

PRODUCT SPECIFICATION SHEET

Ransome Pedestrian Hydro Drive Rotary

930325 Product Code

SERVICING

<u>Description</u>	<u>Type</u>	<u>Qty</u>
Fuel	Petrol	16.2
General Grease	Shell Darina R2, or equivalent	
Engine Oil	SAE 30W, 0 to 32°C SAE 10W 30, -20 to 35°C SAE 40W, 20 to 45°C SAE 5W-20, -30 to 0°C SAE 10W 30	1.8 litres
Hydraulic oil	SAE 10W 30	4.54 Litres
<u>Interval</u>	<u>Description</u>	
Daily	Check engine oil level Check air filter element Clean air intake screen Check for oil and air leaks Check tyre pressures (14 PSI) Check battery electrolyte level	
First 0.5 hour/ First 4 hours/	Check belt tension	
First 5 Hours	Change engine oil & filter	
First 8 Hours	Clean dust & dirt from cylinder & cylinder head fins Tighten nuts & screws Clean & re-gap spark plug	Rec. Champion RCJ8Y – Req. Gap 0.75mm (0.030")
Every 25 Hours	Clean air filter element	
Weekly/ Every 50 hours	Clean fuel sediment bowl Check belt tension Lubricate all grease points Lubrication with Shell Darina R2 grease Check/replace (if required) inline fuel filter	
Every 100 Hours	Clean dust & dirt from cylinder & cylinder head fins Tighten nuts & screws Clean & re-gap spark plug Change engine oil & filter Check hydraulic oil level	Rec. Champion RCJ8Y – Req. Gap 0.75mm (0.030")
Every 200 Hours	Change engine oil & filter Replace air cleaner element	
Every 300 Hours	Clean combustion chamber Check & adjust valve clearance Clean & lap valve-seating surface	
Every 500 Hours	Change hydraulic oil & filter	4.54 Litres (10W 30) - fill to bottom of filler tube

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MACHINE DETAILS

Standard Features

For long-lasting, high performance walk-behind rotaries, count on the proven durability of Ransomes midsize mowers. You can depend on them to stay on the job and out of the repair workshop. Ransomes Gear and Hydrostatic drive rotary mowers offer a level of reliability unsurpassed in the professional grass care business.

Power

Manufacturer	Kawasaki
Engine model	FH 451V
Engine type	V Twin overhead valve air-cooled
Horsepower HP	15
Horsepower KW	11
Cubic capacity	494cc
Engine RPM max	3600rpm
Engine RPM min	1400rpm
Air Cleaner	Dual element air cleaner
Fuel type	Unleaded petrol
Quantity	16.2 Litres
Fuel consumption	5.2 Litres/Hour @ Max speed/load

Dimensions

Length	N/A	
Cutting width	92.7 cm	36.5 inches
Transport width	119.4 cm	47 inches
Height	N/A	
Weight	154.2 Kg	340 Lbs
Turning Radius	0 cm	0 inches

Starting System

Electric key start

Electrical System

Starting:	12 volt with 200 cold cranking amps
Starting System	Solid state ignition, electric start
Charging	12V – 5 amp

Drive Train

Traction and Reel Drive	Belt drive from engine to hydrostat input shafts
Ground Speed	0 – 5.2 Mph Forward 0 – 1.7 Mph Reverse

Blade Drive	Industrial B section heavy-duty v-belt drive (not twisted) from crankshaft to cutter deck with 5" steel idlers on sealed ball bearings. Pto switch on control panel controls engagement of blades.
Transport tyres	16 X 7.50 Turf Saver
Brakes	Hydrostatic braking, mechanical parking brake on tyre surface

Controls

Operator Presence Control: Traction lever locks, Operator present controls.
Controls: throttle, choke, PTO switch, speed selector – tracking levers, key switch, parking brake lever

Noise & Vibration

SD Operators ear level (sound pressure)	84.7 dB(A)
RD Operators ear level (sound pressure)	84.5 dB(A)
SD Bystander level (sound power)	99 dB
RD Bystander level (sound power)	98 dB
Hand/Arm acceleration level X	Below 0.5 m/s ²
Hand/Arm acceleration level Y	Below 0.5 m/s ²
Hand/Arm acceleration level Z	Below 0.5 m/s ²

Publications

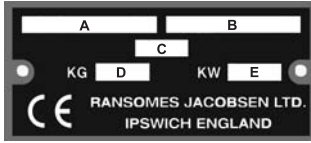
Operators book	4122451
Parts book	4122450

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Product Identification



A – 930325
B – 930325 01234
C – 2004
D – 154.2Kg
E – 11kw

Location of Serial Number Plate: Right hand main chassis member

Cutting

No. Blades	2
Width of Cut	92.7 cm
Height of Cut	35mm – 117mm (1 3/8" – 4 5/8")
Height of Cut Adjustment	Caster wheel adjustment
Cutting Rate	4.2 Acres/8 hours (5.74 Ha/8 hours) at 5MPH (8Kph)
Tip Speed	3954 m/min (12973 Ft/min)
Blade length	457mm (5")
Blade Material	1566 alloy steel, austempered and heat-treated.
Blade thickness	5.2 mm (0.204")
Casters	9 X 3.5 – 4 Solid foam

Torque Figures

Blade Nut	95 Nm
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Optional Equipment

Part Number 970155	Grass Collector
Part Number 933506	91cm (36") Rear discharge deck
Part Number 933407	91cm (36") Side discharge deck