

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

NOISE

| | |
|---------------------|----------|
| Drive By Noise | 76 dB(A) |
| Inside Cab With Fan | 82 dB(A) |

WHOLE BODY VIBRATION

| | |
|--|--|
| Hand Arm | 0.76 m/s ² (Limit is 2.5 m/s ²) |
| 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 CJ4 or CK4 |
| 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 (DIAMETRE)

| | |
|--------------|--------------------|
| 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 ³ /h (2m ³ /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) |

