

PS 120R / PS 120



FEATURES

- Designed to produce cleaner material at a faster rate
- Specifically designed to work in the recycling industry, its versatility and design enables it to be easily adapted to work in gravel applications
- Consists of a trough and two spiral axles running counter to one another with interchangeable blades which intensively mix the feed material
- Friction from this process breaks down feed contaminants and allows scrubbed material to be stockpiled

FEATURES AND BENEFITS

- Two high output electrical motors driving a gear system, which in turn rotates the two counter-rotating axles, which perform the scrubbing action
- Interchangeable high tensile blades
- The material forms a bed in the hull, preventing wear in the steel trough
- The lower bearings are fresh water flushed to prevent wear or damage from small particles
- The machines are fitted with an elevated spray bar system, which constantly adds water to the material. This washes the material and encourages lighter particles to float through the water exit
- Full length walkway and steps, which can be fitted on either side of the machine, for ease of access and to view production
- 4 lifting points firmly attached to the sides of the hull for carriage when required
- Large inlet chute with bolt in wear plates
- Rubber lined catchboxes and outlet chutes
- Versatility and design enables it to be easily adapted to work in gravel applications
- Low water consumption
- Remote greasing to all bearings
- Heavy-duty robust construction ideal for rugged operating environments
- High capacity throughput
- Freshwater inlet 3" nipple

SPECIFIC TO PS 120R AND PS 200R

- Dewatering screens fitted to either end of the machine
- Specifically designed to work in recycling applications to separate contaminants from saleable material
- 8 x 4 (2.4m x 1.2m) dewatering screen removes excess water from material before final screening (specific to PS 120R only)
- 12 x 5 (3.7m x 1.5m) dewatering screen removes excess water from material before final screening (specific to PS 200R only)
- 6 x 2 (1.8m x 0.6m) dewatering screen separates lighter particles from the water on which it is floating
- Built in agitation system allows for further small particle discharge water discharge side

APPLICATIONS

- Gravel
- Crushed material
- Recycled / demolition material
- Most kinds of material that needs washed/scrubbed
- Iron ore

SPECIFICATIONS

PS 120

STATIC

WORKING LENGTH (INC WALKWAY)	9.70m (31' 9")
WORKING WIDTH (INC WALKWAY)	2.99m (9' 10")
WORKING HEIGHT (INC WALKWAY)	3.60m (11' 10")
FEED HEIGHT	2.69m (8' 10")
PRODUCT DISCHARGE HEIGHT	1.18m (3' 11")
WASTE WATER DISCHARGE HEIGHT	0.53m (1' 9")
TOTAL WEIGHT	8500kg (18750lb)

MOBILE (INC. CONVEYOR)

WORKING LENGTH (INC WALKWAY)	13.9m (45' 8")
WORKING WIDTH (INC WALKWAY)	3.00m (9' 10")
WORKING HEIGHT (INC WALKWAY)	3.98m (9' 8")
FEED HEIGHT	2.95m (9' 8")
PRODUCT DISCHARGE HEIGHT	3.98m (9' 8")
WASTE WATER DISCHARGE HEIGHT	0.78m (2' 7")
TOTAL WEIGHT	15200kg (33550lb)

PS 120R

WORKING LENGTH (INC WALKWAY)	13.23m (43' 5")
WORKING WIDTH (INC WALKWAY)	3.70m (12' 2")
WORKING HEIGHT	6.39m (21')
FEED HEIGHT	4.81m (15' 9")
PRODUCT DISCHARGE HEIGHT	(6x2) 1.99m (6' 6")
PRODUCT DISCHARGE HEIGHT	(8x4) 2.54m (8' 4")
WASTE WATER DISCHARGE HEIGHT	(6x2) 2.25m (7' 5")
WASTE WATER DISCHARGE HEIGHT	(8x4) 2.45m (8' 1")
TOTAL WEIGHT	17000kg (37500lb)

OPTIONS

- Galvanised structure
- Steel support with walkway, galvanized handrails, flow forge and access steps (single side walkway)
- Walkway around back of trash screen
- Adjustable working angle
- 2 deck dewatering screen to produce 3 aggregate products

HULL

Two high output electrical motors driving two counter rotating axles, which perform the scrubbing action

Interchangeable high tensile blades

Fresh water flushed bearings to prevent wear or damage

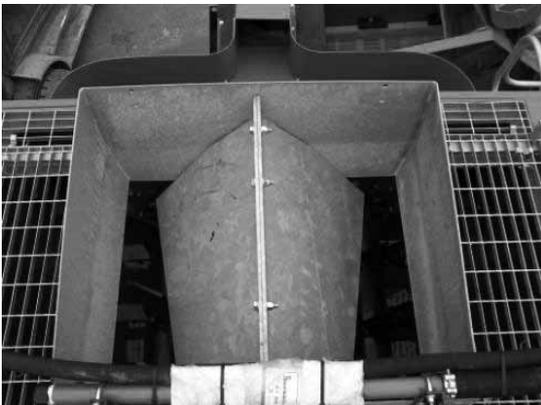
Elevated spray bars

Built in agitation system

4 lifting points firmly attached to the sides of the hull for carriage when required

Inspection hatches at inlet to clear debris

Flowforge complete with handrail, provides a safe working environment



Chute to slow and split the feed-in material



Spiral design axles with high tensile and quickly replaceable blades

FRAME

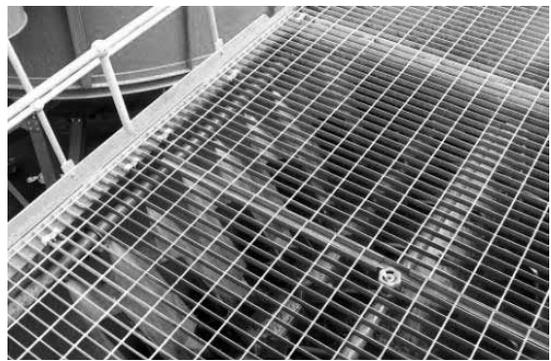
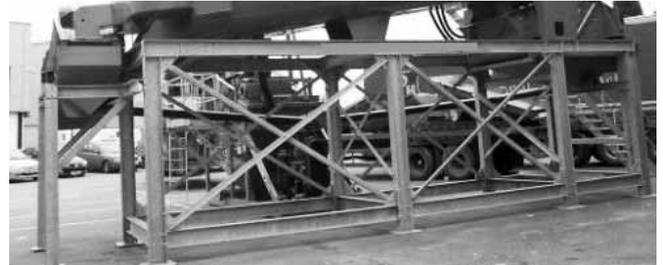
Galvanized sections for extended maintenance-free service

Bolt together construction for ease of transport

Heavy duty steel construction

Easy access to serviceable areas

Full length walkway and steps, which can be fitted on either side of the machine, for ease of access and to view production



Side mounted water injection system

MOBILE FRAME

Road axle and fifth wheel connection for ease of transport

Heavy duty steel construction

Jacking legs for quick site set-up

Walkway and steps, which can be fitted on either side of the machine, for ease of access and to view production.

Foldable tail conveyor



TRASH SCREEN

Size 1.8m x 0.6m (6' x 2')

Vibratory motors 1kW (1.34hp) (2off) 960 rpm

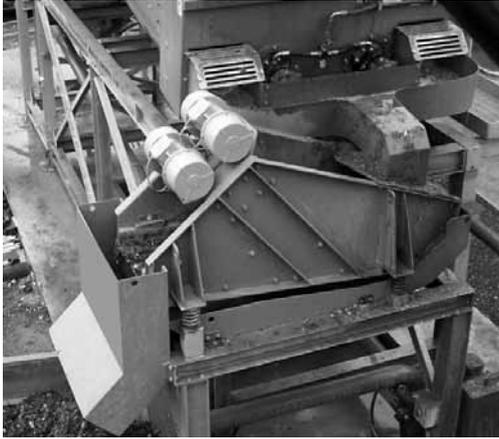
Screen aperture 3mm, 2mm & 1mm screens

Exceptional dewatering performance

Modular screen decks

Side protection liners

Rubber lined discharge chute



Sloped back panel and modular screen decks



Flume system for transfer from hull to screen



Low noise vibrating motor



Plastic lined chute

AGGREGATE SCREEN

Size 2.40 m x 1.20 m (8' x 4')

Vibratory motors 2.3kW (3hp) (2off) 960 rpm

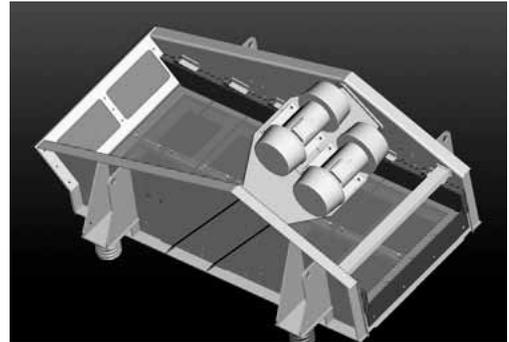
Screen aperture 5mm screens

Exceptional dewatering performance

Modular screen decks

Side protection liners

Rubber lined discharge chute



Sloped back panel for maximum water retention. Modular screen decks and side protection liners



Low noise vibrating motor



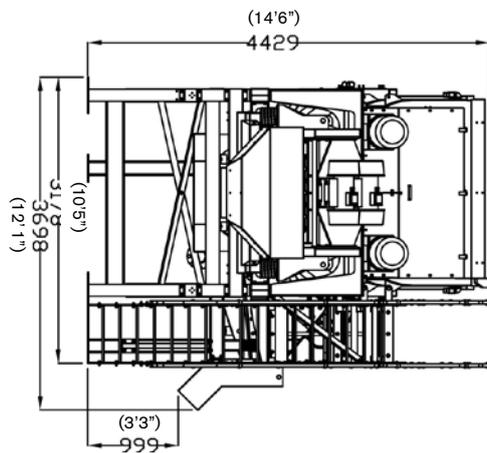
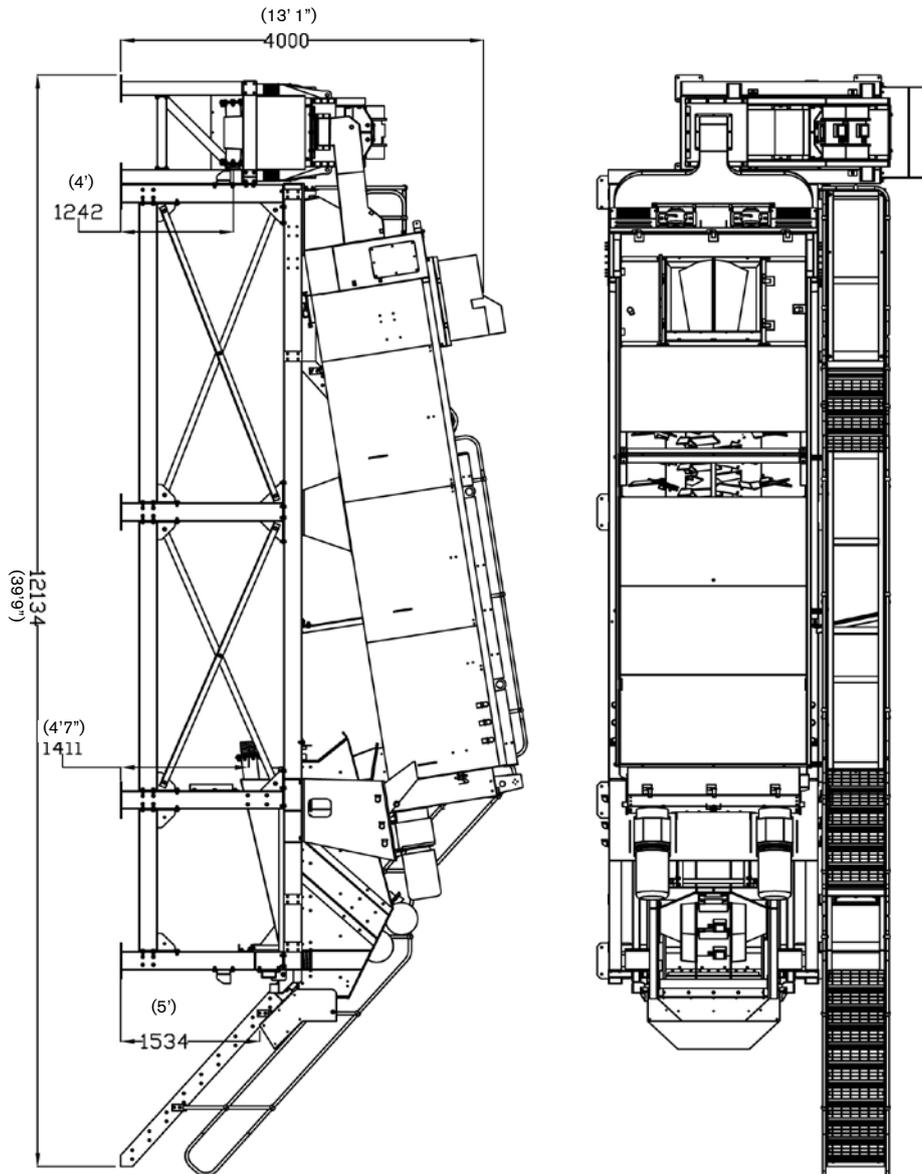
Integrated spraybars for final clean-up



Plastic lined chute

DIMENSIONS

PS 120R -3M STRUCTURE WORKING DIMENSIONS



TEREX WASHING SYSTEMS CONTACT DETAILS

Dungannon Site

200 Coalisland Road

Dungannon

Co. Tyrone

Northern Ireland

BT71 4DR

Tel: +44(0) 28 8771 8500

Email: TWS.sales@terex.com

www.terex.com/washing

YouTube

Check out Terex Washing System:
on YouTube: www.youtube.com/te



www.facebook.com/TerexCorpora



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