**Data and Performance Information**

<table>
<thead>
<tr>
<th>Engine Data</th>
<th>Performance</th>
<th>Capacities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Tare Weight</td>
<td>Hopper voided volume</td>
</tr>
<tr>
<td>Deutz D2011 L03i</td>
<td>1910 kg</td>
<td>1.0 m³</td>
</tr>
<tr>
<td>Direct injection, Oil cooling</td>
<td>2400 kg</td>
<td>Fuel tank</td>
</tr>
<tr>
<td>Cubic capacity</td>
<td>GVM - Standard machine</td>
<td>55 litres</td>
</tr>
<tr>
<td>2.33 litres</td>
<td>Payload</td>
<td>Clean water tank</td>
</tr>
<tr>
<td>No. of cylinders</td>
<td>490 kg. - Dependant on options</td>
<td>225 litres</td>
</tr>
<tr>
<td>3 in line</td>
<td>Maximum speed</td>
<td>Recirculation system</td>
</tr>
<tr>
<td>Gross rated power</td>
<td>25 km/h</td>
<td>100 litres</td>
</tr>
<tr>
<td>31 kW @ 2300 rev./min.</td>
<td>Sweeping rpm</td>
<td>Total water system</td>
</tr>
<tr>
<td>Maximum torque</td>
<td>850 - 1900 rpm</td>
<td>325 litres</td>
</tr>
<tr>
<td>137 Nm @ 1700 rev./min.</td>
<td>Transit rpm</td>
<td></td>
</tr>
<tr>
<td>Legislation compliance</td>
<td>Meets EU RL 97/68/EC Stage 3A; 2004/26/EC</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sweeping Equipment</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Brush diameter</td>
<td>700 mm</td>
<td></td>
</tr>
<tr>
<td>Brush speed</td>
<td>Infinitely variable up to 120 rev./min.</td>
<td></td>
</tr>
<tr>
<td>Nozzle width</td>
<td>600 mm</td>
<td></td>
</tr>
<tr>
<td>Sweep rate/output @ 16 km/h</td>
<td>28,800 m²/hr (theoretical max.)</td>
<td></td>
</tr>
<tr>
<td>Sweeping width</td>
<td>1500 - 2200 mm</td>
<td></td>
</tr>
<tr>
<td>Hopper discharge height</td>
<td>1.35 m</td>
<td></td>
</tr>
</tbody>
</table>
Transmission:
Full hydrostatic transmission with closed loop circuit and variable angle swash plate piston pump. Drive to front wheels - maximum speed up to 25 km/h.

Engine Control:
Mechanical engine control. Forward / reverse selection with lever on the steering column.

Electrics:
12 volt system with 60 amp alternator.

Suspension:
Front: Coil springs with hydraulic dampers.
Rear: Double cone rubber springs.

Steering:
Front wheel steering
Kerb to kerb: Turning circle 6.0m.

Optional:
4-wheel-steering
Kerb to kerb: Turning circle 3.9m.

Tyre Size:
Front: 165/70 R13C.
Rear: 165/70 R13C.

Brakes:
Front: Hydrostatic transmission braking.
Rear: Hydraulic drum brakes with integral parking brake.

Parking: Hand lever parking brake.

Noise:
In cab: Noise between 72 – 75 dB(A) depending on operating speed.
External: Maximum $L_{WA}$ of 103 dB(A) measured in accordance with Directive 2000/14/EC

Impeller:
High pressure centrifugal fan unit mounted to hopper roof provides powerful suction means for the pickup nozzle and dust conveying system. Driven by hydraulic motor with integrated heavy support bearings. Dynamically balanced multivane low noise fan impeller with wear resistant self cleaning blades.

Hopper:
Hopper material 1.4003 stainless steel.
Discharge width 0.99 m.
With integrated recirculation water tank.

Nozzle:
Wheeled suction nozzle between axle, in front of the front wheels. Special trailed linkage allows nozzle to ‘ride over’ objects without damage. Selecting reverse automatically stows the nozzle to prevent accidental damage.

Cab:
Heater: Air filter for cab air.
3 level fan.
Option of air conditioning.


Seating: Single Seat. Fully adjustable air suspension cloth covered driver’s seat with adjustable back support.

Controls: Ergonomically designed for driver comfort with all switches located according to function. An arm rest contains all sweeping related controls. Automatically re-settable directional indicators. Low beam light. In cab water taps for brushes and suction nozzle.

Vibration:
Soundproofed cab with a structural steel frame, mounted on hydraulic anti-vibration mounts.

Standard machine features:
500 hour service intervals.
Fully PM10 EU compliant
Vibration: All dynamic prime mover components have been resiliently mounted to minimise vibrations. Vibration levels in accordance with 89/392/EEC as amended & according to ISO2631-1 (Body-Vibrations) & EN ISO 5349-1 (Hand-Arm-Vibrations).

Reverse Warning: Audible warning device with night silent override.

Safety:
High visibility safety prop with automatic deployment and manual retract, in addition to a hydraulic check valve.

Working Temperature:
50°C to - 20°C

Maximum Humidity:
90%

Options:
Spare Wheel.
Wanderhose with 4.8m reach.
‘Supawash’: High pressure washing hand lance & pump. (10.5 L/min @ 100 Bar).
Low pressure wash down hose.
CD/MP3 Radio.
Air conditioning.
First aid kit.
2 kg dry power fire extinguisher.
5.6 Inch colour flat screen with reverse camera system.
2 point inertia lap seat belt.
Battery isolator.
Poly-steel brush (in lieu of standard).