



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



# 800

## LARGE, INDUSTRIAL RIDER SWEEPER

- Ideal for harsh environments with large capacity hopper with corrosion resistant bottom and a quad filtering dust-containment system
- Maximum cleaning productivity with wide sweeping path and operator-friendly features
- Long-term performance for effectively capturing everything from cement dust to rocks, paper and glass

## UNRIVALED SIZE AND PERFORMANCE TO CLEAN THE MOST SEVERE ENVIRONMENTS



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

### LONG-LASTING DURABILITY FOR INDUSTRIAL ENVIRONMENTS

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 and optional heavy-duty tower bumpers. Our custom solutions engineering group can design extra protection features or other options to meet your application needs.

### MAXIMUM FILTRATION REDUCES AIRBORNE DUST

The 800's quad filtering system includes four high-efficiency filters that trap particles capturing virtually all airborne dust. Plus, quickly knows when to address occasional filter clogs with the indicator light and timed shaker.

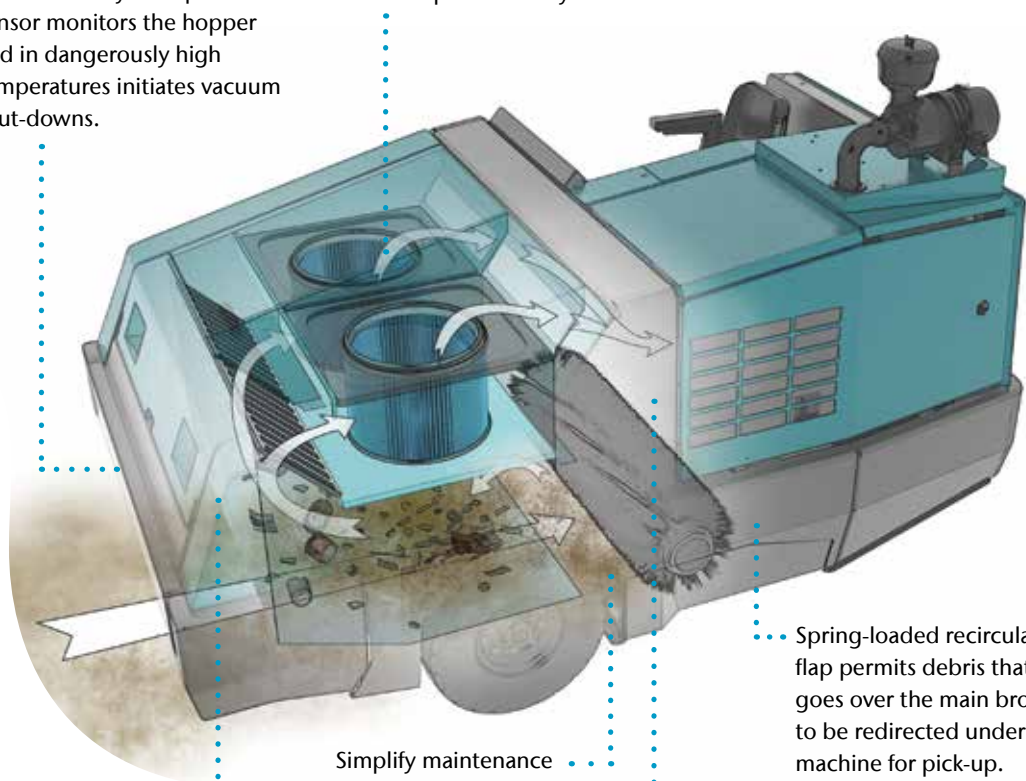
### OPERATOR FRIENDLY FOR GREATER PRODUCTIVITY

The 800 is tough on litter but easy on operators. Clean in comfort with a deluxe suspension operator seat and power steering with tilt wheel.

# INSIDE THE 800

Thermo-Sentry™ temperature sensor monitors the hopper and in dangerously high temperatures initiates vacuum shut-downs.

Reduce visible, air-born dust with the quad filtering system which includes debris deflector, Perma-filter™, lint trap and twin cylinder filters.



Multi-level dump hopper empties debris into containers as high as 6 ft / 1.8 m.

Simplify maintenance with easy-access brush and filter changes.

Spring-loaded recirculation flap permits debris that goes over the main broom to be redirected under the machine for pick-up.

Maximize cleaning effectiveness with the II-Speed™ sweeping system that matches broom and vacuum speeds to types of debris.



## DELIVERING RUGGED ENDURANCE

The multi-level dump hopper empties debris into containers as high as 6 ft / 1.8 m, and its huge capacity allows for more continuous cleaning time.

Extend cleaning reach with the vacuum wand, or help dislodge or reposition debris in front of the machine with the blower attachment.

Stainless-steel hopper bottom withstands the most demanding and abusive sweeping environments.

Pressurized cab with heating and air conditioning for increased operator comfort and safety.

KEY OPTIONS



- Reduce rework, labor and safety costs by using only Tennant True parts and service.
- Ensure optimal cleaning performance by selecting a Tennant True Service program.
- Improve uptime by leveraging Tennant True parts and service.

## 800 HEAVY-INDUSTRIAL RIDER SWEEPER

### SWEEPING SYSTEM

Cleaning path	66 in / 1,680 mm
Main brush	
Main brush length (tubular)	50 in / 1,270 mm
Main brush lift	Hydraulic
Main brush change	No-tool
Side broom	
Side broom diameter	26 in / 660 mm
Debris hopper	
Volume capacity	30 ft <sup>3</sup> / 850 L
Weight capacity	2,000 lb / 907 kg
Dump height	72 in / 1,830 mm
Dump reach	20 in / 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	190 ft <sup>2</sup> dual canister / 18 m <sup>2</sup> dual canister
Vacuum fan speed	8,500 rpm
Vacuum diameter	9.5 in / 240 mm

### PROPELLING SYSTEM

Propel speed forward (variable to)	10.0 mph / 16.0 km/h
Propel speed reverse (variable to)	4.5 mph / 7.2 km/h
Engine-gasoline	
Gross Intermittent Power*	83.0 hp / 61.9 kW @3000 rpm
Tennant Governed Power	67.9 hp / 50.6 kW @2400 rpm
Engine-LPG	
Gross Intermittent Power*	83.0 hp / 61.9 kW @3000 rpm
Tennant Governed Power	65.8 hp / 49.1 kW @2400 rpm
Engine-diesel, 4F (see fuel requirements)**	
Gross Intermittent Power*	57.9 hp / 43.2 kW @2400 rpm
Tennant Governed Power	57.9 hp / 43.2 kW @2400 rpm
Engine-diesel, 4i***	
Gross Intermittent Power*	55.9 hp / 41.7 kW @2600 rpm
Tennant Governed Power	55.0 hp / 41.0 kW @2400 rpm
Gradeability	
Full hopper	8.5° / 15%
Empty hopper	15° / 27%

### MACHINE SPECIFICATIONS

Length	120 in / 3,050 mm
Width	70 in / 1,780 mm
Height	
With overhead guard	82.5 in / 2,100 mm
Without overhead guard	52.5 in / 1,330 mm
Weight	6,500 lb / 2,948 kg
Minimum aisle turn	135 in / 3,430 mm

### WARRANTY

See your local representative for warranty information

\*Per SAE J1995

\*\*Kubota Tier 4F diesel engines are required on 800 Sweepers sold in the U.S., Canada, Japan, EU, EEA, and countries that require CE certified machines. **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 required on 800 Sweepers sold in all other countries except for those noted in Tier 4F listing.

Specifications subject to change without notice.

## SEEING IS BELIEVING

For a demonstration or additional information,  
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