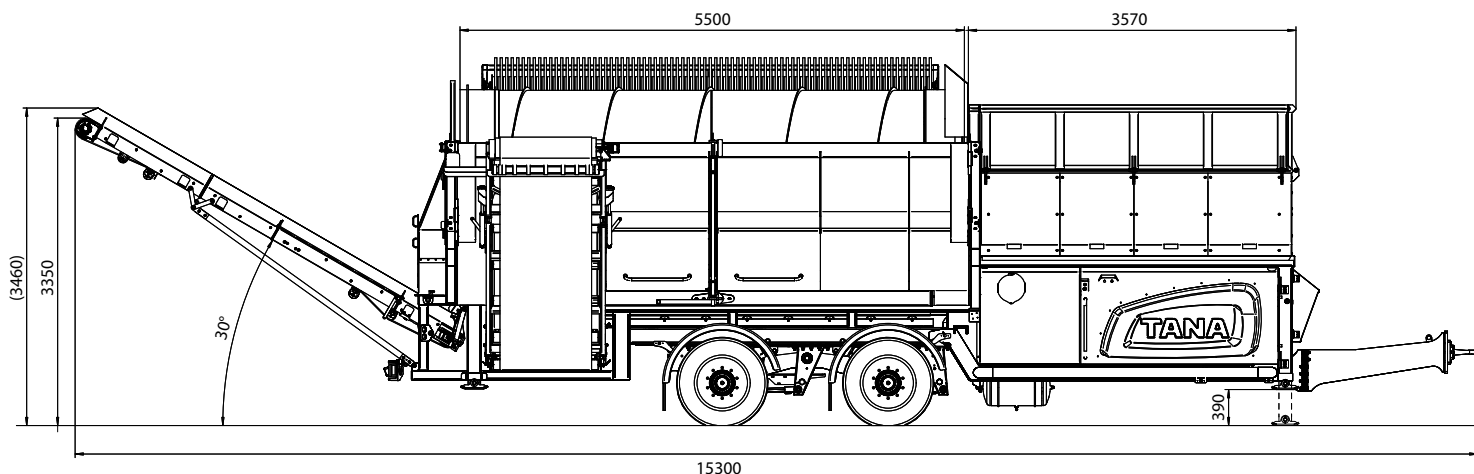


Technical specifications



Tana 6Deco– Smart Drum Screen

Dimensions

Weight: 17000 kg

Transportation dimensions (L x W x H) 12050 x 2540 x 4000 mm

Operating dimensions (L x W x H) 15300 x 6960 x 4000 mm

Engine

Turbocharged four-cylinder Cummins QSB3.3 (Tier 4 Interim-Stage 3B)

63 kW / 85 hp

Fuel tank capacity: 320 litres

Hopper

Capacity with sides down: 2.7 m³, with sides up: 6.7 m³

Loading height with sides down: 2800 mm, with sides up: 3500 mm

Drum screen

Length: 5500 mm, diameter: 2200 mm

Adjustable rotation speed: 0–20 rpm

Cleaning brushes

Number of brush discs: 80

Diameter of brush discs: 600 mm

Interchangeable brush discs

Hydraulically moveable and stepless adjustment of distance

Free spinning

Conveyor belts

Width 1000 mm (drum conveyor 1050 mm). Powered by the end roll

Hydraulics

2 hydraulic pumps

Closed circuit 45 cc pump rotates the drum

Open circuit 130 cc pump controls:

- Support legs
- Conveyors
- Cleaning brushes
- Hopper
- Drum screen (raising and lowering)

Hydraulic fluid capacity: 218 litres

Speed of conveyor belts can be adjusted independently

All conveyor belts can be operated in both directions

Electrics and electronics

Scale on both fine and coarse grain conveyors

TCS control and monitoring system

Functions controlled via CAN bus

Colour screen on control panel

SMART SITE™ remote monitoring of operations

Batteries: 2 x 12 V, 95 Ah

Central axle trailer

EC type approval (pending)

Leaf-spring tandem axle

ABS pneumatic brakes

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TANA
From Waste to Value®

TANA 6Deco – Smart Drum Screen



TANA 6D – Smart Drum Screen

Let the world's first smart drum screen



A smart drum screen that optimises your processes

- Twin scales (option) measure the production of coarse and fine grain in real time
- SMART SITE™ enables remote monitoring of operations
- Presettings for processing different materials
- Shredder and screen can be linked and monitored together with Tana's revolutionary Smart Site
- Wheel loaders and other machinery can also be linked to Smart Site
- TANA Link to support the operator of the material handling machine
- Precise information about tonnage, utilisation, costs and results
- Smart technology enables entire process to be analysed and streamlined

A smart drum screen that is reliable 24/7

- Tana has extensive experience in the design and production of solid waste handling technology
- Fully hydrostatic transmission
- Straightforward design with just two hydraulic pumps
- Smart technology enables preventative maintenance
- Rotating blade angle keeps radiator clean
- Components by first-rate suppliers (Cummins, Parker, Sauer-Danfoss)

A smart drum screen that increases your capacity

- Large screening area: the drum is 5.5 metres long and 2.2 metres in diameter
- Drum and all conveyor belts can be adjusted electronically and independently of each other

reen revolutionise your business!



- Load-sensing hydraulics lower fuel consumption
- Drum can be changed easily
- Even smaller machinery can be used to feed the drum: the height of the hopper is just 2800 mm
- The drum saves fuel by turning itself off automatically if not fed for an extended period

A smart drum that is designed for easy use and maintenance

- Road approval standard (pending)
- Easy to service with good access to maintenance areas and maintenance kits available
- Preset parameters make it easy for the new users to operate and adjust the machine according to the material.

A smart drum that eliminates risks

- No mechanical switches whatsoever, just an electronic control panel with a colour screen
- No loose chains, just a quiet cogwheel
- Pressure sensors protect against possible damage
- Data security ensured, as the user can decide who has access to the information

TANA
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