



# 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 <sup>2</sup>   3,320 m <sup>2</sup>
Maximum (full speed, no overlap)	66,000 ft <sup>2</sup>   6,100 m <sup>2</sup>
Coverage rate per hour-dual side brush	
Average (3 mph / 4.8 km/h, 3-inch / 75 mm overlap)	46,200 ft <sup>2</sup>   4,300 m <sup>2</sup>
Maximum (full speed, no overlap)	83,600 ft <sup>2</sup>   7,720 m <sup>2</sup>
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 <sup>3</sup>   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 <sup>2</sup>   3.1 m <sup>2</sup>
Panel Filter Dust filtration (to)	1 Microns @ 95% efficiency
Optional HEPA Filter area	25 ft <sup>2</sup>   2.3 m <sup>2</sup>
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*.