



# GREEN MACHINES 636

**MODEL: 636 Petrol**



## MACHINE DIMENSIONS

Width over Body	1.130 mm (44.5 ins)
Max Length (including brushes)	3.520 mm (138 ins)
Length over Body	3.090 mm (121 ins)
Max Height (excluding folding beacon)	1.990 mm (78 ins)
Wheel Base	1.400 mm (55 ins)
Min. swept width (brushes in)	1.390 mm (54 ins)
Max. width (brushes out)	1.910 mm (75 ins)
Max Length	3.520 mm (138.5 ins)
Max Hopper Dump (Unload) Height	1.460 mm (57 ins)
Max Width (variable axle out)	1.390 mm (54 ins)

## TRACK & INSIDE TRACK DIMENSIONS

Rear Wheels Inside Track (inner wheel to inner wheel)	830 mm (32.6 ins)
Rear Wheels Track (centre of wheel to centre of wheel)	945 mm (37.2 ins)
Front Wheels Inside Track (inner wheel to inner wheel)	1.090 mm (42.9 ins) with axle extended
Front Wheels Track (centre of wheel to centre of wheel)	1.220 mm (48 ins) with axle extended

## VEHICLE WEIGHTS

Front Axle unladen	1.060-1.190 kg (2336-2623 lbs)
Front Axle Max Weight	1.300 kg (2866 lbs)
Rear Axle unladen	830-1.060 kg (1829-2336 lbs)
Rear Axle Max Weight	1.450 kg (3196 lbs)
Max Total Permissible Wght (GW)	2.550 kg (5621 lbs)

## VEHICLE SPEEDS

Forward Travel Mode (Transit)	35 km/h max (21.7 mph)
Forward Travel Mode (Brush Lift)	16 km/h max (10 mph)
Forward Work Mode (Sweep mode)	13 km/h max (8 mph)
Reverse	6 km/h max (4 mph)

## MAXIMUM HILL CLIMB

20%

## HOPPER

Capacity	1.500 lts Gross / 1000 lts Net
System Compaction Ratio	2:1
Ratio Clearance for tipping	1.4 mtrs (55 ins)

## NOISE

Drive By Noise	78 dB(A)
Inside Cab With Fan	82 dB(A)

## WHOLE BODY VIBRATION

Hand Arm	0.76 m/s <sup>2</sup> (Limit is 2.5 m/s <sup>2</sup> )
Levels comply with Machinery Safety Directive 2006/42 EC	

## ENGINE TYPE

Type	WG1605-G-ET01 Petrol
Capacity	1.6L ; 4 cylinder
Power	39.5 KW (43.5 hp)/ 3000 rpm
Max Torque	112 Nm/2200 rpm
Engine Oil Type	10w-40 API SLOR HIGH HERC LASS
Engine Oil Capacity	6 L (1.59 US Gals)
Coolant Type	50/50 water/antifreeze (Ethylene Glycol)
Coolant Capacity ( Total system)	13.5 L (3.55 US Gals)
Alternator Capacity	12V 90 amp
Fuel Tank Capacity	55 L (14.5 US Gals)
Engine Emissions	EU stage 5 / EPA Tier 4 final



**MINIMUM TURNING CIRCLE (DIAMETER)**

Wall to Wall 4.100 mm (161 ins)  
 Kerb to Kerb 3.250 mm (124 ins)

**HYDRAULICS**

Oil Specification ISO 46 Hydraulic Oil  
 Hydraulic Tank Operating Capacity 40 L (10 US gals)  
 Suction Fan - max RPM 2.800 rpm  
 Brush Motor - max speed 105 rpm  
 Transmission Max Pressure 275 bar (4.043 psi)

**SUCTION FAN PERFORMANCE**

Maximum Flow 7.200 m<sup>3</sup>/h (2m<sup>3</sup>/sec)  
 Maximum Pressure 48 mbar

**BRAKES**

Rear Brakes Knott 230x50 hydro servo with manual adjust  
 Front Brakes Knott 200x30 hydro simplex with manual adjust

**TYRES**

Size 155/70 R12C – Tyres on 4.5J rims  
 Max Loading 750 kg (1650 lbs)  
 Tyre Pressure 6.5 bar (94 psi)  
 Tyre Footprint Loadings 3.5 kg/square centimeter

**WATER SYSTEM**

Tank Capacity 195 L (51.4 US Gals)  
 Max system Pressure 8 bar (118psi)  
 Cloudmaker Flow Rate 15 L/hr (3.95 US Gals)

**PRESSURE WASHER**

Water Flow 13 L/min (3.43 US Gals)  
 Max Water Pressure 90 bar (1323 psi)

**STREET WASHER**

Max Water Flow 17 L/min (4.48 US Gals)  
 Max Water Pressure 100 bar (1470 psi)

