

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 1600T 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
HOPPER AND BELT FEEDER	FINES DISCHARGE CONVEYOR	Flexxaire reversible cooling fan
4.3m ³ (152ft ³) capacity	Width: 800mm (32") 3 ply plain belt, 5 + 1.5 covers	Different colour paint
3.7mm (12' 2") hopper length	Length: 8700mm (28' 7")	Telemetry
900mm (35") 3 ply plain belt, 4 + 2 covers	Remote control 180° swivel	Additional remote control for tracking
Variable speed c/w intelligent feed control	Variable operating angle 15° - 30°	
Hopper extensions	Discharge height 5.65m (18' 6") @ Variable 30°	
DRUM	Oversize conveyor	Specification subject to change without notice
4.9m (16') Length	Width: 800mm (32") 3 ply chevron belt, 3 + 1.5 covers	
1.54m (5') Diameter	Length: 5400mm (17' 9")	
19m ² (205ft ²) screening area	Variable speed control	
Friction four wheel drum drive system	Variable operating angle 15° - 30°	
Variable speed control	Discharge height 3.6m (11' 9") @ 30°	
Mesh or Punch plate panels		
Inclined drum (2°- 5°)		





DUNGANNON

32 Farlough Road
Dungannon, Co. Tyrone
BT71 4DT, Northern Ireland

Tel: +44 (0) 28 87 718 500

NEWTON

22 Whittier Street
Newton, New Hampshire
USA, 03858

Tel: +1 (603) 382 0556

Dealer Stamp:

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