

GDW12 | 3-Brush



GDW14 | 3-Brush



Specifications

MODEL	GDW 12	GDW 14
Performance		
Travel speed	5–14 km/h	5–14 km/h
Working capacity	8000 m ² /h	10000 m ² /h
Water tank capacity	60 L	80 L
Sweeping width	1250 mm	1400 mm
Side brush diameter	500 mm	500 mm
Run time	2-4 h	2-4 h
Debris hopper capacity	80 L	100 L
Dust filter area	5 m ²	5 m ²
Electrical system		
Battery type	Maintenance-free lead-acid(lithium battery optional)	
Battery voltage	48 V	48 V
Battery capacity	45 Ah	45 Ah(optional 48 V, 80 Ah/48 V, 100 Ah)
Drive motor power	48 V 600 W	48 V 1200 W
Main brush motor power	48 V 800 W	48 V 900 W
Side brush motor power	48 V 2 × 100 W	48 V 2 × 100 W
Charger	Smart charger, 220 V AC	Smart charger, 220 V AC
Charging time	6-8 h	6-8 h
Standard & Optional features		
Fan configuration	Single fan (optional sunshade)	Single fan, (optional dual fan,sunshade)
Operator seat	Cushioned operator seat	
Headlights	LED headlights	
Integrated rear lights	Turn / Brake / Tail	
Warning beacon	Work warning lights	
Control system	Intelligent control system	
Tire size/type	Front 250-75 rear 300-80 solid tire	Front 300-80 rear 350-80 solid tire
Steering type	Steering wheel type	
Brake system	Hydraulic drum brake system+Parking brake	
Surface treatment	Electrophoretic coating + Powder coating	
Available colors	Green, gray	
Net weight	328Kg	412kg
Dimensions (L×W×H)	1550 × 1250 × 1150 mm	1900 × 1400 × 1350 mm



GDW13 | 3-Brush



GDW18 | 5-Brush

Specifications

MODEL	GDW 13	GDW 18
Performance		
Travel speed	8–20 km/h	5–14 km/h
Working capacity	13000 m ² /h	12000 m ² /h
Water tank capacity	40 L	80 L
Sweeping width	1300 mm	1800 mm
Side brush diameter	500 mm	500 mm
Run time	2-4 h	2-4 h
Debris hopper capacity	80 L	100 L
Dust filter area	5 m ²	5 m ²
Electrical system		
Battery type	Maintenance-free lead-acid(lithium battery optional)	
Battery voltage	48 V	48 V
Battery capacity	45 Ah	63 Ah(80 Ah / 100 Ah optional)
Drive motor power	48 V 2000 W	48 V 1200 W
Main brush motor power	48 V 650 W	48 V 900 W
Side brush motor power	48 V 2 × 90 W	48 V 4 × 100 W
Charger	Smart charger, 220 V AC	Smart charger, 220 V AC
Charging time	6-8 h	6-8 h
Standard & Optional features		
Fan configuration	Single fan	Single fan, (optional dual fan,sunshade)
Operator seat	Cushioned operator seat	
Headlights	LED headlights	
Integrated rear lights	Turn / Brake / Tail	
Warning beacon	Work warning lights	
Control system	Intelligent control system	
Tire size/type	300-10 tubeless tire	Front 300-80 rear 350-80 solid tire
Steering type	Handlebar type	Steering wheel type
Brake system	Drum brake system, hand brake	Hydraulic drum brake system+Parking brake
Surface treatment	Electrophoretic coating + Powder coating	
Available colors	Green	Gray
Net weight	296Kg	437Kg
Dimensions (L×W×H)	2300 × 1300 × 1200 mm	2360 × 1800 × 1350 mm



GDW20 | 5-Brush



GDW21 | 5-Brush

Specifications

MODEL	GDW 20	GDW 21
Performance		
Travel speed	5–14 km/h	0–14 km/h
Working capacity	12000–18000 m²/h	9000–16000 m²/h
Water tank capacity	45 L	200 L
Sweeping width	2000 mm	2100 mm
Side brush diameter	500 mm	600 mm 750 mm(main brush diameter)
Run time	2-4 h	2-6 h
Debris hopper capacity	150 L	180 L
Dust filter area	6 m²	12 m²
Electrical system		
Battery type	Maintenance-free lead-acid(lithium battery optional)	
Battery voltage	48 V	48 V
Battery capacity	63 Ah(80 Ah,100 Ah optional)	100 Ah (150 Ah optional) lead-acid battery
Drive motor power	48 V 1200 W	48 V 1000 W intelligent gear change
Main brush motor power	48 V 900 W	48 V 1000 W
Side brush motor power	48 V 4 × 100 W	48 V 4 × 100 W
Charger	Smart charger, 220 V AC	
Charging time	6-8 h	
Standard & Optional features		
Fan configuration	Single fan	
Operator seat	Cushioned operator seat	
Rearview mirror	Wide-angle rearview mirror	
Headlights	LED headlights	
Integrated rear lights	Turn / Brake / Tail	
Warning beacon	Work warning lights	
Rearview camera	Reverse camera	
Control system	Intelligent control system	Intelligent control system (timed dust shaking function)
Tire size/type	Front 350-8 back 400-80 solid tire	Front 400-8,rear 400-8 solid tire
Steering type	Steering wheel type	
Brake system	Hydraulic drum brake system+Parking brake	
Surface treatment	Electrophoretic coating + Powder coating	
Available colors	Gray	
Net weight	695Kg	
Overall dimensions	2340 × 2000 × 1940 mm	2300 × 2100 × 2100 mm
Optional high-pressure washer		1000 W(Maximum pressure 108 bar)
High-pressure spray gun		1 unit(Includes 0° 15° 25° nozzle)
Hose reel		10m



GDW22 | 5-Brush



GDW23 | 5-Brush

Specifications

MODEL	GDW 22	GDW 23
Performance		
Travel speed	4–16 km/h	0–14 km/h
Working capacity	12000–20000 m²/h	12000–20000 m²/h
Water tank capacity	160 L	160 L
Sweeping width	2200 mm	2300 mm
Side brush diameter	500 mm	600 mm 800 mm(main brush diameter)
Run time	2-4 h	3-8 h
Debris hopper capacity	200 L	200 L
Dust filter area	12 m²	12 m²
Electrical system		
Battery type	Maintenance-free lead-acid(lithium battery optional)	
Battery voltage	48 V	48 V
Battery capacity	100 Ah(150 Ah optional)	150 Ah (200 Ah optional) lead-acid battery
Drive motor power	48 V 1300 W	48 V 2000 W intelligent gear change
Main brush motor power	48 V 1200 W	48 V 1200 W
Side brush motor power	48 V 4 × 100 W	48 V 4 × 100 W
Charger	Smart charger, 220 V AC	
Charging time	6-8 h	
Standard & Optional features		
Fan configuration	Double fans	
Operator seat	Cushioned operator seat	
Rearview mirror	Wide-angle rearview mirror	
Headlights	LED headlights	
Integrated rear lights	Turn / Brake / Tail	
Warning beacon	Work warning lights	
Rearview camera	Reverse camera	
Control system	Intelligent control system	Intelligent control system (timed dust shaking function)
Tire size/type	Front 350-10 rear 400-80 solid tire	Front 400-8,rear 400-8 solid tire
Steering type	Steering wheel type	
Brake system	Hydraulic drum brake system+Parking brake	
Surface treatment	Electrophoretic coating + Powder coating	
Available colors	Yellowish gray	
Net weight	770Kg	
Overall dimensions (L × W × H)	2350 × 2200 × 2000 mm	2500 × 2300 × 2100 mm
Optional high-pressure washer	1500 W(Maximum pressure 128 bar)	
High-pressure spray gun	1 unit(Includes 0° 15° 25° nozzle)	
Hose reel	10m	



GDW24 | 5-Brush

Specifications

MODEL	GDW 24
Performance	
Travel speed	5–18 km/h
Working capacity	15000–25000 m²/h
Water tank capacity	160 L
Sweeping width	2400 mm
Side brush diameter	Front:700 mm / Rear:500 mm
Run time	2-4 h
Debris hopper capacity	240 L
Dust filter area	16 m²
Electrical system	
Battery type	Lithium-ion battery
Battery voltage	48 V
Battery capacity	200 Ah
Drive motor power	3000 W
Main brush motor power	1 × 1200 W 1 × 950 W
Side brush motor power	4 × 100 W
Charger	Smart charger, 220 V AC
Charging time	6-8 h
Standard & Optional features	
Fan configuration	Double fans
Operator seat	Cushioned operator seat
Rearview mirror	Wide-angle rearview mirror
Headlights	LED headlights
Integrated rear lights	Turn / Brake / Tail
Warning beacon	Work warning lights
Rearview camera	Reverse camera
Control system	Intelligent control system
Tire size/type	135/70R12
Steering type	Electronic power steering (EPS)
Brake system	Hydraulic drum brake system+Parking brake
Surface treatment	Electrophoretic coating + Powder coating
Available colors	Yellowish gray
Net weight	1230Kg
Overall dimensions	3390 × 2400 × 2080 mm



GDW G25
Leaves and garbage collector



GDW 25

Specifications

MODEL	GDW G25	GDW 25
Performance		
Sweeping width	2450 mm	2500 mm
Main brush diameter	800 mm	800 mm
Side brush diameter	Front 700 mm Middle 600 mm	Front 700 mm, Rear 600 mm
Water tank capacity	150 L	300 L
Leaf collection box capacity	300 L	-
Debris hopper capacity	220 L	220 L
Working capacity	20000–35000 m ² /h	20000–35000 m ² /h
Run time	3-8 h	3-8 h
Travel speed	0–14 km/h	0–14 km/h
Dust filter area	10 m ²	12 m ²
Electrical system		
Battery type	Maintenance-free lead-acid(lithium battery optional)	
Battery capacity	Standard 48 V, 200 Ah	48 V, 150 Ah (optional 48 V, 200 Ah)
Drive motor power	2200 W intelligent gear change	
Main brush motor power	1200 W	
Side brush motor power	4 × 100 W	
Leaf suction motor power	1500 W	-
Motor voltage	48 V	48 V
Standard & Optional features		
Tire size/type	Front 400-10, rear 400-10 solid tire	
Control system	Intelligent control system (Electric dust shaking function)	
Surface treatment	Whole car electrophoretic baking paint	
Headlights	Four-way LED headlights	
Taillights	Steering+braking+driving integrated taillights	
Warning beacon	Top operation warning light	
Rearview camera	Reverse camera	
Rearview mirror	Dedicated for sweeping vehicles	
Note	Standard dual fans	Dual fans (optional four fans)
Overall dimensions	3300 × 2450 × 2200 mm	3500 × 2500 × 2730 mm
Optional high-pressure washer	1500 W(Maximum pressure 128 bar)	
High-pressure spray gun	1 unit(Includes 0° 15° 25° nozzle)	
Hose reel	10m	



GDW S25 Pure suction single hanging bucket 240 L



GDW D25 Pure suction double hanging bucket 480 L

Specifications

MODEL	GDW S25	GDW D25
Performance		
Sweeping width	2450 mm	2500 mm
Main brush diameter	800 mm	800 mm
Side brush diameter	Front 700 mm Middle 600 mm	Front 700 mm, Rear 600 mm
Water tank capacity	320 L	600 L
Debris hopper capacity	240 L	480 L
Working capacity	20000–35000 m ² /h	20000–35000 m ² /h
Run time	3-6 h	3-6 h
Travel speed	0–35 km/h	0–35 km/h
Dust filter area	10 m ²	10 m ²
Electrical system		
Battery type	Maintenance-free lead-acid(lithium battery optional)	
Battery capacity	Standard 60 V, 200 Ah	Standard 60 V, 200 Ah
Drive motor power	3000 W intelligent gear change	
Main brush motor power	1200 W	
Side brush motor power	4 × 100 W	
Vacuum motor power	4000 W	-
Motor voltage	60 V	60 V
Standard & Optional features		
Tire size/type	Front 400-10,rear 400-10 solid tire	
Control system	Intelligent control system (Electric dust shaking function)	
Surface treatment	Whole car electrophoretic baking paint	
Headlights	Four-way LED headlights	
Taillights	Steering+braking+driving integrated taillights	
Warning beacon	Top operation warning light	
Rearview camera	Reverse camera	
Rearview mirror	Dedicated for sweeping vehicles	
Note	Standard dual fans	
Overall dimensions	3600 × 2450 × 2200 mm	3050 × 2450 × 2250 mm
High pressure water pump	1500 W(Maximum pressure 128 bar)	
High-pressure spray gun	1 unit(Includes 0° 15° 25° nozzle)	
Hose reel	10m	



Specifications

MODEL	YS16		
Vehicle overview			
Vehicle type	Self-propelled electric road sweeper		
Operating modes	4-in-1: suction, sweeping, high-pressure washing, mist spraying		
Seating capacity	1 operator		
Performance		Capacity & Width	
Max. travel speed/Working speed	≤28 km/h/≤6 km/h	Sweeping / Suction width	2300 mm / 1100 mm
Run time	3 – 7 h	Hopper capacity	1600 L (stainless-steel liner)
Maximum climbing angle	≤15°	Water tank capacity	900 L
Turning radius	4 m	Hopper dump angle	42° (hydraulic tipping)
Dimensions & Weight			
Overall dimensions	4700×1440×2160 mm		
Wheelbase /Track width	2120 mm/1090 mm		
Curb weight / GVW	1950 kg / 3400 kg		
Axle load (front / rear)	1400 kg / 2100 kg		
Powertrain & Battery			
Battery type	Lithium-ion		
Battery voltage	72 V		
Battery capacity	300 Ah		
Charging time	6–8 h (onboard smart charger 220 V AC)		
Traction motor (PMSM)	7.5 kW (rated) / 20 kW (peak)		
Max. torque	150 Nm		
IP rating	IP67 (drive system)		
Drive type	Full-floating differential drive axle		
Suction system		Washing System	
Vacuum fan motor (PMSM)	5 kW (continuous) / 9 kW (peak)	Water pump motor	5.5 kW(continuous) / 7 kW(peak)
Max. airflow	3000 m³/h	Working/Max. pressure	150 bar / 170 bar
Max. vacuum pressure	14.7 kPa (heavy-duty steel fan)	Rated flow rate	15 L/min(professional plunger pump)
Sweeping system			
Side brush motor power	0.1 kW (variable-speed & reversible)		
Brush disc diameter	φ500 mm		
Chassis & Cabin			
Cabin features	Enclosed steel cab, tempered glass, ergonomic operator seat, digital instrument cluster, HD rearview camera		
Steering & Braking	EPS/ vacuum-assisted hydraulic drum brakes		
Suspension & Tires	Heavy-duty leaf springs with shock absorbers / 175/70-13 radial tubeless tires		
Surface Treatment	Electrophoretic coating, Electroplating & Metallic baking paint		



Leaf collector (two brushes)



Leaf collector (four brushes)

Specifications

MODEL	Leaf collector (two brushes)	Leaf collector (four brushes)
Performance		
Sweeping width	1400 mm	2000 mm
Run time	3-5 h	3-5 h
Side brush diameter	600 mm	600 mm
Travel speed	20–42 km/h	20–42 km/h
Overall dimensions	4000 × 1400 × 1860 mm	4000 × 2000 × 1860 mm
Water tank capacity	80 L	80 L
Collection box capacity	0.6m³	0.6m³
Suction pipe diameter	200 mm	200 mm
Tire size/type	350-12 front and 400-10 rear vacuum tires	
Driving range	30–50 km	
Control system	Intelligent control system	
Surface treatment	Whole car electrophoretic baking paint	
Warning lights		
Headlights	LED headlights	
Taillight	Turn+brake+integrated taillight for driving	
Alarm lamp	Roof-mounted warning light	
Electrical system		
Battery type	Lead acid maintenance free+lithium iron phosphate	
Battery capacity	48 V, 63 Ah lead-acid for drive (optional 48 V, 80 Ah)	
	60 V, 120 Ah lithium battery for the suction system	
Drive motor power	1200 W intelligent gear shift	
Vacuum fan motor power	1500 W	
Side brush motor power	2 × 100 W	4 × 100 W
Motor voltage	48 V-60 V	48 V-60 V
Note	Optional sunshade,handheld suction pipe, rear hanging 240 L trash can	



Specifications

MODEL	GDW 105
Cleaning performance	
Cleaning width	1050 mm
Effective working efficiency	4,000–6,000 m ² /h
Gradeability	20%
Max. Working speed	4 km/h
Max. Travel speed	4 km/h
Brush system	
Main brush length	445 mm
Side brush diameter	420 mm
Main brush motor power	220 W
Side brush motor power	45 W × 2
Main brush motor speed	2800 rpm
Dust collection & Filtration system	
Dustbin capacity	35 L
Vacuum fan speed	3200 rpm
Vacuum motor power	45 W
Filtration area	2 m ²
Water spraying system	
Water tank capacity	20 L
Continuous spraying time	>10 min
Spray nozzle	1/4 (6501) × 2
Water pump power	15 W
Power & Battery system	
Standard battery	76 Ah
Continuous working time	3–4 h
Charger	12 V / 10 A
Dimensions & Weight	
Overall dimensions	1050 × 1000 × 850 mm
Packing dimensions	1080 × 1050 × 1080 mm
Net weight	88 kg