

## **SPECIFICATIONS**

	RG100DXH		RG140DXH	
GENERAL	US	Metric	US	Metric
Weight	4,300 lb	1950.5 kg	6140 lb	2785 kg
Length	167"	424 cm	200"	508 cm
Height	90"	229 cm	90"	229 cm
Width	75"	190.5 cm	86"	218 cm
Chip Collection Capacity	59 cu. ft.	1,671 L	86 cu. ft.	2435 L
Axle Type	Torflex		Torflex	
Axle Capacity	6,000 lb	2,722 kg	7000 lbs	3175 kg
Telescoping Tongue Extension	60"	152.5 cm	60"	152.5 cm
Hitch	Adjustable height 2"ball	50.8 mm	Adjustable height 2-5/16" ball	58.7 mm
Jack Stand	Screw-type with caster wheel		Hydraulic	
Tires	(2) LT 225/75-R16		(2) LT 33x12.5/16.5	
Swing Pivot Bearings	2" spherical plane		2" spherical plane	5 cm
Fenders	Steel, bolt-on		Steel, Bolt-on	
Operator Control Console	Mounted on swing away arm with protective polycarbonate window full length rubber shield and fully covered valve bank		Mounted on swing away arm with protective polycarbonate window full length rubber shield and fully covered valve bank	
Highway Lighting	DOT approved (MOT compliant, where applicable)		DOT approved (MOT compliant, where applicable)	
Hour Meter	Standard		Standard	
Electric Brake System	Standard		Standard	
Tool Box	Standard		Standard	
ENGINE				
Model	Kubota V3800DI-T-E3B, Tier 3/ Stage IIIA, I, Turbocharged, diesel		John Deere 4045HF285	
Number of Cylinder	4		4	
Gross HP	99.2 hp @ 2600 RPM	73.97 kw	140 hp @ 2540	104 kw
Maximum Rated Torque	240 ft-lb @ 2600 RPM	325.4 nm	387 ft-lb @1500 RPM	525 nm
Cooling Medium	liquid cooled		liquid cooled	
Air Cleaner	Dry type with Pre-Cleaner		Dual Element, Dry type	
Oil Filter	Spin-on type		Spin-on type	
Fuel Tank Capacity	24 gal	91 L	50 gal	189 L
Electrical System	12 volts/75 AMP Alternator		12 volts/75 AMP Alternator	

MyDRAULIC SYSTEM		RG100DXH		RG140DXH		
Command Cut         Swing speed control and horse-power optimizer         Swing speed control and horse-power optimizer           Oil Reservoir Capacity         19 gl         71.9 L         15 gal         56.8 L           Oil Type         ISO 48         Tellus 46 or aimilar         56.8 L           Operator Control Valves         29-bank mono-block spring centering series acrease reading series acrease	HYDRAULIC SYSTEM		Metric		Metric	
Down of Direction	Aux System Pressure Relief	1900 psi	13100.04 kPa	2250 psi	15513.2 kPa	
Oll Type Operator Control Valves Shahm knonc-block spring centering peries Letting peries Letting speries Lett	Command Cut					
Operator Control Valves  Cutter System  S-bank mono-block spring centering series tering series  Cutter System  Variable displacement, high pressure, closed loop, hydrostatic  Cuttrol MHEEL  Wheel Daimeter  Series  25" Series  11" 25 cm 1"  Cutting Wheel Bearings  2 3/16" diameter Pillow Block  RPM  Cutting Wheel Bearings  2 3/16" diameter Pillow Block  RPM  Cutting Wheel Bearings  2 3/16" diameter Pillow Block  RPM  Cutting Wheel RPM  Alsable speed from 0 to 1288  RPM  Cutting Wheel RPM  Cutting Teeth  Cutting Teeth  Rayso Super tooth" forged, one price, with fungition carbode tips.  Cutter Wheel RPM  Alsable Speed from 0 to 1268  RPM  Cutter Wheel Roundity  32  Cutter Wheel  Cutter Wheel  Cutter Wheel  Alsa condo savinous shutting off engine  Cutter Wheel  Cutter Wheel  Cutter Wheel  Cutter Wheel  Cutter Wheel  Cutter Wheel Engagement  Hydrostatic with Quickstop  Cutter Wheel Engagement  Hydrostatic with Quickstop  Cutter Wheel Engagement  Hydrostatic with Quickstop  Cutter Wheel Engagement  Cutter Wheel Engagement  Cutter Wheel Repagement  Cutter Wheel	Oil Reservoir Capacity	19 gal	71.9 L	15 gal	56.8 L	
Cutter System   Variable displacement, high pres- sure, closed foop, hydrostatic   Variable speed from 0 to 128   Wheel Dlameter   25	Oil Type	ISO 46		Tellus 46 or similar		
CUTTING WHEEL  Wheel Diameter 25° Wheel Diameter 25° Wheel Diameter 25° Wheel Phickness 1° Cutting Wheel Bearings 23/16° diameter Pillow Block 25',56 mm 25'	Operator Control Valves					
Wheel Diameter         25°         63.5 cm         28°         41°         2.5 cm         1°         2.5 cm         2.5 cm         1°         2.5 cm	Cutter System					
Wheel Thickness         1°         2.5 cm         1°         1°         Cutting Wheel Bearings         2.3/16° diameter Pillow Block         5.56 mm         2.3/16° diameter Pillow Block         6.56 mm         2.3/16° diameter Pillow Block         6.50 mm         9.50 mm	CUTTING WHEEL					
Cutting Wheel Bearings 2 3/16" diameter Pillow Block RPM Cutter Wheel RPM RPM Arriable speed from 0 to 1268 RPM RPM Cutting Teeth Cutting Teeth Rayco Super tooth** forged, one piece, with tungsten carbide tips. Cutter Teeth Quantity 22 Chip Retaining Curtains Cutter Wheel Cutter Wheel Must come to a stop in less than three seconds without shutting off engine Cutter Wheel Cutter W	Wheel Diameter	25"	63.5 cm	28"		
Cutter Wheel RPM       Variable speed from 0 to 1268 RPM       Variable speed from 0 to 1270 RPM         Drive Belt       Gates Polychain GT®       Gates Polychain GT®       Gates Polychain GT®         Cutting Teeth       Rayco Super tooth™ forged, one piece, with tungsten carbide tips.       Rayco Super tooth™ forged, one piece, with tungsten carbide tips.         Cutter Teeth Quantity       32       40         Chip Retaining Curtains       Fabric impregnated rubber       Fabric impregnated rubber         Cutter Wheel       Must come to a stop in less than three seconds without shutting off engine       Must come to a stop in less than three seconds without shutting off engine         Cutter Wheel Engagement       Hydrostatic with Quickstop       Hydrostatic with Quickstop         CUTTING RANGE (without RepositionNine)         Below Ground Level       26°       66 cm       26°       66 cm         Above Ground Level       32°       81 cm       31°       78.7 cm         Cutting Width       96°       243.8 cm       99.6°       253 cm         Contract Backward       80°       152.4 cm       60°       152.4 cm         OPTIONS         Fender Mounted Chip Retainer       Fender Mounted Chip Retainer       Colled electrical (6 way to 7 way male)       152.4 cm <td>Wheel Thickness</td> <td>1"</td> <td>2.5 cm</td> <td>1"</td> <td></td>	Wheel Thickness	1"	2.5 cm	1"		
Drive Belt         RPM         RPM Gates Polychain GT®         Cutting Teeth         Rayco Super tooth™ forged, one piece, with tungsten carbide tips.         Rayco Super tooth™ forged, one piece, with tungsten carbide tips.         Rayco Super tooth™ forged, one piece, with tungsten carbide tips.         Reprint the gate of the piece, with tungsten carbide tips.         Alone of the piece, with tungsten carbide tips. <t< td=""><td>Cutting Wheel Bearings</td><td>2 3/16" diameter Pillow Block</td><td>55.56 mm</td><td>2 3/16" diameter Pillow Block</td><td>55.56 mm</td></t<>	Cutting Wheel Bearings	2 3/16" diameter Pillow Block	55.56 mm	2 3/16" diameter Pillow Block	55.56 mm	
Cutting Teeth       Rayco Super tooth™ forged, one piece, with tungsten carbide tips.       Rayco Super tooth™ forged, one piece, with tungsten carbide tips.         Cutter Teeth Quantity       32       40         Chip Retaining Curtains       Fabric impregnated rubber       Fabric impregnated rubber         Cutter Wheel       Must come to a stop in less than three seconds without shutting off engine       Must come to a stop in less than three seconds without shutting off engine       Must come to a stop in less than three seconds without shutting off engine         CUTTING RANGE (without REPOSITIONING)         Below Ground Level       26°       66 cm       26°       66 cm         Above Ground Level       32°       81 cm       31"       78.7 cm         Cutting Width       96°       243.8 cm       99.6°       253 cm         Forward – Backward       60°       152.4 cm       60°       152.4 cm         OPTIONS         Fender Mounted Chip Retainer       Fender Mounted Chip Retainer       Fender Mounted Chip Retainer         28° Cutter Wheel       71 cm       Pintle Hitch         Colied electrical connection harness adapter (6 way to 7 way male)         Pintle Hitch         Colied electrical connection harness adapter (6 way to 7 way male)         Coli	Cutter Wheel RPM					
Cutter Teeth Quantity 22 Chip Retaining Curtains Cutter Wheel Must come to a stop in less than three seconds without shutting off engine Cutter Wheel Cutter Wheel Must come to a stop in less than three seconds without shutting off engine Cutter Wheel Engagement Hydrostatic with Quickstop Hydrostatic with Quickstop  CUTTING RANGE (WITHOUT REPOSITIONING)  Below Ground Level 32° 66 cm 81 cm 31° 78.7 cm Above Ground Level 32° 81 cm 31° 78.7 cm Cutting Width 96° 243.8 cm 99.6° 00° 152.4 cm  OPTIONS  Pender Mounted Chip Retainer Fender Mounted Chip Retainer  Fender Mounted Chip Retainer	Drive Belt	Gates Polychain GT®		Gates Polychain GT®		
Chip Retaining Curtains       Fabric impregnated rubber       Fabric impregnated rubber       Fabric impregnated rubber         Cutter Wheel       Must come to a stop in less than three seconds without shutting off engine       Must come to a stop in less than three seconds without shutting off engine         Cutter Wheel Engagement       Hydrostatic with Quickstop       Hydrostatic with Quickstop         CUTTING RANGE (without Repositioning)         Below Ground Level       26°       66 cm       26°       66 cm         Above Ground Level       32°       81 cm       31"       78.7 cm         Cutting Width       96°       243.8 cm       99.6°       253 cm         Forward – Backward       60°       152.4 cm       60°       152.4 cm         OPTIONS         Fender Mounted Chip Retainer       Fender Mounted Chip Retainer       Fender Mounted Chip Retainer       Fender Mounted Chip Retainer       Goiled electrical connection harness adapter (6 way to 7 way male)         Light Hitch       Surge Brakes       Surge Brakes       Surge Brakes       Light Hitch	Cutting Teeth					
Cutter Wheel       Must come to a stop in less than three seconds without shutting off engine       Must come to a stop in less than three seconds without shutting off engine         Cutter Wheel Engagement       Hydrostatic with Quickstop         CUTTING RANGE (without Repositioning)         Below Ground Level       26"       66 cm       26"       66 cm       28"       78.7 cm         Cutting Width       99.8"       99.8"       253 cm         Forward – Backward       60"       152.4 cm       60"       60"       152.4 cm       60"       Pender Mounted Chip Retainer       Fender Mounted Chip Retainer       Fender Mounted Chip Retainer       Pender Mounted Chip Retainer       Pender Mounted Chip Retainer       Golied electrical connection harness adapter (6 way to 7 way male)       Collied electrical connection harness adapter (6 way to 7 way male)       Legen Brakes       Legen Brakes <th cols<="" td=""><td>Cutter Teeth Quantity</td><td>32</td><td></td><td>40</td><td></td></th>	<td>Cutter Teeth Quantity</td> <td>32</td> <td></td> <td>40</td> <td></td>	Cutter Teeth Quantity	32		40	
three seconds without shutting off engine  Cutter Wheel Engagement Hydrostatic with Quickstop Hydrostatic with Quickstop  CUTTING RANGE (without repositioning)  Below Ground Level 26" 66 cm 26" 66 cm 31" 78.7 cm  Above Ground Level 32" 81 cm 31" 78.7 cm  Cutting Width 96" 243.8 cm 99.6" 253 cm  Forward – Backward 60" 152.4 cm 60" 152.4 cm  OPTIONS  Pender Mounted Chip Retainer Fender Mounted Chip Retainer 28" Cutter Wheel 71 cm Pintle Hitch  Cutting Hitch Coiled electrical connection harness adapter (6 way to 7 way male)  Pender Mounted Chip Betakes  Surge Brakes	Chip Retaining Curtains	Fabric impregnated rubber		Fabric impregnated rubber		
CUTTING RANGE (WITHOUT REPOSITIONING)  Below Ground Level 26" 66 cm 26" 67 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Cutter Wheel	three seconds without shutting		three seconds without shutting		
Below Ground Level     26"     66 cm     26"     66 cm       Above Ground Level     32"     81 cm     31"     78.7 cm       Cutting Width     96"     243.8 cm     99.6"     253 cm       Forward - Backward     60"     152.4 cm     60"     152.4 cm       OPTIONS       Fender Mounted Chip Retainer     Fender Mounted Chip Retainer     Fender Mounted Chip Retainer       28" Cutter Wheel     71 cm     Pintle Hitch       2-5/16" Coupler     58.7 mm     Hydraulic Surge Brakes	Cutter Wheel Engagement	Hydrostatic with Quickstop		Hydrostatic with Quickstop		
Above Ground Level 32" 81 cm 31" 78.7 cm 253 cm 253 cm 253 cm 60" 152.4 cm 60" 60" 152.4 cm 60"	CUTTING RANGE (WITHOUT REPOSITIONING)					
Cutting Width       96"       243.8 cm       99.6"       253 cm         Forward – Backward       60"       152.4 cm       60"       152.4 cm         OPTIONS         Fender Mounted Chip Retainer       Fend	Below Ground Level	26"	66 cm	26"	66 cm	
Forward – Backward  60" 152.4 cm 60" 152.4 cm  60" 152.4 cm  60" 152.4 cm  162.4	Above Ground Level	32"	81 cm	31"	78.7 cm	
Pintle Hitch  28" Cutter Wheel  Pintle Hitch  2-5/16" Coupler  Surge Brakes  Fender Mounted Chip Retainer  Fender Mounted Chip Retainer  Fender Mounted Chip Retainer  Coiled electrical connection harness adapter (6 way to 7 way male)  Hydraulic Surge Brakes	Cutting Width	96"	243.8 cm	99.6"	253 cm	
Fender Mounted Chip Retainer  28" Cutter Wheel 71 cm Pintle Hitch  Pintle Hitch Coiled electrical connection harness adapter (6 way to 7 way male)  2-5/16" Coupler 58.7 mm Hydraulic Surge Brakes  Surge Brakes	Forward - Backward	60"	152.4 cm	60"	152.4 cm	
28" Cutter Wheel 71 cm Pintle Hitch  Pintle Hitch  Coiled electrical connection harness adapter (6 way to 7 way male)  2-5/16" Coupler 58.7 mm Hydraulic Surge Brakes  Surge Brakes	OPTIONS					
Pintle Hitch  Coiled electrical connection harness adapter (6 way to 7 way male)  2-5/16" Coupler  58.7 mm  Hydraulic Surge Brakes		Fender Mounted Chip Retainer		Fender Mounted Chip Retainer		
connection harness adapter (6 way to 7 way male)  2-5/16" Coupler 58.7 mm Hydraulic Surge Brakes  Surge Brakes		28" Cutter Wheel	71 cm	Pintle Hitch		
Surge Brakes		Pintle Hitch		connection harness adapter		
		2-5/16" Coupler	58.7 mm	Hydraulic Surge Brakes		
Hydraulic Jack		Surge Brakes				
•		Hydraulic Jack				