



## 800 Specifications | Large Industrial Rider Sweeper

### SWEEPING SYSTEM

Type	II-Speed™, Direct-throw
Cleaning path	66-inch   1,675 mm
Main brush length	50-inch   1,270 mm
Main brush lift	Hydraulic
Main brush change	No-tool
Side brush diameter	26-inch   660 mm
Hopper volume capacity	30 ft³   0.8 m³
Hopper weight capacity	2,000 lb   905 kg
Hopper dump height	Ground to 72-inch   1,830 mm
Hopper dump reach	up to 20-inch   up to 510 mm

### PROPELLING SYSTEM

Propel speed forward (variable to)	10.0 mph   16 km/h
Propel speed reverse (variable to)	4.5 mph   7.2 km/h
Propel Type	Hydrostatic
Gradeability full hopper	8.5 deg/15%
Gradeability empty hopper	15.0 deg/27%
Ground clearance	6-inch   150 mm
Tires front (2), pneumatic	6.5x10-inch   165x255 mm
Tire rear (1), pneumatic	6.5 x10-inch   165x255 mm
Engine	
Gasoline/LPG	83 hp GM   60 kW GM
Diesel, 4F (see fuel requirements)*	65 hp Kubota   48.5 kW Kubota
Diesel, 4i**	56 hp Kubota   41.7 kW Kubota
Hydraulic pumps	1 propelling, 3 accessory
Hydraulic oil cooler, tilt-out	Fin type

### OPERATOR ERGONOMICS

Servo-assist, adjustable accelerator pedal	Power steering
System monitoring/warning lights	Tilt steering wheel
Luxury energy-absorbing seat	Touch panel controls

### DUST CONTROL SYSTEM

Quad filter system	
Stage 1	Debris deflector
Stage 2	Perma-Filter™
Stage 3	Wrap-around pre-screen
Stage 4	Dual canister
Filter area	190 ft²   17 m²
Dust filtration (to)	99% at 4 Microns
Systems monitoring	Clogged filter indicator
Shaker mechanism	Timed, circular hammer
Vacuum fan diameter	9.5-inch   240 mm
Vacuum fan speed	8,500 rpm

### MACHINE DIMENSIONS

Length	120 inch   3,048 mm
Width	70 inch   1,778 mm
Height without overhead guard	52.5 inch   1,335 mm
Height with overhead guard	82.5 inch   2,095 mm
Weight	
Net	6,500 lb   2,950 kg
Turning radius (left)	85 inch   2,160 mm
Minimum Aisle Turn (left)	135 inch   3,430 mm

### SAFETY SYSTEM

Fire protection	Thermo-Sentry™
Safety certification	UL label type G, LP, D
Forward speed when dumping	1.5 mph   2.5 km/h
Headlights/taillights	Standard

### PRODUCT FEATURES

Multi-level dump	Quad filter system
II-Speed™ cleaning	Industrial radiator
Large hopper dump door	Color-coded wiring
Wrap-around bumper	Vacuum fan shutoff
T-beam frame construction	No-tool brush change
Damage-resistant recirculation flap	Radiator debris screen
Thermo-Sentry™	Hydraulic bypass tow valve
Retractable side brush	UL label

### OPTIONAL EQUIPMENT

Severe environment package	Heater/pressurizer
Audio-visual backup alarm	Blower attachment
Roadway lighting packages	Vacuum wand
Side brush dust control	Enclosed cab
Overhead guard	Air conditioning
Left-hand side brush	Heavy-duty bumpers
Stainless steel hopper bottom	Soft-ride solid tires

### WARRANTY

Please see to your local Tennant representative for information.

Specifications subject to change without notice.

\*Kubota Tier 4F diesel engines are required on 800 Sweepers sold in the U.S., Canada, and Japan only.

**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 U.S., Canada, and Japan.

For a complete selection of genuine Tennant brushes and pads, please consult the 800 Parts and Consumables Reference Guide.