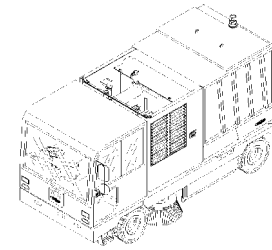




MODEL 830-II POWER SWEEPER SPECIFICATIONS



830IIm A4

(Metric Measurements)

11-00

MACHINE DIMENSIONS

Length: Standard Machine	4,439 mm
With Vario Sweeping Brush™	5,232 mm
Width	1,778 mm
Height	2,540 mm
Net Weight: Base Machine	5,670 kg
With Options	6,170 kg
Turning Radius	3,960 mm

SWEEPING SYSTEM

Type	Direct-throw to debris elevator
Cleaning Path: Main Brush	1,295 mm
With Right Side Brush	1,750 mm
With Optional Dual Side Brushes	2,210 mm
With Optional Dual Side Brushes and Vario Sweeping Brush™	3,200 mm
Main Brush Length	1,295 mm
Main Brush Diameter	610 mm
Right and Left Side Brush Diameter	810 mm
Vario Sweeping Brush™ Diameter	965 mm
Hopper: Volume Capacity	2,600 L
Weight Capacity: Low Dump	3,175 kg
High Dump	1,815 kg
Dump Height: Low Dump	1,015 kg
High Dump	2,890 mm
Hopper Material	Stainless Steel
Elevator	Reversible with Audio Jam Alarm

DUST CONTROL SYSTEM

System	Dry-Filtering
Filter Type	Mildew-Resistant, Synthetic Envelope
Shaker Mechanism	Hydraulic Beater Bar
Vacuum Fans (2): Motor	11.2 kW
Fan Speed	3600 rpm
Filter Area	20 m ²
Side Brush Water Spray Dust Control	350 L
Optional Vacuum Assisted Waterless Side Brush Dust Control with Linatex Skirting	

PROPELLING SYSTEM

Engine-Standard	Perkins Diesel 67 kW at 2400 rpm
Engine-Optional	Perkins Turbo Diesel 80.5 kW at 2400 rpm
Gradeability: Full Hopper	8 deg
Empty Hopper	12 deg
Travel Speed	0 to 40 km/h
Tires: 2 Front, Pneumatic, 12-ply, Rim Size	180 x 305 mm
2 Rear, Pneumatic, 12-ply, Rim Size	180 x 305 mm
Diesel Engine Preheater	
Transport Ground Clearance	190 mm
Sweeping Ground Clearance	115 mm
Suspension: Front	Leaf Spring
Rear	Leaf Spring

SAFETY SYSTEM

Cab Pressurizer	Flashing Hazard Lights
System Warning Lights	Turn Signals
Dual Headlights and Taillights	Side-Brush Lighting
Brake Lights	Backup Alarm & Lights
Overhead Warning Light	Slow Moving Vehicle Sign
2-Speed Windshield Wipers and Washers	Thermo-Sentry™
Oil Bath Power Disc Service Brakes	Quad Mirrors
Hopper Overload Indicator	Dead Man Parking Brake

OPERATOR ERGONOMICS

4-Wheel Power Steering	Heater/Defroster
One Button Sweeping System Activation	Keyed Locks/Seat Belts
Sliding Glass Windows	Easy-Reach Controls
System Monitoring/Warning lights	Premium Cloth Passenger Seat
Premium Cloth Suspension Drivers Seat	

MAJOR OPTIONAL EQUIPMENT

2,895 mm High Dump	Seat
Turbo Charged Diesel Engine	Radial Tires
Left-Hand Steering Operator Position	Vacuum Wand
High Pressure Sprayer	Foam-Filled Tires
Left-Hand Side Brush	Night Lighting Kit
Right-Hand Vario Sweeping Brush™	Hydrant Fill Kit
Left-Hand Vario Sweeping Brush™	Air Conditioning
Side Brush Water Mist Dust Control	Extra Tire
Side Brush Dust Control Skirting	Engine Access Step Kit
AM/FM Radio/Tape Deck	Suspension Passenger

BRUSHES AVAILABLE (BRISTLE TYPES)

<u>Main Brush</u>	<u>Side Brushes</u>	<u>Vario Brush</u>
Polypropylene	Polypropylene	Polypropylene
	Polypropylene	Polypropylene
	& Wire	& Wire
	Flat Wire	

COMPANY SUPPORT

Warranty	12 Months/1000 Hours – Parts
	12 Months – Labor

TENNANT COMPANY

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(Specifications subject to change without notice)