



# GREEN MACHINES 636

**MODEL: 636 Diesel**



## 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 Wht (GVW)	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 ltrs Gross / 1000 ltrs Net
System Compaction Ratio	2:1
Ratio Clearance for tipping	1.4 mtrs (55 ins)

## NOISE

Drive By Noise	76 dB(A)
Stationary noise	76 dB(A) @ 2830 rpm

## 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	Kubota V1505 CR T EW02 Turbo Diesel
Capacity	1.5L ; 4 cylinder
Power	32.5 KW (43.5hp)/3000 rpm
Max Torque	116.8 Nm/2000 rpm
Engine Oil Type	10w-40 API <b>CJ4 or CK4</b>
Engine Oil Capacity	6 L (1.59 US Gals)
Coolant Type	50/50 water/antifreeze (Ethylene Glycol)
Coolant Capacity ( Total system)	9 L (2.38 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 (RADIUS)**

Work Mode at Brushes	4.1 m (161.5 ins)
Work Mode at Front Wheels	3.25 m (128 ins)
Inner rear Wheel Turn Radius	1.7 m (66.95 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)

