



PeopleMover v.4.3

The PeopleMover is a next-generation electric personal transport solution that redefines mobility in various segments. Designed for safety, comfort, and efficiency, it enables employees to move up to three times faster than walking, reducing time loss, fatigue, and inefficiency. Developed by SoFlow Mobility (Switzerland) and distributed through the Movexx dealer network, the PeopleMover combines high-end engineering with proven service and support, delivering reliable, efficient mobility for modern industries.

Performance

With a powerful 350W motor, 200kg load capacity, and a 48V/15Ah Li-ion battery, the PeopleMover delivers performance built for demanding industrial environments. The action range of up to 30km will give you enough power to run all of your errands, while the wide platform and solid chassis ensure a stable, comfortable ride, even on longer routes.

Comfort

The ergonomic platform, intuitive controls, and large color display make the PeopleMover easy to operate for users of all experience levels. Smooth acceleration, stable steering, and low vibration deliver a comfortable and controlled ride. The integrated retractable charging cable minimize downtime and maximize usability.

Safety

The PeopleMover prioritizes operator and workplace safety. Its five-point wheel system prevents tipping, and the dual braking system (electronic and mechanical drum brakes) ensures secure stopping. 360° LED lighting, directional indicators, and brake light signals provide full visibility. A dead-man switch instantly stops the vehicle if released, ensuring maximum operator protection. The projected blue spot warns other traffic in advance.

Reliability

Manufactured by SoFlow Mobility and supported through the Movexx dealer network, the PeopleMover ensures both technical excellence and dependable service. Movexx offers local availability, spare parts, customer support and service through its established international dealer network.



STANDARD / OPTIONAL EQUIPMENT

STANDARD

- Max. speed: 12km/h [7.5 mph], factory setting
- Motor power: 350W
- Max. load capacity: 200kg (440 lbs)
- Battery: 48V/15Ah Li-ion
- Range per battery charge: up to 30km (18.5 miles)
- Charger input: 100-240V/AC, output: 54.6V, 3A
- Charging time: approx. 5 hours
- Brake system: electronic and mechanical drum brake
- Climbing capacity: up to 20% (unloaded)
- Lighting: certified front light, 360° LED light strips with brake and turn signals, blue spot light.
- Display: color LCD with system information and ERP connectivity option
- Safety: dead-man switch, full lighting visibility, 5-point wheel system
- Construction: robust frame, wide platform, integrated retractable charging cable

Advantages

- Up to 75% time savings on internal walking routes
- 3 times faster than walking, improving productivity and reducing operator fatigue
- Fast ROI: payback possible within months through time efficiency
- Low total cost of ownership through durable components and minimal maintenance
- Enhanced workplace safety thanks to stability, lighting, and smart braking systems
- Plug & play deployment makes it easy to integrate into existing workflows
- Supported worldwide via the Movexx dealer network with SoFlow service expertise



TECHNICAL DATA PEOPLEMOVER 4.3

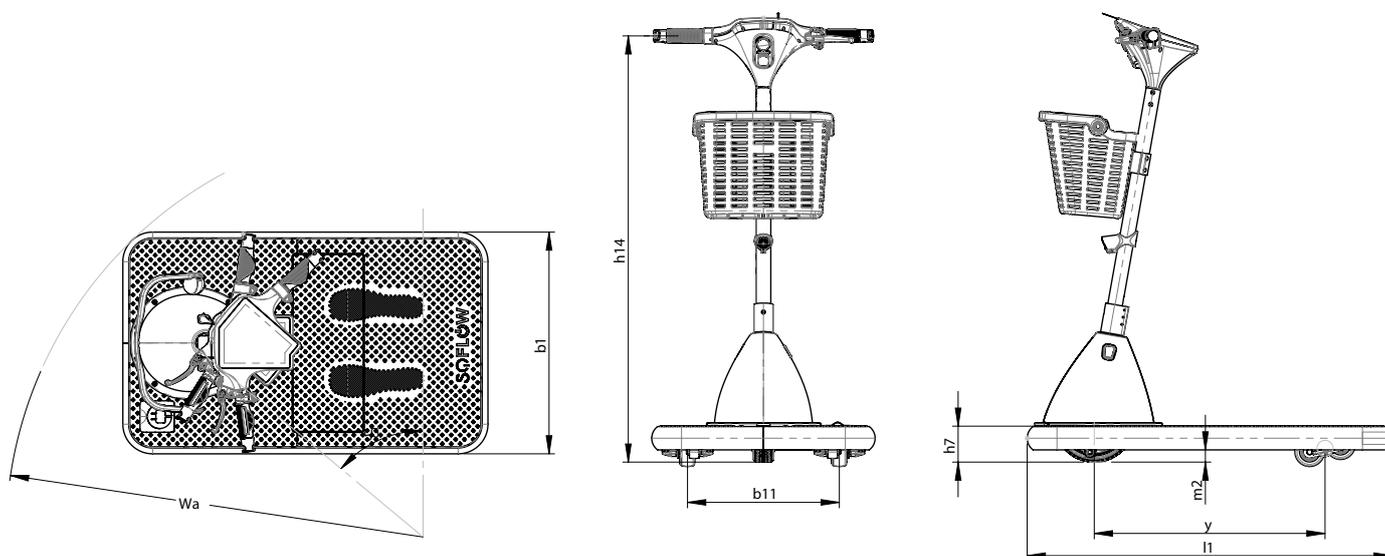
According to VDI 2198 in SI units.**

Characteristics	1.1	Manufacturer		SoFlow	
	1.2	Manufacturer's type designation		PeopleMover 4.3	
	1.3	Drive		Electric with Li-Ion Battery	
	1.4	Operator type		Platform	
	1.5	Rated capacity/rated load	Q [t]	0.2 (load + driver < 200kg)	
	1.9	Wheelbase	y [mm]	627	
Wt	2.1	Weight incl. battery	kg	57	
	2.2	Axle load with load (80kg person)	front/rear	kg	32/105
Tyres/Chassis	3.1	Tyres front/rear	front/rear	Solid Rubber	
	3.2	Tyres size	front	mm	220x55
	3.3	Tyres size	rear	mm	80x40
	3.4	Wheels, number (x = driven wheels)	front/rear		1/x4
	3.6	Tread width	front/rear	b ₁₀ /b ₁₁ [mm]	0/412
Dimensions	4.8	Stand height	min-max	h ₇ [mm]	98
	4.9	Tiller height min-max	min-max	h ₁₄ [mm]	1165
	4.19	Overall length		l ₁ [mm]	992
	4.21	Overall width		b ₁ [mm]	607
	4.32	Ground clearance, center of wheel base		m ₂ [mm]	34
	4.35	Turning radius		Wa [mm]	1134
Performance	5.1*	Travel speeds forwards	with/without load	km/h	12/12
	5.1.1	Travel speed backwards	with/without load	km/h	6/6
	5.8	Maximum slope (5 Min)	with/without load	%	0/20
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)		kW	0.35
	6.4	Battery voltage/nominal capacity		V/Ah	48/15
	6.5	Battery weight		kg	5.4
Other	8.1	Type of drive unit			DC
	10.7	Sound level at operator's ear		dB(A)	<68

* Note! Check local legislation if driving licence or certification is required.

** All values in this table have a tolerance of +/- 5%.

The PeopleMover is equipped with an internal battery charger. Input: 100V - 240V, 0.7A - 1.7A. Output: 54.6V, 3A.



TECHNICAL DATA PEOPLEMOVER 4.3

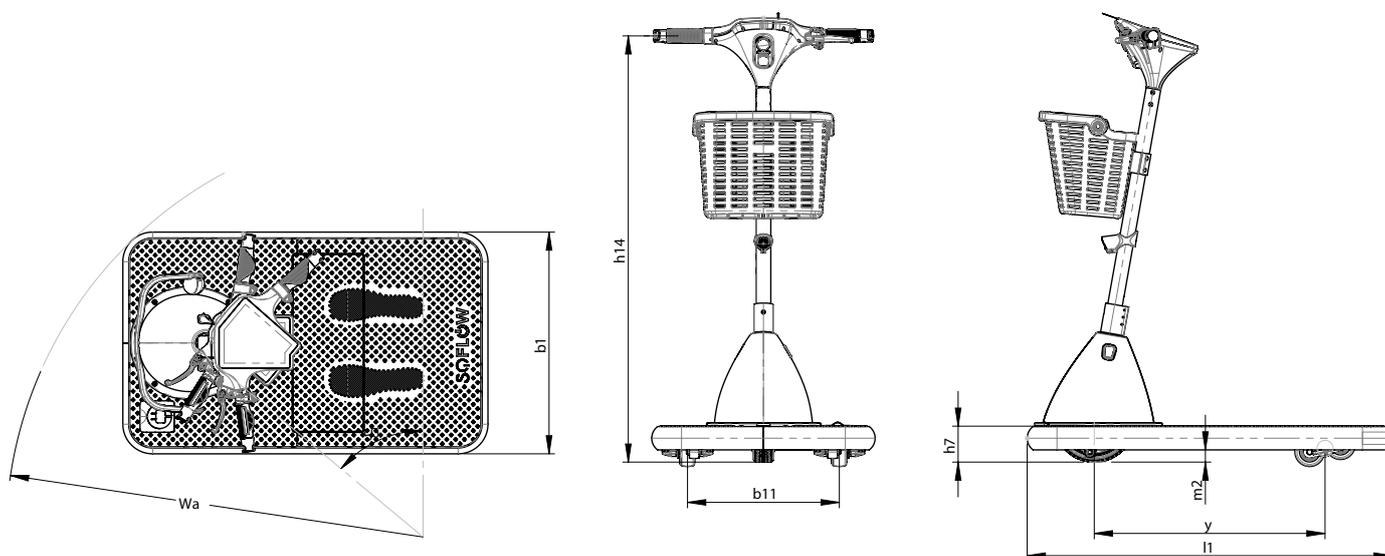
According to VDI 2198 in USCS units.**

Characteristics	1.1	Manufacturer		SoFlow	
	1.2	Manufacturer's type designation		PeopleMover 4.3	
	1.3	Drive		Electric with Li-Ion Battery	
	1.4	Operator type		Platform	
	1.5	Rated capacity/rated load	Q [tn(US)]	0.22 (load + driver < 440 lbs)	
1.9	Wheelbase	y [in]	24.7		
Wt	2.1	Weight incl. battery	lb	126	
	2.2	Axle load with load (176 lbs person)	front/rear	lb	71/231
Tyres/Chassis	3.1	Tyres front/rear	front/rear	Solid Rubber	
	3.2	Tyres size	front	in	220x55
	3.3	Tyres size	rear	in	80x40
	3.4	Wheels, number (x = driven wheels)	front/rear		1/x4
	3.6	Tread width	front/rear	b ₁₀ /b ₁₁ [in]	0/16.2
Dimensions	4.8	Stand height	min-max	h ₇ [in]	3.9
	4.9	Tiller height min-max	min-max	h ₁₄ [in]	45.9
	4.19	Overall length		l ₁ [in]	39.1
	4.21	Overall width		b ₁ [in]	23.9
	4.32	Ground clearance, center of wheel base		m ₂ [in]	1.3
4.35	Turning radius		Wa [in]	44.7	
Performance	5.1*	Travel speeds forwards	with/without load	mph	7.5/7.5
	5.1.1	Travel speed backwards	with/without load	mph	3.7/3.7
	5.8	Maximum slope (5 Min)	with/without load	%	0/20
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)		hp	0.47
	6.4	Battery voltage/nominal capacity		V/Ah	48/15
	6.5	Battery weight		lb	11.9
Other	8.1	Type of drive unit			DC
	10.7	Sound level at operator's ear		dB(A)	<68

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