

Barford TF1012 Blender

TRACKED BLENDING PLANT



SPECIFICATIONS

Operational length	12.02M (40')
Operational height	4.77M (15' 8")
Loading height	3.1M (10' 2")
Hydraulic tank capacity	650 l (143 gallon)
Diesel fuel capacity	450l (100 gallon)
Engine Make	Caterpillar
Transport width	3.45M (11' 4")
Transport height	3.8 M (12' 5")
Transport length	12.02M (40')
Total weight	19400 kgs (42770 lbs)

FEATURES & BENEFITS

- High capacity up to 1000tph (1102 US tph).
- Eliminates the need for manual mixing and blending- reduces labor hours, maintenance costs and fuel consumption.
- On site set up in less than 30 minutes
- Can accept loads from multiple sources.
- 10m³ and 12m³ high-capacity hoppers
- Variable speed belts to allow for define material ratio
- Impact rollers and removable fall break in hoppers
- A hydraulic operated single shaft Mixer/Shredder unit is located centrally to accept the discharge from both feeders.
- Run Stop sensors to detect when a hopper has run empty- controlled restart via remote
- 1200mm wide x 9.2m long discharge conveyor, fitted with a plain belt, capable of handling up to 1000tph of blended material.
- Rosta polyurethane belt cleaners on all belts.
- Hydraulic jacklegs for stability
- Rosta scraper.
- 6mm steel wear liners on both hoppers.
- 4 Metre x 400mm Strickland Tracks
- Easy to use control panel located centrally for easy access to the operator

TF1012 TRACKED BLENDING PLANT



APPLICATIONS



Aggregate

Sand & gravel Horticultural

Stabilisation

Remediation of contaminated soils

Incinerator Ash

Agricultural



Recycling

C&D waste

Foundry waste



Mining

Processed ores

Processed minerals

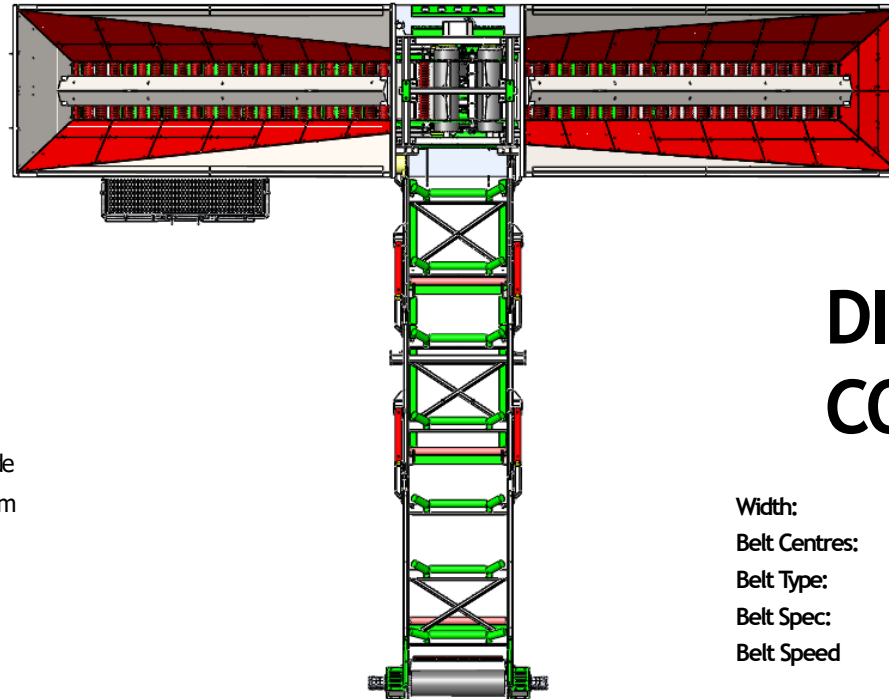


10m³ FEEDER HOPPER

Width	1000mm (40")
Belt Centres:	5.4m (17' 6")
Belt Type:	Plain
Belt Spec:	EP500 3 5+2
Loading Area:	5m+ Suitable for large shovels
Belt Speed Range:	Up to 20m/min

12m³ FEEDER HOPPER

Width	1000mm (40")
Belt Centres:	5.05m (16' 6")
Belt Type:	Plain
Belt Spec:	EP450 3 5+2
Loading Area:	5m+ Suitable for large shovels
Belt Speed Range:	Up to 20m/min



MIXING CHAMBER

Mixer Type	Single Shaft
Flail Type:	Straight Blade
RPM:	Up to 825rpm

DISCHARGE CONVEYOR

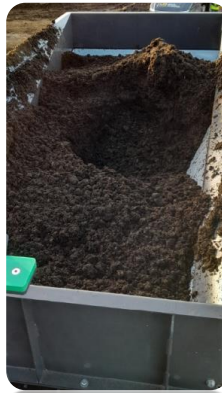
Width:	1200mm (48")
Belt Centres:	9.2m (30' 2")
Belt Type:	Plain
Belt Spec:	0 3 4EP40+2
Belt Speed	120 m/min



10m³ FEEDER HOPPER

Material
Ratio

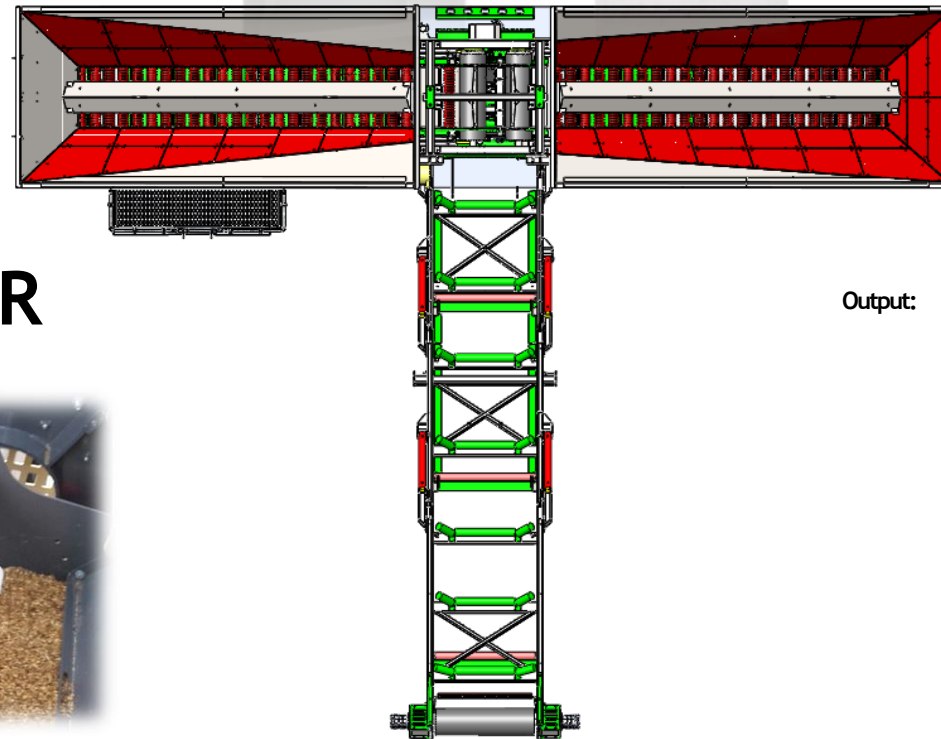
Compost
1:10



12m³ FEEDER HOPPER

Material
Ratio

Saw Dust
10:1



MIXING CHAMBER



DISCHARGE CONVEYOR

Output:

Professional Bedding 550 tph





POWER UNIT & HYDRAULICS



**TF1012 TRACKED
BLENDING PLANT**

Diesel-Hydraulic Power Unit

Unit powered by a Diesel Engine with multiple hydraulic pumps to provide oil flow for the various functions. Power unit is adequately enclosed in suitable canopy with oil cooler and airflow to control the temperature inside the enclosure. Diesel and hydraulic tanks located adjacent to the Power Unit



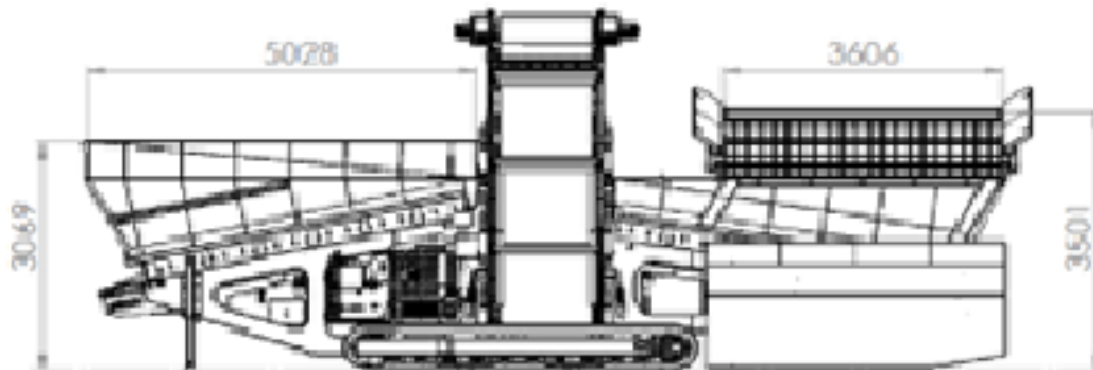


OPTIONS



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- Hydraulic tipping grid on one hopper
- Hardox wear plates in hoppers
- Chevron belt on discharge conveyor
- Hopper extensions
- Viewing platform
- Loop pipe system to run auxiliary conveyor up to 80'
- Hooked flail option in mixer
- Paddle shoe option in mixer
- Blade type / primary scraper
- Belt scales on product conveyor
- Overband magnet option on product conveyor
- Conveyor dust covers
- Conveyor water dust suppression (spray bar only)
- Dosing unit to add cement, lime or dust binder

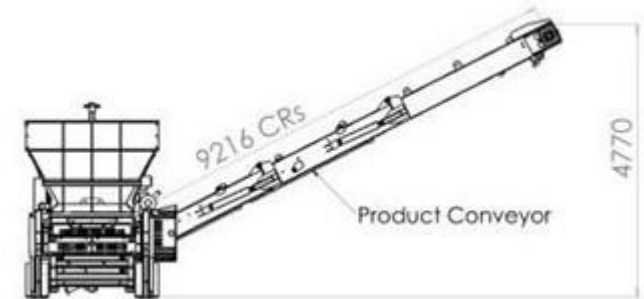




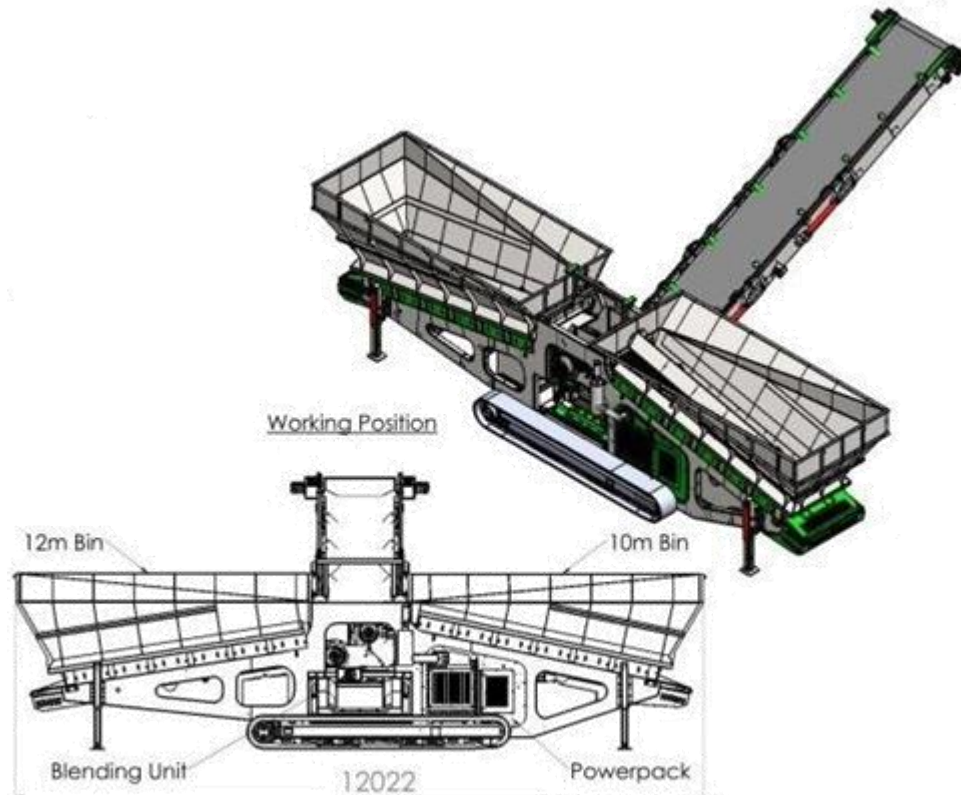
DIMENSIONS



- TF1012 Working Position



TF1012 TRACKED BLENDING PLANT

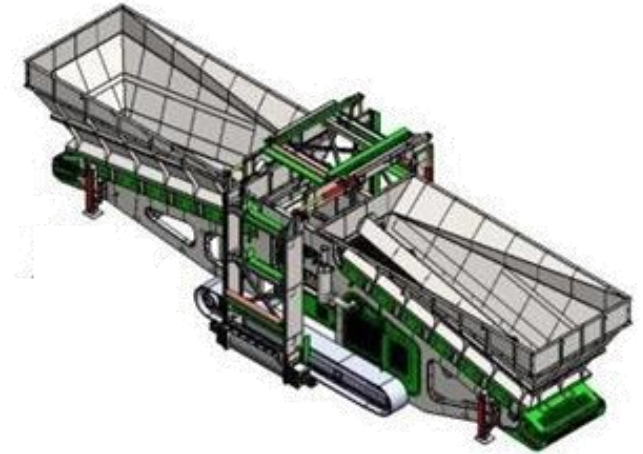




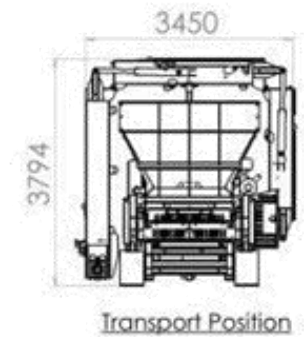
DIMENSIONS



- TF1012 Transport Position



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TESTIMONIALS

“I love it, we brought it in on a rental for one project but seen so much potential for beyond that job, we use it every day.”



“We were very impressed with the blending plant; it has proved to be very reliable and is producing a top-quality product at high volumes.”

“We will undoubtedly benefit from the versatility of the tracked blender with its ability to mix any materials give us a great opportunity as we have such scope for different materials for different industries. Being a track-mounted unit means we can use this unit at our multiple locations”