The Extec E-7 is a heavy duty, tracked, self-propelled, open flow screening and stockpiling system. This revolutionary machine has been purpose built for the recycling and quarrying markets.

Based on in-depth customer and market analysis, the E-7 has been developed in order to deal with customers real requirements, which traditional screening solutions are unable to adequately cater for.

These include:

- Screening heavy over-burden at the quarry face
- Pre-screening/scalping prior to being fed into a crusher
- Recycling construction and landfill waste
- Separation of "sticky" aggregate

Applications Include:

- Rock products
- Boulder clay
- Mineral ores
- Large awkward concrete and waste products.

The following features document includes:

- Key features of E-7
- E-7 Technical Specification
- Product features
- Application photographs
- Transport & Working drawings



## Key features and Benefits of the E-7

- Heavy duty hopper, adjusted for length and loading height.
- Double plated, apron feeder/Belt feeder option.
- Heavy-duty screen box, with uniquely high throw and high vibration, with an adjustable angle incline ranging from 10-22°.
- Punched plate, heavy duty mesh, rock fingers or grizzly bars can be fitted to the top deck.
- Heavy duty mesh or fingers can be fitted to the bottom deck.
- Large materials can freely flow from the hopper onto the screen box.
- Heavy duty, crusher type chassis.





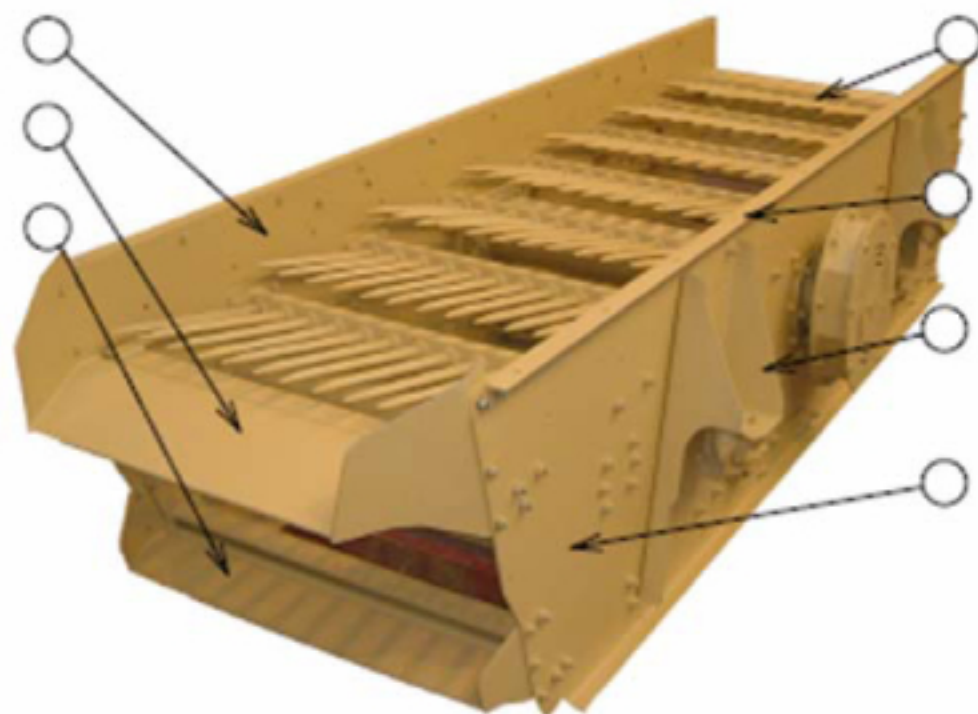
## E-7 Technical Specification

Screen size top deck	4200 x 1426 mm
Screen size bottom deck	4700 x 1446 mm
Length working	14407mm (47' 3")
Height working	4253mm (13' 11")
Width working	12956mm (42' 5")
Engine model	Deutz BF 4M2012C
Engine power	70 kW @ 2000rpm
Machine weight	28,000kg (61,729lbs)
Tail conveyor height	3450mm (11' 3")
Side conveyor heights	3400mm (11' 1")
Hopper conveyor width	1025mm (40")
Collect conveyor width	1200mm (47")
Rear conveyor width	1200mm (47")
Side conveyor width	800mm (31")



E-7 Screen box

Direct drive	1000 RPM
Screen throw	230mm      8"
Screen mesh top deck	3 panels: 1320mm (Width) x 1550mm (Length) 4'3"      (Width)      5'08"      (Length)
Screen mesh bottom deck	2 panels: 1397mm (Width) x 1981mm (Length) 4'5"      (Width) x 6'4"      (Length)



### E-7 Screen box Features and Benefits

Heavy duty screen box with uniquely high throw and high vibration and an adjustable incline from 10 – 22°

Excellent screening capabilities especially on difficult and 'sticky' materials

Incline and high vibration offer the ultimate screening surface

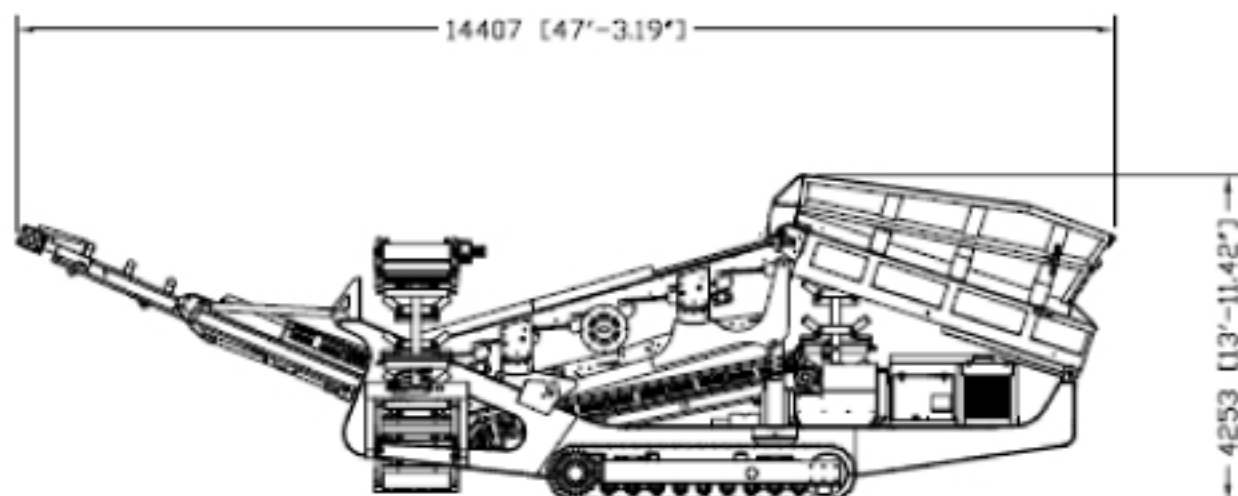
Heavy duty mesh or fingers on the bottom deck; punch plate, heavy duty mesh or fingers on the top deck

Flexibility over many materials with specified screening surfaces to suit different materials and products

Each deck can be fitted with different screening surfaces

Better screening efficiency allowing for a better separation of more materials

E-7 Working  
Drawings



E-7 Transport  
Drawings

