

ZB50

Technical Specifications

Version		C 50	B 50	BT50
Electrical system	Voltage	220V AC	24V DC	24V DC
	Battery capacity	-	100-130 Ah	
	Maximum running time	-	2,5 h	
	Battery level indicator	-	3 LED on the dashboard	
	Low battery protection	-	Brush/Vacuum stop	
Scrubbing head	Scrubbing width	500 mm		
	Number of brushes	1 (disk)		
	Brush diameter	500 mm		
	Brush speed	135 rpm	155 rpm	
	Brush pressure adjustment	-		
	Maximun pressure	30 kg		
	Raising system	Manual with release pedal		
	Transmission	Gear box		
	Motors power	600W	550 W	550 W
	Productivity-Theoretical max	1750 m ² /h		
Brush (standard)	Material	Standard type - PP		
	Bristle section	0,5 mm		
	Brush connection	Without the use of tools		
	Brush disconnection	Without the use of tools		
Solution tank	Capacity	50 litres		
	Material	PE		
	Filter	Stainless steel cartridge		
	Water flow adjustment	Manual flow adjustment + solenoid valve		
	Discharge outlet	Ø 20 mm		
Recovery tank	Capacity	50 litres		
	Material	PE		
	Discharge hose	Ø38mm		
Vacuum	Vacuum motor power	491 W	310 W	
	Stage	2 stages		
	Value in water column	1579 mm(H ₂ O)	995 mm(H ₂ O)	995 mm(H ₂ O)
	Max air flow	35.74 litre /s	30.29 litre /s	30.29 litre /s
	Motor position	Under the recovery tank - front position		
	Motor accessibility	Unlock and lift the recovery tank		
	Motor protection filter	Plastic net		
	Type of float	Electric with vacuum motor stop		
Squeegee	Shape	V type		
	Width	815 mm		
	Mainbody material	Aluminium		
	Blade material	NR rubber		
	Pressure adjustment	Two easily adjustable independent wheels		

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	Raising system	Manual with hand lever		
	Blade replacement	Without the use of tools		
Traction	Traction system	Mechanical (by brush motor)		Motor + gears
	Operated	Lever on handle bar		
	Forward	-		Yes
	Reverse	-		Yes
	Speed adjustment	-		Potentiometer
	Maximum speed	-		3.5km/h
	Maximum climbing angle	-		2%
	Motor power	-	-	175W
Wheels	Front	2		
	Type	Fixed on front axle	On gear box	
	Diameter	200 mm		
	Material	Non marking rubber	Grey PU	
	Rear	1		
	Type	Caster wheel		
	Diameter	80 mm		
	Material	PU		
Aisel turn around width	Wall to wall	1450mm		
Brake system	Service brake	-		
	Parking brake	-		
Chassis	Material	Steel		
	Thickness	4-5 mm		
	Paint treatment	Electro deposition coating and galvanised parts		
	Protection against impact	Roller bumpers on the front cover angles		
Dimensions	Length	1216 mm		
	Width (without squeegee)	502 mm		
	Height	980 mm		
Battery box dim.	Length	380 mm		
	Width	360 mm		
	Height	300 mm		
Weight	Weight without battery (empty tanks)	89kg	65.5 kg	73kg
	Weight with battery	-	125.5 kg	133 kg
Noise level	From operator ear	72 dB(A)		
Safety systems		All moving parts fully protected		

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	Auto power off system (operator not sitted on)	-	-	-
	Emergency switch ▲	-	-	Yes
Certification	European	CE		