X16 SWEEP SPECIFICATIONS

AUTONOMOUS FLOOR SWEEPER

Operating System	BrainOS®
Sweeping Path	46 in | 116 cm
Estimated Coverage	105,248 ft^2/hr | 9,777 m^2/hr (manual mode) 49,750 ft^2/hr | 4,621 m^2/hr (autonomous mode)
Brush Speed	600 rpm
Brush Downforce	Variable
Hopper Volume Capacity	5.3 ft^3 | 150 L
Hopper Weight Capacity	350 lbs | 158 kg
Hopper Dump Height	61.8 in | 157 cm
Hopper Dump Reach	29.1 in | 74 cm
Battery	Lithium-ion, 36V, 320Ah
Autonomous Sweeping Battery Time	>6 hours in Eco mode
Charger Type	On-Board/ X16 CHRG/ Fast Offboard
Charger Specs	Onboard & charging dock: 1200 W output, 100-240 VAC input Fast Offboard: 3200 W output, 200-240 VAC input
System Voltage	36 V
Standard Sound Level - Operators Ear	Standard Sound Level - 73 dBA
Vacuum Fan	0.6kW
Vacuum Fan Speed – Normal Sweeping Mode	12,000 rpm
Vacuum Fan Speed – Eco-Mode	10,000 rpm
Aisle Navigation	57 in | 144 cm
Aisle Entrance (90 degree)	78 in | 198 cm
Aisle U-turn	108 in | 274 cm
Machine Height	65 in | 165 cm
Machine Length	78.7 in | 200 cm
Machine Width	54.7 in | 139 cm
Autonomous distance to wall	<2 in bristles to wall
Weight	1800 lbs

X16 CHRG STATION

Height	42 in | 106 cm
Width	17 in | 43 cm
Depth	20 in | 50 cm
Mounting Slots 1 (stud width center-to-center)	12 inch | 30 cm
Mounting Slots 2 (stud width center-to-center)	16 inch | 40 cm
Docking Station Area Width	210 in | 533 cm
Docking Station Area Length	160 in | 406 cm
Docking Station Area Height	66 in | 167 cm

For a complete selection of genuine Tennant parts and brushes, please consult the X16 SWEEP Parts and Consumables Reference Guide

Rev 11/2026
©2026 The Tennant Company logo and other trademarks designated with the symbol "®" are trademarks of Tennant Company registered in the United States and/or other countries. Tennant Company's products are sold and serviced through subsidiaries of Tennant Company and distributors. All rights reserved.

Tennant Europe
tennantco.com/en_eu