## Small Industrial Floor Scrubber Comparison with Lithium Batteries Mopit vs. I-mop vs. Tennant T1

Specification					Tennant T1 Lithium-Ion
Pricing/Warranty	Mopit mini	Mopit Mid	Mopit MAX	Imop XL	Or Nobles Speed Scrub 15
Online Purchase Price	\$2,999.00	\$3,499.00	\$4,999.00	\$6,055.00	\$7,936.00
Leasing Price	\$127/Month after 1st Month	\$134/Month after 1st Month	\$197/Month after 1st Month	Not Sure	About \$200
Lease Term	Month to Month	Month to Month	Month to Month	Not Sure	3 Years
Scrubbing System					
Cleaning Path	15 in	16 in	21 in	18 in	15 in
Solution Tank Capacity	2.9 Gallons	4.75 Gallons	9.0 Gallons	1 Gallon	2.5 Gallons
Sq. footage of cleaning per hour	up to 14,000	up to 15,500	up to 20,500	up to 14,000	up to 14,875
Sq. footage of cleaning per battery charge	up to 14,000	up to 15,500	up to 35,875	up to 14,000	up to 14,875
Brush Type	Cylindrical Brush	Cylindrical Brush	Cylindrical Brush	Horizonal pad/brush	Cylindrical Brush
Brush Speed	1250 rpm	1250 rpm	1250 rpm	350 rpm	900 rpm
Solution flow rate	.145 Gallons per Minute	.148 Gallons per Minute	.231 Gallons per Minute	.07 Gallons per Minute	.10 Gallons per Minute
How long a tank of water will last at full flow	20 Minutes	32 Minutes	39 Minutes (70 Min with reduced flow)	14 Minutes	25 Minutes
Valve or switch to slow down flow rate	Yes	Yes	Yes	Yes	No
Recovery System					
Recovery Tank Capacity	4.75 Gallons	7 Gallons	12.5 Gallons	1.5 Gallons	3.4 Gallons
Vacuum Voltage	24 V 0.5hp	24 V, 0.5hp	24 V 0.5hp	24 V	12 V 0.65hp
Water Lift in Inches	44 in	44 in	44 in	N/A	25 in
Recovery/Drain Hose Inside Diameter	1.5"	1.5 in	1.5 in	1 in	1 in
Construction & Electrical System					
Maching Type	Walk Behind	Walk Behind	Walk Behind	Walk Behind	Walk Behind
Chassis	Aluminum/Rotomolded	Aluminum/Rotomolded	Aluminum/Rotomolded	Injection Molded, Aluminum	Injection plastic, Cast Aluminum
Water Tanks	Rotational Molded	Rotational Molded	Rotational Molded	Rotational Molded	Rotational Molded
Power Supply	N/A	N/A	N/A	N/A	N/A
Charger Specs	100-240V 5A	100-240V 5A	100-240V 7A	100-240V 2A	100-240V 15A
Battery Type/Voltage/Amp hour	Lithium-Ion/24V/17Ah	Lithium-Ion/24V/20Ah	Lithium-Ion/24V/50Ah	Lithium-ion/24V/17.6AH	Lithium-ion/12V/40AH
Battery Run Time	1 Hour	1 hour	1.75 Hours	1 hour	1 hour
On board Charger	Yes	Yes	Yes	No	No
Dimensions					
Height in Operating Position	40 in	40 in	44 in	47.2 in	34 in
Height in Storage Position	26.75	34.5 in	40.25	47.2 in	23.8 in
Width	18.375	22.5 in	26.5	18.9 in	19.7 in
Length	18.75	23.5 in	23.5	13.8 in	27.3 in
Dry Weight	70 lbs	93 lbs	131	57 lbs	110 lbs
Working Weight With Water	93 lbs	133 lbs	206	69 lbs	130 lbs
Sound Level	77 dBA	71 dBA	70 dBA	72 dBA	68 dBA
Zero Turn Radius	Yes	Yes	Yes	Yes	No
Recover water in reverse	No	No	No	No	Yes
Cost of Ownership (based on best online pric	es we could find)				
Replacement Battery Cost	\$375.00	\$599.00	\$749.00	\$1,051.15	\$2,086.60
Replacement Battery Charger Cost	\$122.50	\$122.50	\$122.50	\$561.99	\$809.30
Replacement Squeegee cost	\$15.00	\$15.00	\$17.50	\$49.13 x 2 Total \$98.26	\$62 x 4 Total \$248
Replacement Brush Cost	\$75.00	\$75.00	\$87.50	\$165.35 x 2 Total \$330.70	\$194.10
Replacement Belt Cost	\$9.50	\$9.50	\$9.50	N/A	\$52.70
Replacement Vacuum Motor Cost	\$151.25	\$151.25	\$151.25	\$330.00	\$309.30
Replacement Brush Motor Cost	\$199.99	\$199.99	\$199.99	\$395 x 2 Total \$720	\$282.00
Water Solinoid Valve	\$68.99	\$68.99	\$68.99	\$77.11	\$98.80
Total repair costs based on these parts:	\$1,017.23	\$1,241.23	\$1,406.23	\$3,169.21	\$4,080.80
	Rased on these parts of	at these prices the L-Mon VI is	about 255% more expensive to repair tha	n the Monit Mid	
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All prices above are all based on the least expensive machines and parts we could find on the internet.