

Model	SWT-1	SWT-1S	SWT-1HD	SWT-2
Safety	TÜV tested according to N12184:1999			TÜV tested according to EN12184:1999
Medical aid Nr (GER)	18.99.04.0020	18.99.04.0020	18.99.04.0020	18.99.04.00XX
Range	Over 30 km on flat routes	Over 30 km on flat routes	Over 30 km on flat routes	About 20 km on flat routes
Speed	Continuously up to 6 km/h	Continuously up to 9 km/h	Continuously up to 6 km/h	Continuously up to 6 km/h
Max. Trailing Load	140 kg (Driver with wheelchair and luggage)	120 kg (Driver with wheelchair and luggage)	160 kg (Driver with wheelchair and luggage)	80 kg (Driver with wheelchair and luggage)
Max. Gradient	20% with 140 kg trailing load	12% with 120 kg trailing load	20% with 160 kg trailing load	20% with 80 kg trailing load
Sideways Inclination	Max. 20%	Max. 20%	Max. 20%	Max. 20%
Max. Step Height	13 cm upwards 15 cm downwards	13 cm upwards 15 cm downwards	13 cm upwards 15 cm downwards	13 cm upwards 15 cm downwards
Max. Obstacle Height	Protruding from ground 8 cm	Protruding from ground 8 cm	Protruding from ground 8 cm	Protruding from ground 8 cm
Weight	70 kg	70 kg	70 kg	55 kg
Transport Dimensions	About 75×51×53 cm	About 75×51×53 cm	About 75×51×53 cm	About 66×51×53 cm
Engine Power	400 Watt, 3150 min-1	400 Watt, 3850 min-1	400 Watt, 3850 min-1	300 Watt, 3150 min-1
Batteries	2 × 12volts/50AH/C₂₀ Type: AGM (leakproof) Class-8, UN Nr. 2800 Corresponding to ICAO A67	2 × 12volts/50AH/C₂₀ Type: AGM (leakproof) Class-8, UN Nr. 2800 Corresponding to IATA/ICAO A67	2 × 12volts/50AH/C₂₀ Type: AGM (leakproof) Class-8, UN Nr. 2800 Corresponding to IATA/ICAO A67	2 × 12volts/28AH/C₂₀ Type: AGM (leakproof) Class-8, UN Nr. 2800 Corresponding to ICAO A67
Charger	100-240 VAC/50-60 Hz	100-240 VAC/50-60 Hz	100-240 VAC/50-60 Hz	100-240 VAC/50-60 Hz
Charger Power	24 volts, 8 A	24 volts, 8 A	24 volts, 8 A	24 volts, 5 A
Charging Time	Min. 8 h when batteries are empty	Min. 8 h when batteries are empty	Min. 8 h when batteries are empty	Min. 8 h when batteries are empty
Main Fuse	40 amps ATO-Fuse Art: 257040.LN	40 amps ATO-Fuse Art: 257040.LN	40 amps ATO-Fuse Art: 257040.LN	40 amps ATO-Fuse Art: 257040.LN
Headlight	24 volts, 4.5 watts / P26	24 volts, 4.5 watts / P26	24 volts, 4.5 watts / P26	24 volts, 4.5 watts / P26
Brakes	Dynamic motor brake Mech. parking brake	Dynamic motor brake Mechanical parking brake	Dynamic motor brake Mechanical parking brake	Dynamic motor brake Mech. parking brake
Tyre Dimension	200×50 mm / 260×85 mm	200×50 mm / 4.10/3.50-4, 4PR	200×50 mm / 4.10/3.50-4, 4PR	200×50 mm / 260×85 mm
Tyre Pressure	Front 2.5 bars Rear 2.0 bars Special tyres 1.5 bars	Front: 2.5 bar Rear: 1.5 bar Special tyres: 1.5 bar	Front: 2.5 bar Rear: 1.5 bar Special tyres: 1.5 bar	Front 2.5 bars Rear 2.0 bars Special tyres 1.5 bars
Max. Carrier Load	40 kg	40 kg	40 kg	40 kg
Max. Temperatures	Ambient: -20 °C to 45 °C Charge batteries: 10 °C to 45 °C Storage: 10 °C to 25 °C	Ambient: -20 °C to 45 °C Charge batteries: 10 °C to 45 °C Storage: 10 °C to 25 °C	Ambient: -20 °C to 45 °C Charge batteries: 10 °C to 45 °C Storage: 10 °C to 25 °C	Ambient: -20 °C to 45 °C Charge batteries: 10 °C to 45 °C Storage: 10 °C to 25 °C