6100 Specifications

Sub-Compact Ride-On Sweeper

SWEEPING S	SYSTEM
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Type Overthrow 30-inch | 760 mm Cleaning path-single side brush 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 ft² | 3,320 m² 66,000 ft² | 6,100 m² Maximum (full speed, no overlap) Coverage rate per hour-dual side brush Average (3 mph / 4.8 km/h, 3-inch / 75 mm overlap) 46,200 ft² | 4,300 m² Maximum (full speed, no overlap) 83,600 ft2 | 7,720 m2 Main brush length (tubular) 22-inch | 560 mm Main brush lift Mechanical Lever Main brush change No-tool Side broom diameter (disk) 16-inch I 410 mm Hopper volume capacity 3 ft3 | 85 L Hopper weight capacity 200 lbs | 91 kgs

PROPELLING SYSTEM

Power source Battery, 36 volts Electric, DC drive, 1.0 kW, 1.34 HP Propel motor 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 dearance 2.7-inch | 68.3 mm Tiresfront (1), solid non-marking 3.5x9.8-inch | 90x250 mm 3x12-inch | 75x305 mm Tire rear (2), solid

DUST CONTROL SYSTEM

Filter system (multi-stage) Stage 1 Perma-Filter™ Panel Filter Stage 2 Stage 3 (optional) **HEPA Filter** 33.7 ft² | 3.1 m² Panel Filter area Panel Filter Dust filtration (to) 1 Microns @ 95% efficiency Optional HEPA Filter area 25 ft² | 2.3 m² Optional HEPA Filter Dust filtration (to) 0.3 Microns @ 99.97% efficiency Shakermechanism Timed, shaker plate Vacuum fan 0.56kW Vacuum fan diameter 9-inch | 230 mm Vacuum fan speed

BATTERY & CHARGER

Normal sweeping mode

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

4,375 rpm

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™ UL label type E Safety certification Standard Seat switch Horn Standard Power shutdown switch Standard

STANDARD PRODUCT FEATURES

Retractable right-hand side brush Hourmeter Flap and trap debrispedal Soft corner rollers Battery charge level indicator Perma-Filter™ No-tool brush change Wet sweeping bypass

OPTIONAL EQUIPMENT

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

WARRANTY

Parking brake

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.