

**PRODUCT
SPECIFICATION**



PHOENIX 1600T

**TRACKED
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	POWERPACK & CONTROL	TRACKED UNDER CARRIAGE
Width: 2.6m (9' 2")	Engine: CAT C4.4 82kW (110HP) Tier 4 Final (USA & EU) CAT C4.4 97kW (130HP) Constant Speed (EU)	Bolts on tracks
Height: 4.1m (13' 6")	Fuel capacity: 327L (86 US gal)	400mm (16") shoe
Length: 16.1m (52' 10")	Hydraulic capacity: 425L (112 US gal)	4.3m (13' 1") sprocket centres
Weight: 21,100kg (46,500lbs)	Powerful hydraulics	
	Excellent service access	
WORKING DIMENSIONS	COLLECTION CONVEYOR	OPTIONS
Width: 15m - 16.8m (49' 3" - 55' 1") (depending on conveyor angle)	1200mm (47") 3 ply plain belt, 4 + 2 covers	Tipping grid - 4" and 6"
Length: 24.8m - 26.3m (81' 4" - 86' 3") (depending on conveyor angle)	Length: 11400mm (37' 5")	Heavy duty woven mesh
Feed height: 2.7m (8' 10")		Punch plate
	FINES DISCHARGE CONVEYOR	Flexxaire reversible cooling fan
	Width: 800mm (32") 3 ply plain belt, 5 + 1.5 covers	Different colour paint
	Length: 8700mm (28' 7")	Telemetry
	Remote control 180° swivel	Additional remote control for tracking
	Variable operating angle 15° - 30°	
	Discharge height 5.65m (18' 6") @ Variable 30°	
HOPPER AND BELT FEEDER	OVERSIZE CONVEYOR	
4.3m ³ (152ft ³) capacity	Width: 800mm (32") 3 ply chevron belt, 3 + 1.5 covers	
3.7mm (12' 2") hopper length	Length: 5400mm (17' 9")	
900mm (35") 3 ply plain belt, 4 + 2 covers	Variable speed control	
Variable speed c/w intelligent feed control	Variable operating angle 15° - 30°	
Hopper extensions	Discharge height 3.6m (11' 9") @ 30°	
DRUM		
4.9m (16') Length		
1.54m (5') Diameter		
19m ² (205ft ²) screening area		
Friction four wheel drum drive system		
Variable speed control		
Mesh or Punch plate panels		
Inclined drum (2° - 5°)		

Specification subject to change without notice





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