



REINVENT HOW THE WORLD CLEANS



# 800

## Large, industrial ride-on sweeper

The 800 is the largest and most powerful machine in its class – designed to sweep heavy concentrations of industrial debris such as pellets, rocks and glass found in the harshest industrial and manufacturing environments, both indoors and out.

### Included technologies



Thermo-Sentry™  
temperature sensor



Perma-filter™



II-Speed™ sweeping system



Multi-level dump hopper

# Engineered for **Productivity**



**1. Rely on consistent performance**, despite harsh and demanding environments, with the 800 sweeper's rugged steel T-beam superstructure, bend-resistant steel back wheel bracket.

**2. The quad filtering system** includes four high-efficiency filters that trap particles capturing virtually all airborne dust. Also available with added HEPA filtration.

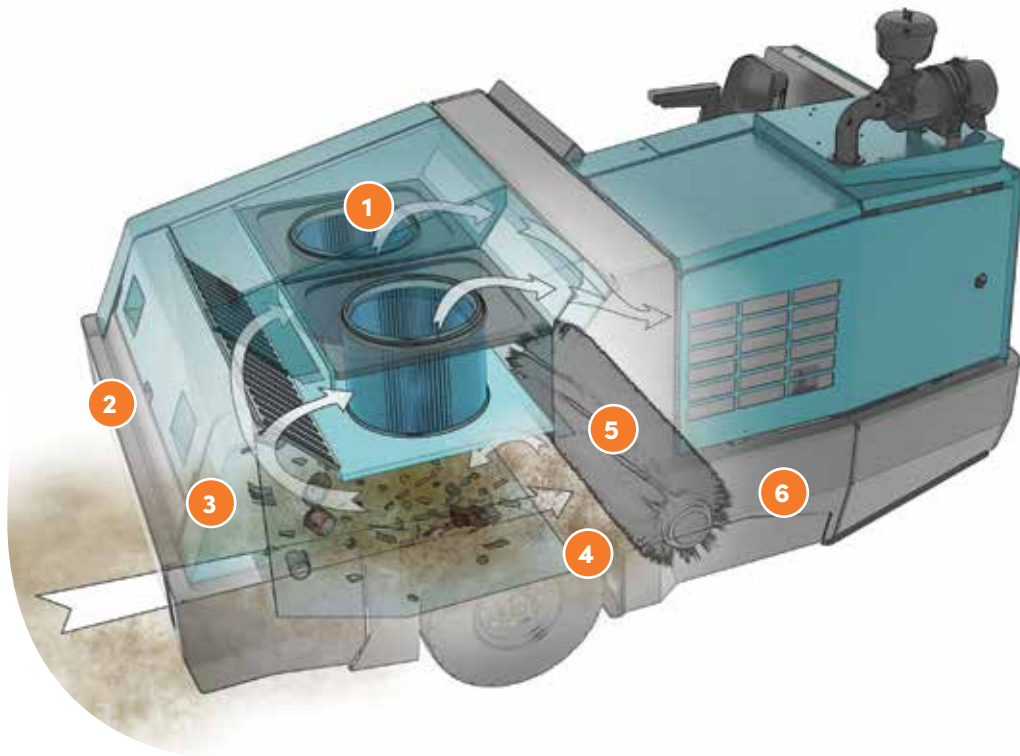
**Optional regenerative filter system** provides continuous dust control while sweeping without having to stop and shake the filters, leading to increased productivity.

**3. Clean in comfort** with a deluxe suspension operator seat and power steering with tilt wheel.

**4. Extended cleaning reach** with the optional vacuum wand, increasing applications the machine can clean.

**5. Optional pressurized cab** with heating and air conditioning for increased operator comfort and safety. Also available with HEPA filtration to maximize operator protection in the harshest of environments.

# Inside the 800



- 1. Reduce visible, air-born dust** with the quad filtering system which includes debris deflector, Perma-filter™, lint trap and twin cylinder filters.
- 2. Thermo-Sentry™ temperature sensor** monitors the hopper and in dangerously high temperatures initiates vacuum shut-downs.
- 3. Multi-level dump hopper** empties debris into containers as high as 1.8 m.

- 4. Simple maintenance** with easy-access brush and filter changes.
- 5. Maximize cleaning effectiveness** with the II-Speed™ sweeping system that matches broom and vacuum speeds to types of debris.
- 6. Spring-loaded recirculation flap** permits debris that goes over the main broom to be redirected under the machine for pick-up.

# 800 specifications

## SWEEPING SYSTEM

Cleaning Path: Single side brush   Dual side brush	1.680 mm   2.100 mm
Main brush: length (tubular)   lift   change	1.270 mm   Hydraulic   No-tool
Side broom diameter	660 mm
Debris hopper: Volume capacity   Weight capacity	850 l   907 kg
Debris hopper: Dump height   Dump reach	1.830 mm   510 mm

## DUST CONTROL SYSTEM

Filter system (quad stage, to 4 microns)	
Stage 1	Debris deflector
Stage 2	Perma-Filter™
Stage 3	Wrap-around pre-screen
Stage 4	18 m² dual canister
Vacuum fan speed   diameter	8.500 rpm   240 mm

## PROPELLING SYSTEM

Propel speed forward (variable to)	16,0 km/h
Propel speed reverse (variable to)	7,3 km/h
Engine-gasoline: Gross Intermittent Power*   Tennant Governed Power	49,8 kw @2800 rpm   42,6 kW @2400 rpm
Engine-LPG: Gross Intermittent Power*   Tennant Governed Power	47,1 kw @2800 rpm   42,0 kw @2400 rpm
Engine-diesel, Stage V/Tier 4F (see fuel requirements)**:	
Gross Intermittent Power*   Tennant Governed Power	43,2 kW @2400 rpm   43,2 kW @2400 rpm
Engine-diesel, 4i***: Gross Intermittent Power*   Tennant Governed Power	41,7 kW @2600 rpm   41,0 kW @2400 rpm
Gradeability: Full hopper   Empty hopper	8.5° / 15°   15° / 27°

## MACHINE SPECIFICATIONS

Length	3.050 mm
Width	1.780 mm
Height: with overhead guard   without overhead guard	2.100 mm   1.330 mm
Weight	2.948 kg
Minimum aisle turn	1.780 mm

## WARRANTY

See your local representative for warranty information

\*Per SAE J1995

\*\*Kubota Stage V/Tier 4F diesel engines are used on 800 Sweepers sold in the U.S., Canada, Japan, EU, EEA, and countries that require CE certified machines.

Stage V/Tier 4F requires only ultra-low sulfur diesel (ULSD <15 ppm) fuel to be used. Refer to operator's manual for more information.

\*\*\*Kubota Tier 4i diesel engines are used on 800 Sweepers sold in all other countries except for those noted in Stage V/Tier 4F listing.

Specifications subject to change without notice.

## Tennant – Reinvent how the world cleans

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