FIORENTINI UAE

Omnie 50

Technical specifications

Specification	Value
Configuration	Disc / roller brush (values in this order)
Dimensions	860 × 700 × 1,030 mm
Machine weight	150 / 140 kg, empty
Working / scrubbing width	500 / 420 mm
Squeegee width	700 mm
Theoretical cleaning capacity	1,800 / 1,512 m²/h
Brush pressure	25 / 18.3 kg (source unit)
Solution tank	24 L
Recovery tank	18 L
Waste tank / hopper	Disc: not specified; roller: 2 × 0.6 L
Maximum slope	4.6° during automatic cleaning
Maximum travel speed	1 m/s
Wall clearance	50-100 mm
Minimum passage width	930 mm, automatic operation
Minimum turning width	1,200 mm, automatic operation
Battery type	Lithium iron phosphate
Battery capacity	60 Ah
Rated voltage	24 V DC
Maximum output power	1,200 W
Charging time	Approx. 2 h (60 Ah battery)
Operating range	Approx. 3-8 / 3-6 h (disc / roller)
Standard sensors	2D LiDAR; 3D depth camera; 3D ToF camera
Optional sensors	RGB camera; sensor described as anti-goccia (confirm intended function)
Atomisation particle size (optional kit)	1-5 µm
Atomisation nozzles (optional kit)	2
Atomisation runtime (optional kit)	3 h
Atomisation service life (optional kit)	5,000 h
Atomisation liquid listed by manufacturer	Hypochlorous acid / QAC disinfectant; confirm approved formulation and operating instructions