



**JOHN DEERE**

## Fast in the field. And through the gate.

New John Deere R Series Mowers are designed with speed in mind. Hook up is easy – a Quik-Coupler is available on the three larger models. Transport is fast and easy, too, with the optional hydraulic tilt cylinder. Simply engage the tractor hydraulics and the cutterbar swings up and locks into place.

These new disc mowers provide greater reliability – and peace of mind. The multi V-belt drive can absorb sudden shock loads, plus the drive line is protected by a slip clutch (standard equipment). The cutterbar drive shaft is also shear-bolt protected, reducing the chance of damage to the drive shaft. And power is transmitted between the rotary discs via gears running in oil. If you should catch a fence post or other immovable obstruction, the cutterbar has a breakaway latch that lets the mower swing back to limit damage.

The R Series is designed for fast repairs. If a disc is damaged, the affected quill assembly (see photo next page) can be removed and replaced. Disc knives are reversible for double the cutting life. The entire cutterbar is enclosed by a heavy protective curtain to limit flying objects. The front section hinges up and automatically locks in the raised position for easy access to the cutterbar area for maintenance or inspection.

In addition to offering these new John Deere R Series Disc Mowers, your John Deere dealer also offers a new line of Frontier-branded 50 Series Disc Mowers – providing excellent cutting performance at a budget-friendly price. Please take a closer look at page 20. Better yet, visit your John Deere dealer.



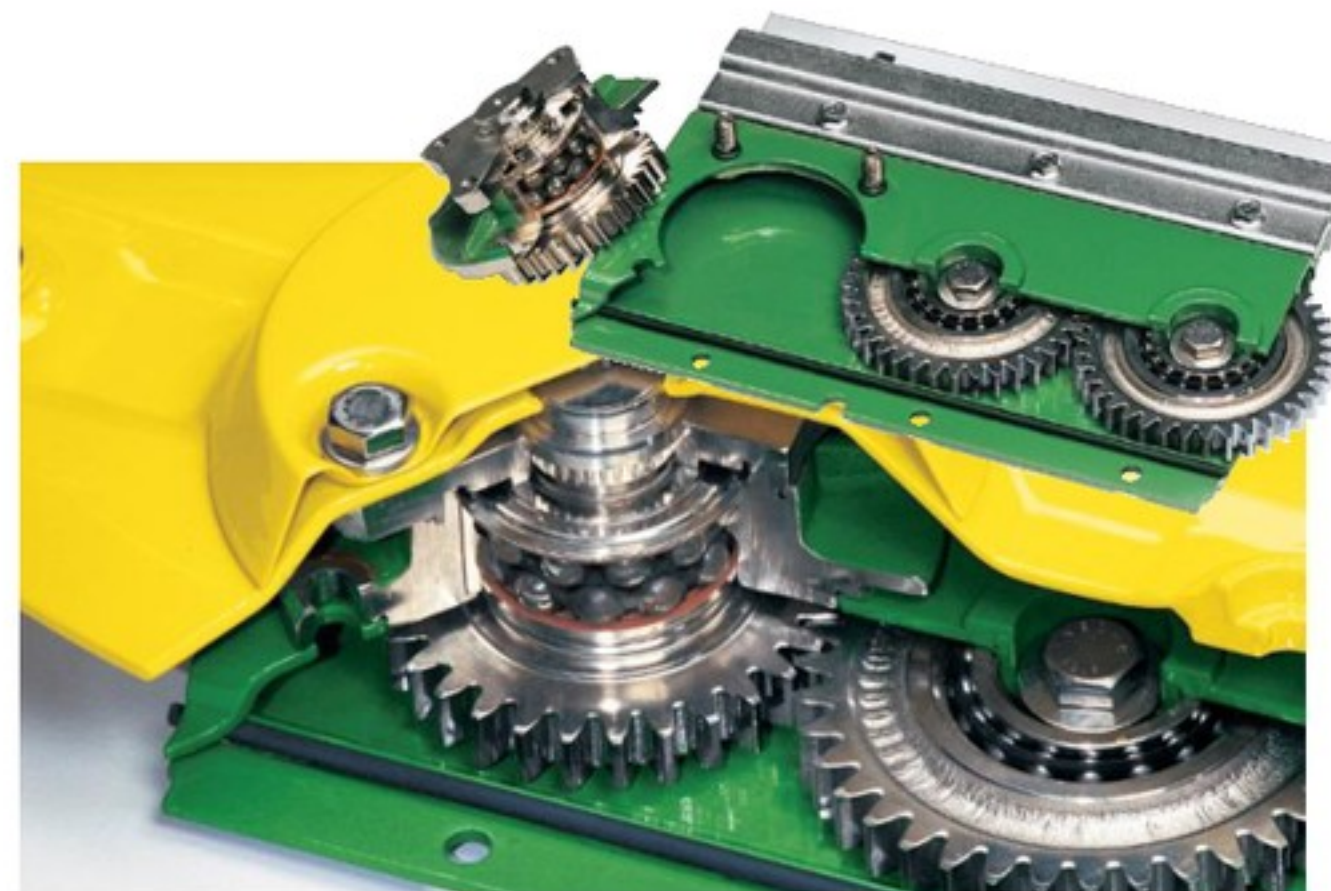
These mowers fold up for transport right from the seat. Your tractor hydraulics do all the work.





	R160	R200	R240	R280	R310
Tractor requirement*	28 hp (21 kW)	35 hp (25 kW)	42 hp (31 kW)	50 hp (37 kW)	56 hp (41 kW)
Cutting width	5 ft. 3 in. (1.6 m)	6 ft. 7 in. (2.0 m)	7 ft. 11 in. (2.4 m)	9 ft. 2 in. (2.8 m)	10 ft. 2 in. (3.1 m)
Number of discs	4	5	6	7	8
PTO speed	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm
Disc speed	2,986 rpm	2,986 rpm	2,986 rpm	2,986 rpm	2,986 rpm
Cutting speed	NA	NA	NA	NA	NA
Cutting arc	+35 to -22 degrees	+35 to -22 degrees	+35 to -28 degrees	+35 to -28 degrees	+35 to -28 degrees
Lift system	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Weight	834 lb. (379 kg)	940 lb. (427 kg)	1,177 lb. (535 kg)	1,248 lb. (567 kg)	1,421 lb. (646 kg)

\*Tractor cab required to operate all rotary disc mowers. Specifications subject to change without notice.



A removable "quill assembly" speeds repairs while it protects the cutterbar gears from internal damage. The rugged high-strength gears run in oil, cool and quiet.



The swath-forming wheel replaces the old fashioned rigid swath shield found on some disc mowers. It fits under the protective curtain and virtually eliminates ground scuffing on tight turns. The wheel also poses no problem when backing up.