

**DESCRIPTION, SMETVAC SV400D (single fan):**

Innovative, compact and low-cost Lights Separator with the following features:

- 112m<sup>3</sup>/min. (3950CFM) Impeller-type suction fan
- 42.4 – 51.7kW (70bhp max) Yanmar Tier 4 Final Engine
- Robust frame with fork/pallet truck maneuverability
- Lifting hooks built into the frame
- Telescopic legs within the chassis to adjust the height of the SMETVAC beside the conveyor belt it is working on, allowing shorter length of hose to be used & optimises the machines suction.
- Integrated 135L diesel fuel tank
- Low maintenance vee-belt drive design
- Yanmar fingertip controls with automatic engine protection
- Oversized radiator with blower fan to reduce dust intake
- Pre-cleaner fitted as standard to the air filter unit
- Large doors for easy service & maintenance

## DIMENSIONS AND WEIGHT:

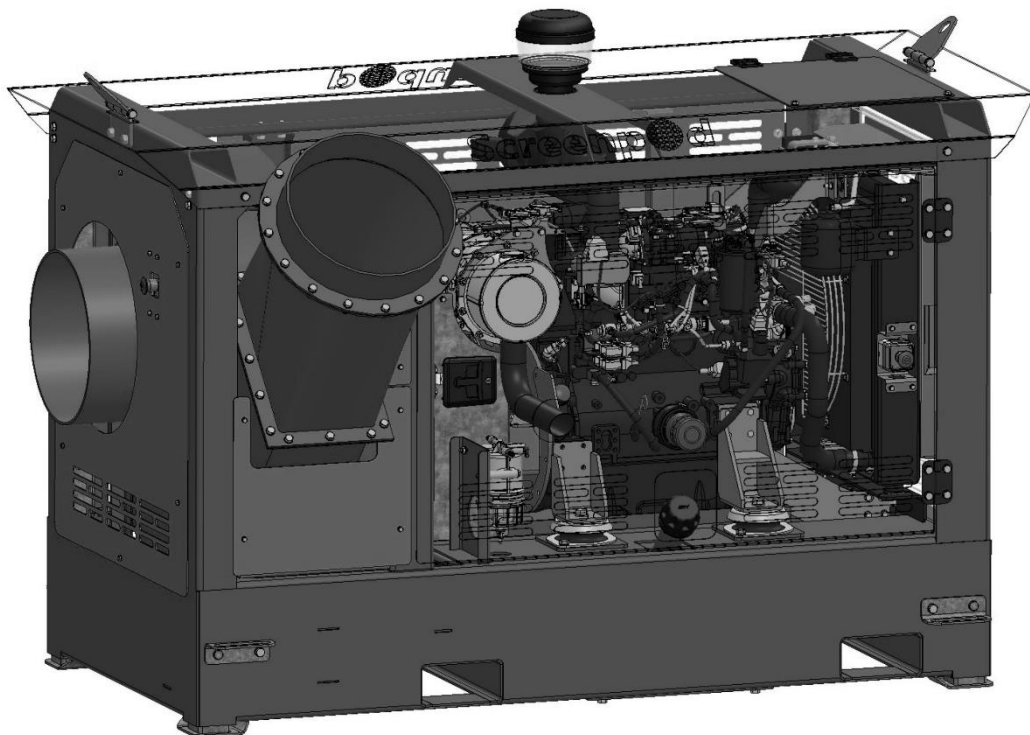
- Length: - 2.180m (7' – 2")
- Width: - 1.700m (5' – 7")
- Height: - 1.523m (4' – 12")
- Weight: - 1610 Kg (3,550lbs)

## CAPACITIES:

- Diesel tank capacity: - 135L (35.6 US gal)
- Impeller Speed (max): - 2400 rpm
- Fan Displacement (max): - 112m<sup>3</sup>/min (3950CFM)

## POWER UNIT AND DRIVE:

- Engine: - Yanmar 4TNV98C
- Engine power: - 42.4 – 51.7kW (70bhp max)
- Engine speed: - 2500 rpm (max.)
- Pulleys: - 250mm SPB 2-Groove & 200mm SPB 2-Groove
- Belts: - SPB 16N 1300



## ELECTRICS

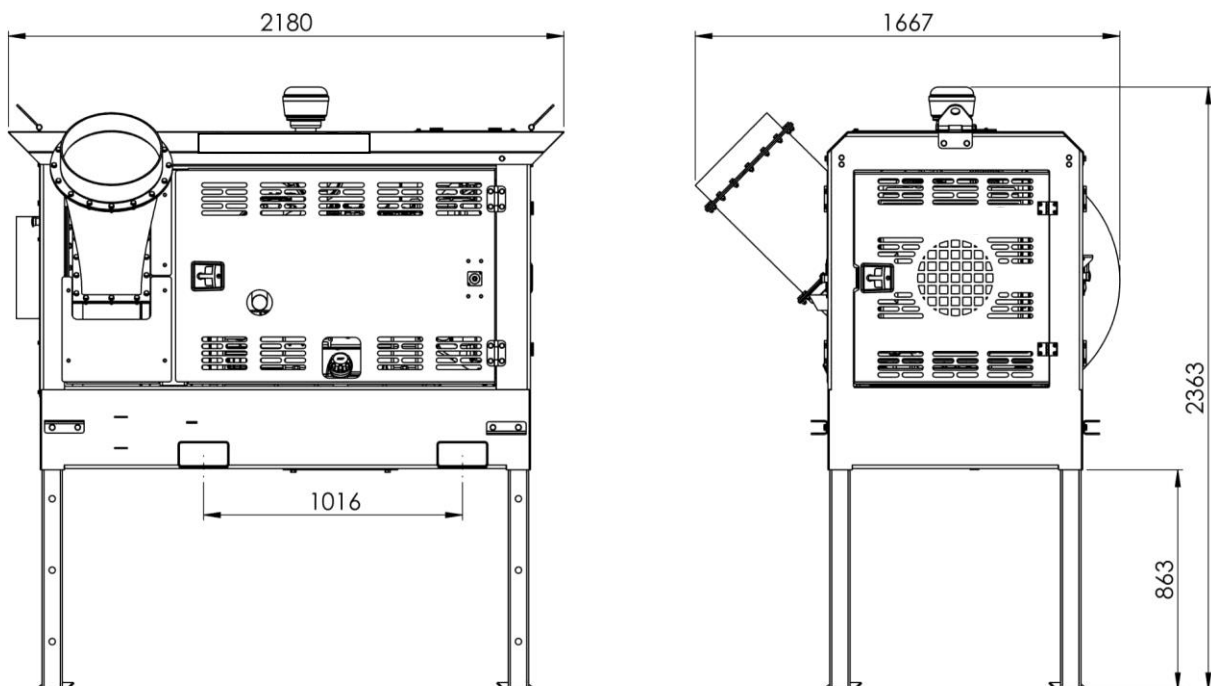
- Emergency stops: - 3no.
- Chassis cabling: - Armored cable
- Start Siren: - Yes – 10 sec delay
- Engine warnings: - Low oil pressure  
- High engine temperature  
- Fuel contamination
- Cooled EGER system
- Common rail system
- Direct injection combustion
- ECU integrated control

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## ADDITIONAL/SAFETY FEATURES:

- External belt adjustment points
- Manual or Electronic engine speed adjustment
- Engine safety shutdown systems
- Full safety guarding for nip points
- CE & Tier 4 compliant
- Full range of adjustable vacuum heads to suit all applications

## WORKING DIMENSIONS:



**DESCRIPTION SMETVAC SV400DUAL (Dual Fan):**

Innovative, compact and low-cost Lights Separator with the following features:

- 2 off 112m<sup>3</sup>/min. (3950CFM) Impeller-type suction fans
- 51.6 – 53.7kW (72bhp max) Yanmar Tier 4 Final Turbo Engine
- Robust frame with fork/pallet truck maneuverability
- Lifting hooks built into the frame
- Telescopic legs within the chassis to adjust the height of the SMETVAC beside the conveyor belt it is working on, allowing shorter length of hose to be used & optimises the machines suction.
- Integrated 225L diesel fuel tank
- Low maintenance vee-belt drive design
- Yanmar fingertip controls with automatic engine protection
- Oversized radiator with blower fan to reduce dust intake
- Pre-cleaner fitted as standard to the air filter unit
- Large doors for easy service & maintenance

# SMETVAC SV400D

## DIMENSIONS AND WEIGHT:

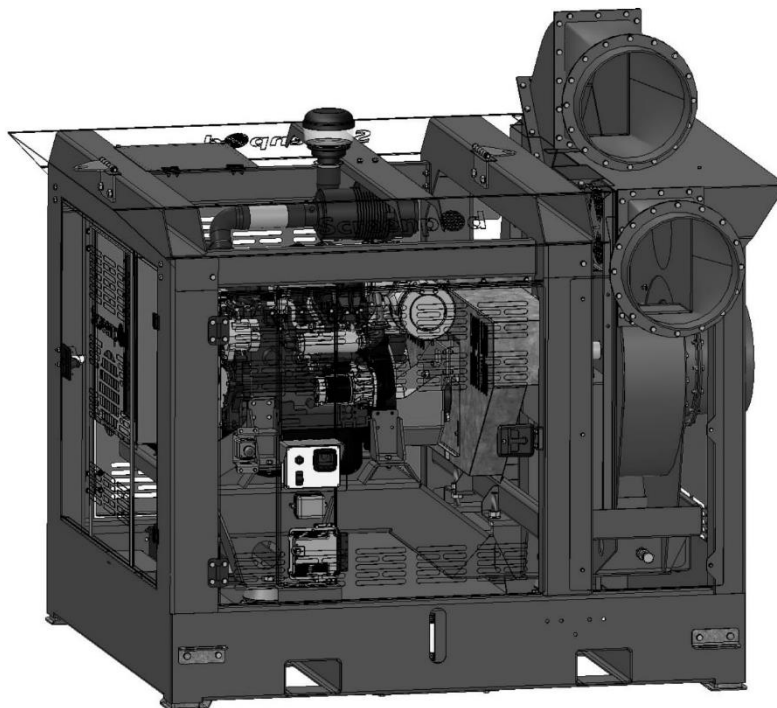
- Length: - 2.386m (7' – 10")
- Width: - 2.361m (7' – 9")
- Height: - 2.224m (7' – 3")
- Weight: - 2,900Kg (6,393lbs)

## CAPACITIES:

- Diesel tank capacity: - 225L (59.4 US gal)
- Impeller Speed (max): - 2400 rpm
- Fan Displacement (max): - 112m<sup>3</sup>/min (3950CFM) X2

## POWER UNIT AND DRIVE:

- Engine: - Yanmar 4TNV98CT (Turbo)
- Engine power: - 51.6 – 53.7kW (72bhp max)
- Engine speed: - 2500 rpm (max.)
- Pulleys: - 250mm SPB 4-Groove & 200mm SPB 2-Groove
- Belts: - SPB 16N 1800



**ELECTRICS**

- Emergency stops: - 3no.
- Chassis cabling: - Armored cable
- Start Siren: - Yes – 10 sec delay
- Engine warnings:
  - Low oil pressure
  - High engine temperature
  - Fuel contamination
- Cooled EGER system
- Common rail system
- Direct injection combustion
- ECU integrated control

**ADDITIONAL/SAFETY FEATURES:**

- External belt adjustment points
- Manual or Electronic engine speed adjustment
- Engine safety shutdown systems
- Full safety guarding for nip points
- CE & Tier 3 compliant
- Independent balance valves on each fan
- Full range of adjustable vacuum heads to suit all applications

**WORKING DIMENSIONS:**

