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.

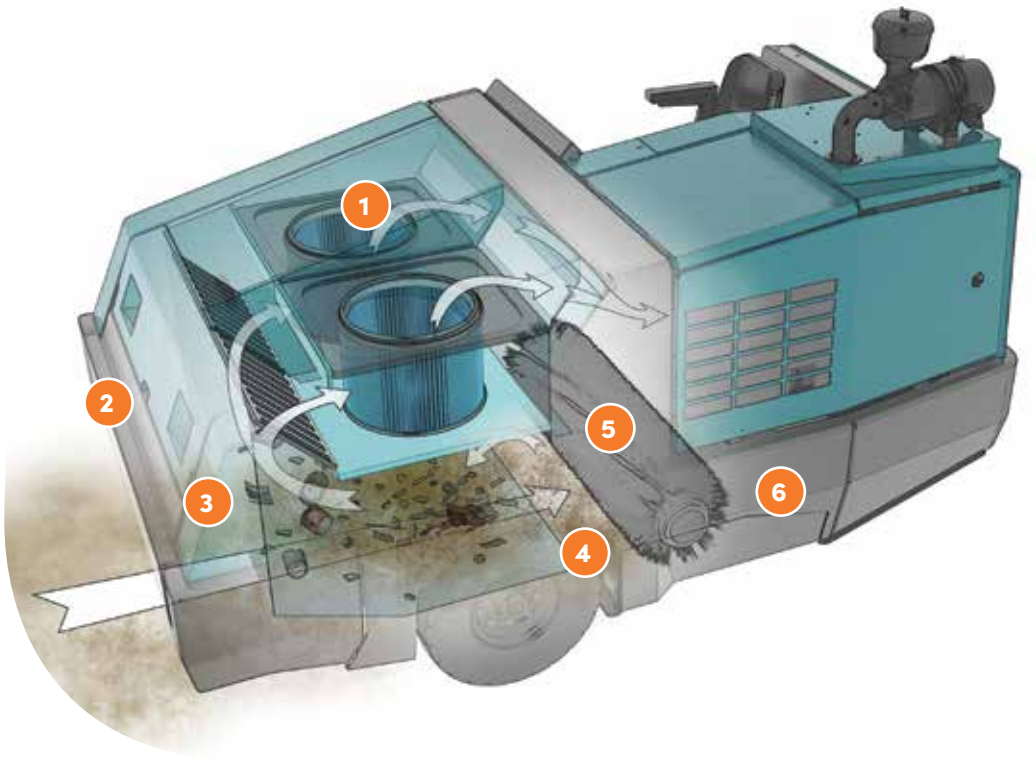
   Optional regenerative filter system provides continuous dust control while sweeping without having to stop and shake the filters, leading to increased productivity.

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 m^2 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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