

## Highway 3™



- [Print Specifications](#)

Dimensions: **US** | **METRIC**

### Power

<b>Engine</b>	Kubota® D1105-T, 3 cylinder (in line) 4 stroke watercooled, turbocharged, diesel engine
<b>Displacement</b>	1123 cc
<b>Starting System</b>	12 V electric start
<b>Power</b>	24.5 kW @ 3000 rpm
<b>Fuel Capacity</b>	43 litres

### Drive Train

<b>Traction Drive</b>	On-demand cross-flow 4 wheel drive system, 2 wheel drive in transport mode. Direct coupled variable displacement pump.
<b>Cutting Unit Drive</b>	Fixed displacement hydraulic motors
<b>Hydraulic Tank Capacity</b>	33 litres
<b>Grade of Hydraulic Oil</b>	ISO 46 Oil

### Speed (Maximum)

<b>Cutting</b>	Forward: 12 km/h	Reverse: 12 km/h
<b>Transport</b>	Forward: 25 km/h	Reverse: 5 km/h

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## Instruments

The Highway 3 features the most **advanced control systems** yet seen in a Ransomes mower, perhaps any commercial mower and, because of this, many of the traditional gauges have been replaced with a single, **multi-functional screen**.

The instrument panel contains switches that operate the parking brake, starter key, cutting unit engagement, backlap/mower reverse and hazard warning lights, if fitted.

This provides all the information required for safe operation including: warning lights, fuel gauge, hour meter, subsequent displays contain information on oil and water temperatures, oil pressure, blocked filters and various other warnings.

When a service is due an indicator displays the time left before the service and provides a **list of the service items and parts** required to complete the job. Any faults will be logged and can be retrieved later.

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## Brakes

<b>Service</b>	Hydrostatic braking
<b>Parking</b>	Fail safe hydraulic parking brakes on front wheels

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## Tyres

<b>Front</b>	23 x 10.50 - 12 (6 ply rating)
<b>Rear</b>	18.50 x 8.50 - 8 (4 ply rating)

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## Steering

Hydrostatic power steering with adjustable tilt steering wheel

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## Seat

Mechanical suspension - multifunction armrest

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## Controls

Starter key switch, throttle control lever, parking brake, cutting unit switch, unit lift/lower control, weight transfer switch, traction pedal, steering tilt control, horn, auto diff lock, Plus1 controller, hazard warning switch, lighting kit switch (where fitted), optional rotating beacon

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## Dimensions

<b>Length</b>	2.45 m
<b>Transport Width</b>	1.37 m
<b>Height with ROPS</b>	2.1 m
<b>Operating Weight</b>	Less than 1200kg
<b>Ground Pressure</b>	1.0 kg/cm <sup>2</sup>
<b>Wheel Base</b>	1.35 m
<b>Wheel Track</b>	Front: 1.05 m Rear: 1.10 m

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## Cutting

### Sport 200 cylinders:

The tried and tested Sport 200 cutting units are now 3 kg lighter per unit, but still maintain their strength, durability and reliability.

### Swing-out centre cutting unit:

A robust swing out unit that can withstand the rigours of commercial operation.

It is strong and durable, while providing easy access for servicing and major annual maintenance.

<b>Type</b>	Cylinders
<b>Construction</b>	Heavy duty welded pressed steel construction
<b>Reel Length</b>	762mm
<b>Number of Blades</b>	4, 6 or 8
<b>Reel Diameter</b>	197mm
<b>Width of Cut</b>	2.13m
<b>Fixed Head Height of Cut (Standard Blade)</b>	12.7mm - 89mm
<b>Floating Head Height of Cut (Standard Blade)</b>	12.7mm - 35.7mm
<b>Floating Head Height of Cut (Thin Blade)</b>	9mm - 32mm
<b>Rear Roll</b>	76mm diameter
<b>Cutting Performance (area)</b>	2.5 ha/h at 12 km/h 10% allowance is included for normal overlaps and turning at end of each cut

<b>Height of Cut Adjustment</b>	Adjustable screw system on rear roll
<b>Transmission</b>	By direct drive through splined hydraulic motor to splined reel

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## Operator Levels

<b>Operator Ear Noise Level</b>	83 dB (A)Leq (2000/14/EC)
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## Emission Levels

<b>Hand/Arm Vibration Level</b>	0.39 m/s <sup>2</sup>
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## Optional Equipment

Rotary beacon kit, storage pod, storage racks, puncture resistant tyres, lighting kit, TST™ stability enhancement system (Patent Pending)