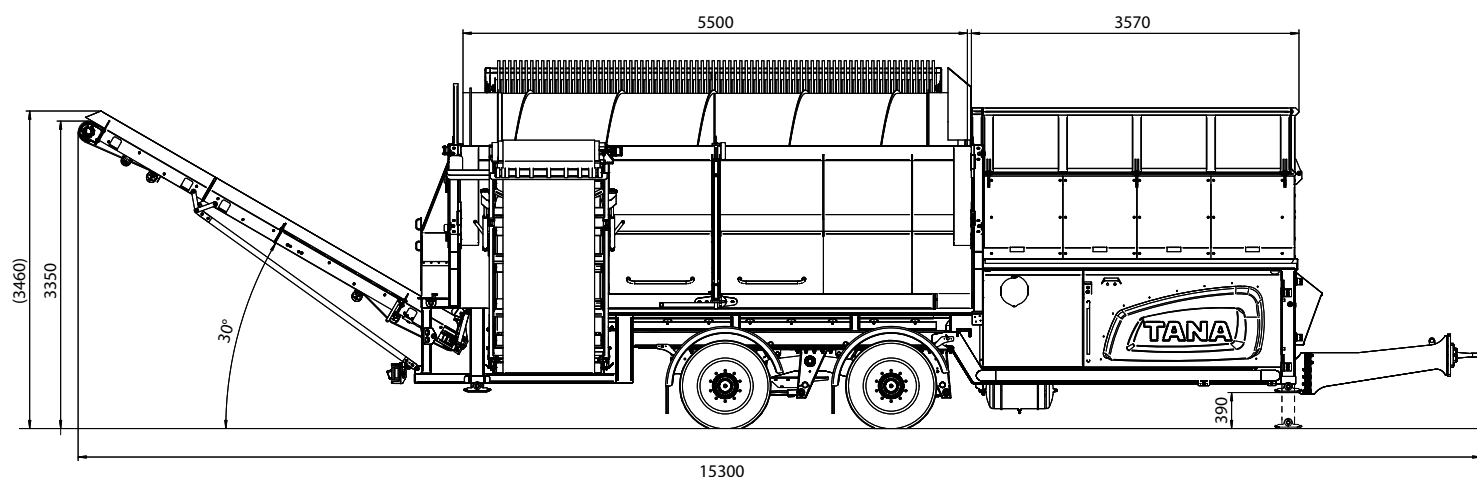


# Technical specifications



## 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 m<sup>3</sup>, with sides up: 6.7 m<sup>3</sup>

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

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