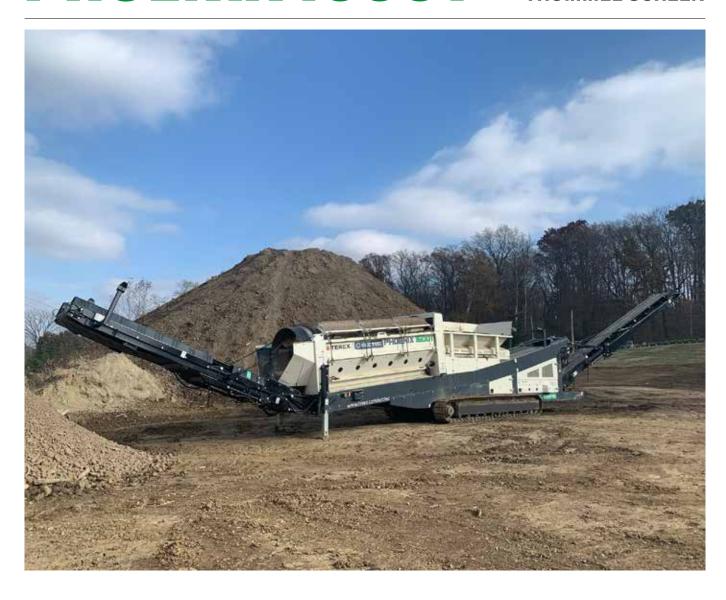
PRODUCT SPECIFICATION



PHOENIX 1600T

TROMMEL SCREEN







PHOENIX 1600T

Ideal for operation in inhibited areas the Phoenix 1600T offers increased site mobility

Powered by a Caterpillar C4.4 engine the Phoenix 1600T has been innovatively designed to provide excellent fuel efficiency and low operating costs, whilst also reducing emissions and noise levels due to the machine running at a low engine RPM. A tracked variant of the Phoenix 1600 it offers increased site mobility and is ideal for operation in inhibited areas.

Unrivalled production throughput is guaranteed due to the 4.9m (16') x 1.54m (5') drum providing a class leading screening area of 19m² (205ft²). The Phoenix 1600T is highly versatile and can easily screen a variety of material including topsoil, compost, sand and gravel, wood chip and C&D waste. Woven mesh or heavy duty punch plate panels can be fitted to the drum ensuring all application requirements are met.

The 180° swivel fines conveyor, with a discharge height of 5.65m (18' 6") results in the creation of impressive stockpiles. This swivel feature can be controlled via a remote while the machine is in operation, minimising downtime. The powerful four wheel drive system with high performance friction grip wheels is used to turn the trommel drum giving operators the ability to run bi-directionally.

Powerful hydraulics and intelligent feed control system ensure the Phoenix 1600T is always working at its optimum. The low engine RPM coupled with the fuel save (stand-by) mode guarantees peak efficiency. Easily transportable the Phoenix 1600T offers quick and easy set up along with excellent service access.



TECHNICAL DATA

TRANSPORT DIMENSIONS

Width: 2.6m (9' 2")

Height: 4.1m (13' 6")

Length: 16.1m (52' 10")

Weight: 21,100kg (46,500lbs)

WORKING DIMENSIONS

Width: 15m - 16.8m (49' 3"- 55' 1") (depending on conveyor angle)

Length: 24.8m - 26.3m (81' 4"- 86' 3") (depending on conveyor angle)

Feed height: 2.7m (8' 10")

HOPPER AND BELT FEEDER

4.3m3 (152ft3) capacity

3.7mm (12' 2") hopper length

900mm (35") 3 ply plain belt, 4 + 2 covers

Variable speed c/w intelligent feed control

Hopper extensions

DRUM

4.9m (16') Length

1,54m (5') Diameter

19m2 (205ft2) screening area

Friction four wheel drum drive system

Variable speed control

Mesh or Punch plate panels

Inclined drum (2°- 5°)

POWERPACK & CONTROL

Engine:

CAT C4.4 98kW (131HP) Stage IIIA Constant Speed CAT C4.4 82kW (110HP) Tier 4 Final

CAT C4.4 102kW (137HP) Stage V

CAT C4.4 98kW (131HP) LRC

Fuel capacity: 327L (86 US gal)

Hydraulic capacity: 425L (112 US gal)

Powerful hydraulics

Excellent service access

COLLECTION CONVEYOR

1200mm (47") 3 ply plain belt, 4 + 2 covers

Length: 11400mm (37' 5")

FINES DISCHARGE CONVEYOR

Width: 800mm (32") 3 ply plain belt, 5 + 1.5 covers

Length: 8700mm (28' 7")

Remote control 180° swivel

Variable operating angle 15° - 30°

Discharge height 5.65m (18' 6") @ Variable 30°

OVERSIZE CONVEYOR

Width: 800mm (32") 3 ply chevron belt, 3 + 1.5 covers

Length: 5400mm (17' 9")

Variable speed control

Variable operating angle 15° - 30°

Discharge height 3.6m (11' 9") @ 30°

TRACKED UNDER CARRIAGE

Bolts on tracks

400mm (16") shoe

4.3m (13' 1") sprocket centres

OPTIONS

Tipping grid - 4" and 6"

Heavy duty woven mesh

Punch plate

Flexxaire reversible cooling fan

Different colour paint

Additional remote control for tracking

Specification subject to change without notice









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