



6100 Specifications

Sub-Compact Ride-On Sweeper

SWEEPING SYSTEM

Type	Overthrow
Cleaning path-single side brush	30-inch 760 mm
Cleaning path-dual side brush	38-inch 970 mm
Coverage rate per hour-single side brush	
Average (3 mph / 4.8 km/h, 3-inch / 75 mm overlap)	35,640 ft ² 3,320 m ²
Maximum (full speed, no overlap)	66,000 ft ² 6,100 m ²
Coverage rate per hour-dual side brush	
Average (3 mph / 4.8 km/h, 3-inch / 75 mm overlap)	46,200 ft ² 4,300 m ²
Maximum (full speed, no overlap)	83,600 ft ² 7,720 m ²
Main brush length (tubular)	22-inch 560 mm
Main brush lift	Mechanical Lever
Main brush change	No-tool
Side broom diameter (disk)	16-inch 410 mm
Hopper volume capacity	3 ft ³ 85 L
Hopper weight capacity	200 lbs 91 kgs

PROPELLING SYSTEM

Power source	Battery, 36 volts
Propel motor	Electric, DC drive, 1.0 kW, 1.34 HP
Propel speed forward (variable to)	5.0 mph 8.0 km/h
Propel speed reverse (variable to)	3.0 mph 4.8 km/h
Gradeability full hopper	8.0 deg 14.1%
Gradeability empty hopper	10.0 deg 17.6%
Ground clearance	2.7-inch 68.3 mm
Tires front (1), solid non-marking	3.5x9.8-inch 90x250 mm
Tire rear (2), solid	3x12-inch 75x305 mm

DUST CONTROL SYSTEM

Filter system (multi-stage)	
Stage 1	Perma-Filter™
Stage 2	Panel Filter
Stage 3 (optional)	HEPA Filter
Panel Filter area	33.7 ft ² 3.1 m ²
Panel Filter Dust filtration (to)	1 Microns @ 95% efficiency
Optional HEPA Filter area	25 ft ² 2.3 m ²
Optional HEPA Filter Dust filtration (to)	0.3 Microns @ 99.97% efficiency
Shaker mechanism	Timed, shaker plate
Vacuum fan	0.56kW
Vacuum fan diameter	9-inch 230 mm
Vacuum fan speed	
Normal sweeping mode	4,375 rpm

BATTERY & CHARGER

225 aH Battery	Up to 3.4 hour runtime
Onboard and offboard battery chargers available	

MACHINE DIMENSIONS

Length	59.9-inch 1,520 mm
Width	31.8-inch 810 mm
Height	46.4-inch 1,180 mm
Weight	
Net (base batteries)	1,110 lbs 503 kgs
Minimum Aisle Turn	72-inch 1,830 mm

SAFETY SYSTEM

Fire protection	Thermo-Sentry™
Safety certification	UL label type E
Seat switch	Standard
Horn	Standard
Power shutdown switch	Standard

STANDARD PRODUCT FEATURES

Retractable right-hand side brush	Hour meter
Flap and trap debris pedal	Soft corner rollers
Battery charge level indicator	
Perma-Filter™	
No-tool brush change	
Wet sweeping bypass	
Parking brake	

OPTIONAL EQUIPMENT

Audio-visual backup alarm
HEPA Filtration packages
Light packages
Fire extinguisher
Dual side brushes
Vacuum wand

WARRANTY

Please refer to your local Tennant representative for information.

For a complete selection of genuine Tennant brushes and other parts, please consult the Tennant *Parts and Consumables Reference Guide*.