

Version		Battery	Dual power-Petrol	Dual Power-Diesel
Electrical system	Battery voltage	24 V		
	Circuit protection	Autoprotection on all motors		
	Alphanumeric digital display	With battery indicator, hour counter (total/partial) and autodiagnosys		
	Front lights	Yes		
Sweeping paths	With main brush only	800 mm		
	With 1 side brush	1100 mm		
	With 2 side brushes	1450 mm		
	Productivity	8250 - 10500 m ² /h		
Main brush	Length	800 mm		
	Diameter	330 mm		
	Type of transmission	belt		
	Pressure adjustment ®	Electric actuator equipped with an automatic self levelling system		
	Material (standard)	polypropylene		
	Brush replacement	without the use of tools		
	Motor	IP 44 class - 500 Watt		
Side brush	Diameter	510 mm		
	Rotation speed	Equipped with speed adjustment on the dash board – from 50 to 120 rpm		
	Type of transmission	Electric motor – 90 W		
	Pressure adjustment	Mechanical		
	Material (standard)	Polypropylene		
	Brush replacement	With the use of one tool		
	Sweeping in curves ®	Automatic brush retraction whilst curving that completely covers sweeping path		
Dust flap for large debris	Debris passage height	100 mm		
	Operator command	Pedal positioned on left hand side		
Waste hopper	Volume	150 litres		
	Maximum dumping height	At all heights up to 1430 mm		
	Type of dumping system	Electro-hydraulic system - motor 400 W		
Dust vacuum	Air flow	710 c.m/h		
	Type of fan transmission	Nr.2 electric motors – Nr. 2 x 180 W		
Dust filter	Filter type	2 independent panel filters in separate vacuum areas		
	Filtering grade	5 micron		
	Filter surface	6 m ²		
	Self cleaning system ®	Programmable with alternate cycles that doesn't stop vacuum dust control		
	Filter replacement	Without the use of tools		
Filter shaker	Self cleaning system	Automatic (programmable) or manual by switch placed on the dashboard		
	Motor power	Nr.2 electric motors – Nr. 2 x 90 W		
Battery supply	Max battery capacity	360 Ah (steel case)	240 Ah (4 x 6V)	
	Max running time	5,5 h	3 h *	
	Max running time Dual Power	-	petrol 5 + 3 batt. = 8h *	diesel 6,5 + 3 batt.=9,5 h *
	* Max battery charger needed	40 Ah	30 Ah	

Traction	Type of transmission	Motor with reduction gear and rear differential		
	Motor power	1000 W		
	Maximum speed	6,5 Km/h		
	Maximum climbing capacity	20%		
Combustion engine	Dual Power system ®	-	Hybrid power system	
	Manufacturer and model	-	Honda GX 200	Lombardini 15LD350
	Capacity	-	200 cc	350 cc
	Maximum power	-	4,75 kW (6,5 Hp)	5 kW (6,9 Hp)
	Cooling system	-	air	
	Fuel tank capacity	-	4 lt + 1 lt reserve = 5 lt	
	Running time	-	5 h	6,5 h
	Automatic starter	-	Yes	
	Oil Alert System	-	Automatic engine stop in case of low oil level	
	Alternator	-	Bosch - 2 kW (80 A/28V)	
	Starting motor	-	300 W - 24 V	400W - 12V
Wheels	Diameter - front	1 Superelastic - 315 x 116		
	Diameter - rear	2 Superelastic - 315 x 116		
Steering	External steering radius	1750 mm		
Chassis	Material	Fe360 steel		
	Treatment	fully coated with eposidic powder paint		
Brakes	Service brake	Drum on front wheel		
	Parking brake	Drum on front wheel		
Dimensions	Length	1600 mm		
	Width	1080 mm		
	Heigth	1280 mm		
Weigth	Empty without battery	465 Kg	512 Kg	540 Kg
	Battery weights	135 Kg - 300 Kg	45 Kg - 135 Kg	45 Kg - 135 Kg
Ergonomics	Seat	Adjustable and with armrests		
	Steering wheel	With knob to ease manoeuvres		
	Traction pedal	Complete foot size and well positioned ergonomically		
	Controls	Easily understood – by the means of 1 switch sweeping functions are operated		
Safety systems	Emergency switch	Easy to reach and stops all functions on the machine		
	Acoustic warning	Operates in reverse gear		
	Total "Auto" stop	If the machine is abandoned, traction and all functions will stop immediately		
	Functions "Auto" stop	If the traction pedal is left still for more than 5 sec. all sweeping functions stop		
	Hopper dumping operations	Dumping operations force the operator to use two hands		
	Waste hopper	Double safety system whilst tilting: whilst raising and whilst lowering		
	Beacon	Equipped with one beacon		
Major accessories upon request	Overhead guard	Yes		
	Polyester filters	Yes		
Certification	European	CE		
Noise Level		63dB	81,5dB	81,5dB
* Note on the "Dual Power" versions: upon use in battery mode the machine is to be always equipped with a battery charger.				