

# RD ROTARY DISC HEADER Specifications



## Models RD132, RD162 & RD182

Model	RD132	RD162	RD182
<b>Cutter Bar</b>			
Cutting width	13 ft. (3.96 m)	15 ft. 5 in. (4.7 m)	18 ft. (5.48 m)
Cutting height / w opt. high-stubble shoes*	0.6 - 3.11 in. (15-79 mm) / NA	0.85 - 2.6 in. (22-66 mm) / 2.15 - 3.9 in. (56 - 100 mm)	0.85 - 2.6 in. (22-66 mm) / 2.15 - 3.9 in. (56 - 100 mm)
Cutter bar tilt angle*	+2 to -13 degrees	-1 to -12 degrees	-1 to -12
Cutter bar type	Modular w/individual oil sumps	Modular w/individual oil sumps	Modular w/individual oil sumps
Number of discs	10	12	14
Number of knives per disc	2 – reversible, swingaway	2 – reversible, swingaway	2 – reversible, swingaway
Disc cutting diameter	19.7 in. (500 mm)	19.7 in. (500 mm)	19.7 (500)
Disc drive type	Bevel gears in sealed module	Bevel gears in sealed module	Bevel gears in sealed module
Maximum disc speed	3000 rpm	3000 rpm	3000
Knife tip speed	187 mph (301 kph)	187 mph (301 kph)	187 (301)
Shock protection	Standard on all non-drive discs	Standard on all non-drive discs	Std. - frangible splines in disc drive hub on all non-drive discs
<b>Header Drive</b>			
Cutterbar Input Drive	Hydrostatically driven w/2, 3-CID hydraulic motors	Hydrostatically driven w/2, 3-CID hydraulic motors	Hydrostatically driven w/2, 3-CID hydraulic motors
Drive pressure – forward/reverse	5000/5800 psi (345/400 bar)	5000/5800 psi (345/400 bar)	5000/5800 psi (345/400 bar)
<b>Auger</b>			
Type	NA	Floating	Floating, with reinforced flighting
Diameter	NA	20 in. (508 mm)	20 in. (508 mm)
Length	NA	169.1 in. (4295 mm)	199.06 in. (5056 mm)
Flighting depth	NA	5 in. (127 mm)	7 in. (178 mm)
Float range	NA	2 in. (51 mm)	2 in. (51 mm)
<b>Conditioner</b>			
Removable	NA	Yes	Yes
Conditioner drive	4HB v-belt, enclosed gears w/u-joints	4HB v-belt, enclosed gears w/u-joints	4HB v-belt, enclosed gears w/u-joints
Conditioner type	Intermeshing rolls	Intermeshing rolls	Intermeshing rolls
Roll type	Molded rubber or steel w/intermeshing spiral lugs	Molded rubber or steel w/intermeshing spiral lugs, or machined urethane high-contact w/spiral grooves	Molded rubber or steel w/intermeshing spiral lugs, or machined urethane high-contact w/spiral grooves
Roll length, in.(mm)	102 in. (2591 mm)	102 in. (2591 mm)	102 in. (2591 mm)
Roll diameter, in.(mm)	10.4 in. (264 mm)	10.4 in. (264 mm)	10.4 in. (264 mm)
Roll speed @ full cutterbar speed	920 rpm	923 rpm	923 rpm
Roll tensioning	Torsion-bar roll pressure system adjusts with a single crank, rolls separate automatically on-the-go to allow thick material to pass	Torsion-bar roll pressure system adjusts with a single crank, rolls separate automatically on-the-go to allow thick material to pass	Torsion-bar roll pressure system adjusts with a single crank, rolls separate automatically on-the-go to allow thick material to pass
Roll gap	Adjustable, with stop bolt @ each end	Adjustable, with stop bolt @ each end	Adjustable, with stop bolt @ each end
Windrow/swath width min-max	38-96 in. (965-2438 mm)	38-96 in. (965-2438 mm)	38-96 in. (965-2438 mm)
<b>Dimensions</b>			
Overall Width, ft. (mm)**	13.3 ft. (4039 mm)	15.6 in. (4757 mm)	18.1 in. (5505 mm)
Ground Clearance to skid shoe*	22 in. (558 mm) max. tilt / 24.5 in. (622 mm) min. tilt	27 in. (686 mm) min. tilt	29.6 in. (754 mm) min. tilt
<b>Weights</b>			
Shipping	3,450 lb. (1565 kg) steel / 3,350 lb. (1520 kg) rubber	4,780 lb. (2168 kg) steel / 4,680 lb. (2123 kg) rubber	5,333 lb. (2419 kg) steel / 5,233 lb. (2374 kg) rubber
Operating - Header w/conditioner	3,110 lb. (1410 kg) steel / 3,010 lb. (1365 kg) rubber	4,470 lb. (2028 kg) steel / 4,370 (1982 kg) rubber	4,990 lb. (2263 kg) steel / 4,890 lb. (2218 kg) rubber
Operating - Header w/o conditioner	NA	3,410 lb. (1547 kg)	3,985 lb. (1808 kg)
Parking Stand	Standard, flip-down	Two standard, adjustable	Two standard, adjustable
Field-Installed Options	Crop dividers, high stubble kit, corner marker kit, push bar	Crop dividers, high stubble kit, corner marker kit, push bar	Crop dividers, high stubble kit, corner marker kit, push bar, gauge wheels
<b>Windrower Compatibility</b>			
Models	WDX1902, WDX2302, WD1903 & WD2303	WDX1902, WDX2302, WD1903 & WD2303	WDX2302 & WD2303
Tire Sizes	16.9x28, 18.4x26 & 21Lx28 R4†	16.9x28, 18.4x26 & 21Lx28 R4	16.9x28, 18.4x26, 21Lx28, & 23.1x26

\*With 18.4 x 26 tires on RD132 and with 18.4 x 26 tires on RD162 and RD182. \*\*Width @ ground level- RH belt shield extends past the end of the cutterbar

† Windrowers equipped with 21L x 28 R4 tires have an overall width (outside-to-outside of tires) of 152.3". Header cut width is 156 in. Windrowers equipped with 23.1 x 26 tires have an overall width (outside to outside of tires) of 156 in. Header cut width is 156 in. Not recommended.

# RD162 SPECIALTY/GRASS-SEED HEADER Specifications



## Model RD162 Specialty/Grass-Seed

Model	RD162 Specialty/Grass-Seed
<b>Cutter Bar</b>	
Cutting width	15 ft. 4 in. (4.67 m)
Cutting height/with opt. high-stubble shoes*	0.85 - 2.6 in. (22-66 mm)/2.15-3.9 in. (56-100 mm)
Cutter bar tilt angle*	-1 to -12 degrees
Cutter bar type	Modular w/individual oil sumps
Number of discs / knives per disc	12 / 2 – reversible, swingaway
Crop lifters	Outer discs only
Disc cutting diameter	19.7 in. (500 mm)
Disc drive type	Bevel gears in sealed module
Maximum disc speed	3000 rpm
Knife tip speed	187 mph (301 kph)
Shock protection	Standard on all non-drive discs
<b>Header Drive</b>	
Cutterbar input drive	Hydraulically driven w/2, 2.46-CID hydraulic motors
Drive pressure – forward/reverse	5000/5800 psi (345/400 bar)
<b>Auger</b>	
Type	Floating
Diameter	20 in. (508 mm)
Length	169.1 in. (4295 mm)
Fighting depth	7 in. (178 mm); tapering to 1 in. (25 mm) at inner end
Float range	2 in. (51 mm)
Speed @ 2100 cutterbar RPMs	254 w/standard 33-tooth sprocket; 227 w/optional 37-tooth sprocket
<b>Crop Flow Management</b>	
Crop leaning pushbar/flexible curtain	Standard; on-board storage when not in use
Full opening under and behind auger	Standard
Opening/windrow width	Standard – 100 in. (2540 mm); Optional – 83 and 60 in. (2108 and 1524 mm)
Windrow forming rods	2 pairs Standard
Discharge opening cover	Standard
<b>Dimensions</b>	
Overall width**	15.6 ft. (4757 mm)
Ground clearance to skid shoe*	27 in. (686 mm) min. tilt
<b>Weights</b>	
Shipping	3,760 lbs. (1706 kg)
Operating	3,305 lbs. (1499 kg)
<b>Parking Stand</b>	
	Two standard, adjustable
<b>Field-Installed Options</b>	
	Crop dividers, high stubble kit, corner marker kit, push bar, gauge wheels, closure kits
<b>Windrower Compatibility</b>	
Models	WDX1902, WDX2302, WD1903 & WD2303
Tire sizes	16.9x28, 18.4x26 & 21Lx28 R4

\* With 18.4 x 26 tires

\*\* Width @ ground level- RH belt shield extends past the end of the cutterbar

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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