MDX71, MDX81, MDX91
Disc Mowers

Repair Manual

87023825

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Tractor Requirements

The Model MDX71 disc mower is designed to fit tractors with 540 RPM PTOs with standard ASAE Category I three-point hitches.

The Models MDX81/91 disc mowers are designed to fit tractors with 540 RPM PTOs with standard ASAE category II three-point hitches.

The tractor must also have adjustable sway bars or a means of locking the lower lift arms from moving sideways.

For the MDX71 disc mower, the tractor front axle weight should be 782 kg (1725 lbs.) or greater prior to attaching the disc mower. This is for tractors with a wheel base range of 78" to 84". Add additional weight if required to achieve 782 kg (1725 lbs.) or greater.

The tractor must also be equipped with one remote hydraulic circuit with a minimum of 104 bar (1500 PSI) and a maximum of 193 bar (2800 PSI).

The tractor should be 45-horsepower minimum for the Model MDX71, 55-horsepower minimum for the Model MDX81, and 60-horsepower for the Model MDX91. Insufficient tractor horsepower may cause stripping and poor cutting.

The tractor must have adequate ballasting, wheel spacing, and tire spacing to be stable on hillsides. Too small a tractor may create a stability concern when mowing in hilly conditions.

CAUTION

A tractor with an enclosed cab is recommended when operating a rotary disc cutting machine.

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