CASE IH AGRICULTURE

DISC MOWERS

PULL TYPE & MOUNTED

CASE IH AGRICULTURE

CASE IH
CASE IH
120U

CASE IH HEAVY-DUTY MOUNTED ROTARY DISC MOWERS

If you are looking for a proven, rugged disc mower designed for durability and performance, then MD3 series disc mowers are the answer. The fully independent modular design of our disc mowers, disc mower conditioners and windrow headers provide fast, clean cutting performance, with knife tip speeds of 187 mph, and high-quality conditioning to get the most out of your fields.

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MD3 SERIES HEAVY-DUTY MOUNTED ROTARY DISC MOWERS

3 Models | 6.7–9.2 ft. (2–2.8 m) Cutting Widths

THE CUTTERBAR.

Independent disc modules ensure reliability and simple service and repair. All components are isolated from the adjacent modules. There is no free flowing oil between the modules, bearings, gears and other internal components. Should damage to one module occur, the other modules would not be affected. This greatly reduces downtime and costs to repair.

FLEXIBLE SUSPENSION.

The suspension on Case IH MD3 disc mowers allows for a wide up and down cutting angle. This feature makes the mowers an excellent tool for mowing levees, ditch banks, road sides or other steep areas.

WINDROW FORMATION.

The MD series disc mowers have an optional left and right swath board. These swath boards are easily installed and help form the crop into the windrow.

PUT AWAY YOUR WRENCHES.

Our quick change knife system greatly reduces the time needed to perform maintenance. Quickly change or flip knives without the need for wrenches or sockets. The knife tool is conveniently stored on the mower so it is always there when needed.

SHOCK HUB PROTECTION.

Each module is equipped with a shock hub for protection from rocks or other hidden surprises in the field. If a collision occurs, the hub takes the blow, protecting the cutterbar from time-robbing, expensive failures. The shock hub is an external feature, so repairs are quick and simple and do not involve opening the module and exposing the internal components and lubricants to chaff and dirt.

ADJUSTABLE GROUND PRESSURE.

To ensure a clean cut, ground pressure can be adjusted to your field conditions. An easily accessible and adjustable coil spring controls the suspension by lengthening or shortening the spring as needed.

SIMPLE DRIVE.

MD mowers are driven by a heavy-duty 4-rib belt that ensures constant power transfer. The belt is easily adjusted by the read gauge located on the sheet metal indicating belt tensions. Adjustments are made by a simple turn of the tensioning nut on the tension spring. This ensures accurate adjustment and longer life of the belt.

ADJUSTABLE HITCH.

The linkage pins on the hitch are easily adjusted and can be moved to match the tractor wheel spacing or create on offset, which enables the mower to cut to it's full working width.

QUICK HITCH COMPATIBILITY.

Hook up and disconnect has never been easier. MD3 disc mowers are quick hitch compatible for convenient and fast mounting. This feature is standard on the MD83 and MD93 and optional on the MD73.

3-YEAR CUTTERBAR WARRANTY.

For peace-of-mind mowing, MD3 and TD3 disc mowers are covered by a three-year cutterbar warranty. This includes the base one-year warranty on the entire machine and an additional 2-year on the cutterbar drive line components.

SPRING-LOADED SAFETY BREAKAWAY.

A breakaway latch is located on the hitch and frame mount. The latch breaks away if the mower comes in contact with an immovable object. The cutterbar can swing back up to 30 degrees. To reset the latch, simply reverse the mower until the latch is reengaged.

CASE IH
3YEAR
MD93

MD3 HEAVY-DUTY MOUNTED ROTARY DISC MOWER SPECIFICATIONS

MODEL	MD73	MD83	MD93
CUTTERBAR			
Cutting Width	6 ft. 8 in. (2 040 mm)	7 ft. 10 in. (2 400 mm)	9 ft. 2 in. (2 800 mm)
Cutting Height	.95 – 3.25 in. (24 – 82.5 mm)		
Cutter Bar Tilt Angle	0° – -10°		
Cutter Bar Operating Range	+18° – -32°	+18° – -30°	+18° – -28°
Breakaway Angle	19°		
Type Cutterbar	Modular		
Number of Discs	5	6	7
Knives Per Disc	2 – reversible, swingaway		
Disc Cutting Diameter	19.7 in. (500 mm)		
Disc Drive	Bevel gears in sealed modules		
Disc Speed	3,000 rpm		
Cutterbar Shear Protection	Std.- Frangible splines in disc drive hub		
Swath Width Standard	80 in. (2 032 mm)	94 in. (2 388 mm)	110 in. (2 794 mm)
DRIVELINE			
Minimum PTO HP Required*	45	55	60
Input Speed	540 rpm		
PTO Shaft Spline and Size Required	6-spline / 1-3/8 in. (35 mm)		
Driveline Protection	Belt drive to cutterbar		
Overrunning Clutch	On PTO shaft		
Belt Tension	Spring-loaded tensioner with adjustment gauge		
HYDRAULICS AND HITCH			
Hydraulic Circuits Required	1 remote		
Minimum Relief Pressure Required	1,500 psi (104 bar)		
Hitch	CAT I or II	CAT II	
DIMENSIONS AND WEIGHT			
Overall Width	138.75 in. (3 524 mm)	160.25 in. (4 070 mm)	181.75 in. (4 616 mm)
Overall Length	42.5 in. (1 080 mm)	50.5 in. (1 283 mm)	
Height - Transport Position	98 in. (2 489 mm)*	119.5 in. (3 035 mm)**	141 in. (3 581 mm)**
Shipping Weight	1,440 lb. (653 kg)	1,610 lb. (730 kg)	1,750 lb. (794 kg)
Operating Weight	1,300 lb. (590 kg)	1,460 lb. (662 kg)	1,590 lb. (721 kg)

†Recommended for use with tractors having a fully enclosed cab. *Transport height is based on 24-inch (609 mm) hitch-pin height above ground on MD73 models **Transport height is based on 18-inch (457 mm) hitch-pin height above ground on MD83 and MD93 models

MDX SERIES ECONOMY MOUNTED ROTARY DISC MOWERS

3 Models | 5–7 ft. (1.5–2.1 m) Cutting Widths

SIMPLE AND ECONOMICAL.

Case IH MDX mowers feature:

- Fully welded cutterbar.
- Spur gear drive.
- Common sump lubrication.
- Low profile discs.

For clean and fast cutting the MDX mowers are an economical choice for lower acreage jobs.

RELIABLE OPERATION, CLEAN & FAST CUTTING.

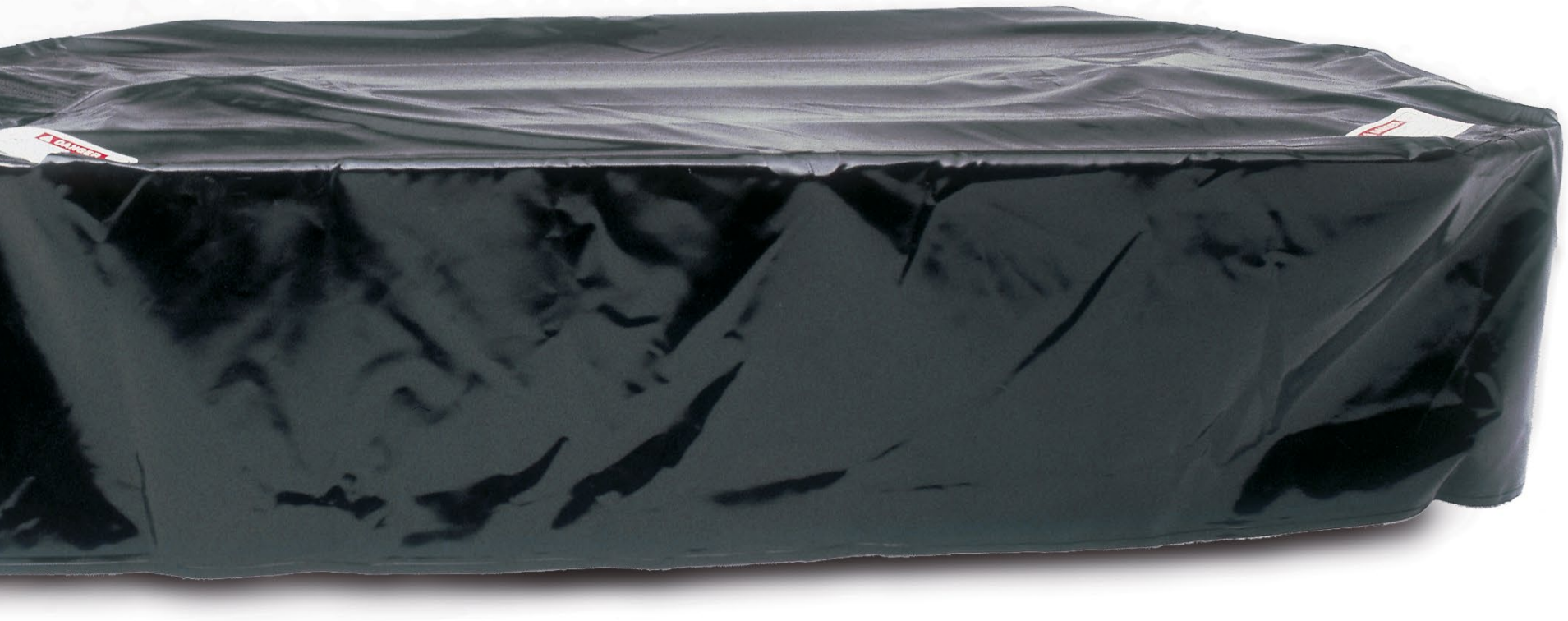
- For farm to field movement, a transport lock provides roading security.
- A single-acting hydraulic cylinder provides lift on the headland without raising the 3-point linkage. The cylinder also provides fold/unfold for transport.

FOLDING CURTAIN

Folding curtain provides complete access to the cutterbar for service and maintenance.

OVAL DISCS

Low profile, oval discs provide a smooth, clean cut with high-speed capability.



CASE
MDX31

MDX ECONOMY MOUNTED ROTARY DISC MOWER SPECIFICATIONS

MODEL	MDX21	MDX31	MDX41
CUTTERBAR			
Cutting Width	5 ft. 6 in. (1 676 mm)	6 ft. 9 in. (2 057 mm)	7 ft. 11 in. (2 413 mm)
Cutting Height	.63 – 2.36 in. (16 – 60 mm)		
Cutter Bar Tilt Angle	0° – -8°	1° – -8°	2° – -8°
Cutter Bar Operating Range	+18° – -30°		
Breakaway Angle	21°		
Type Cutterbar	Enclosed gear drive		
Number of Discs	4	5	6
Knives Per Disc	2 – reversible, swingaway		
Disc Cutting Diameter	20.47 in. (520 mm)		
Disc Drive	Spur gear drive in common sump		
Disc Speed	3,154 rpm		
Cutterbar Shear Protection	None		
Swath Width Standard	50 in. (1 270 mm) includes standard RH swath wheel	65 in. (1 651 mm) includes standard RH swath wheel	79 in. (2 007 mm) includes standard RH swath wheel
DRIVELINE			
Minimum PTO HP Required*	35	40	50
Input Speed	540 rpm		
PTO Shaft Spline and Size Required	6-spline / 1-3/8 in. (35 mm)		
Driveline Protection	Belt drive to cutterbar		
Overrunning Clutch	On PTO shaft		
Belt Tension	Adjustable drawbolt – 0.75 in. deflection		
HYDRAULICS AND HITCH			
Hydraulic Circuits Required	1 remote		
Minimum Relief Pressure Required	2,320 psi (160 bar)		
Hitch	CAT I or II		CAT II
DIMENSIONS AND WEIGHT			
Overall Width	134.25 in. (3 410 mm)	149.21 in. (3 790 mm)	178.35 in. (4 530 mm)
Overall Length	54.33 in. (1 380 mm)		
Height - Transport Position	92.52 in. (2 350 mm)	107.48 in. (2 730 mm)	122.44 in. (3 110 mm)
Shipping Weight	933 lb. (423 kg)	1,016 lb. (461 kg)	1,215 lb. (551 kg)
Operating Weight	822 lb. (373 kg)	905 lb. (411 kg)	1,077 lb. (489 kg)

†Recommended for use with tractors having a fully enclosed cab. *Transport height is based on 19.7-inch (500 mm) hitch-pin height above ground on MDX models

TD103 PULL-TYPE DISC MOWER

1 Model | 10 ft. 5 in. (3.15 m) Cutting Width

PULL-TYPE CONVENIENCE PLUS EASY TRACTOR HOOKUP USING A SIMPLE CLEVIS HITCH.

SUPERIOR PRODUCTIVITY. TRAILING SIMPLICITY.

The Case IH TD103 pull-type disc mower features a smooth ride, clean cut, superior trailing ability and narrow transport width, plus easy tractor hookup using a simple clevis hitch. Side-pull tongue design centers behind tractor for easy road transport. The modular cutterbar design provides superior crop flow that reduces streaking and ensures quick mowing. Individual sealed modules ensure proper lubrication to all cutterbed components.

Standard shock protection system protects key cutterbed components. Discs are protected from internal gear damage by an easily serviced drive hub.

Both left and right cutterbar shields are hinged for easy service access and narrow transport.

Cut crop is directed into a wide swath inside the tire path by the crop deflector shields located behind each end of the cutterbar. End discs co-rotate and provide a narrower swath of 95 in. (2.4 m).

FLOTATION.

- A large diameter adjustable rear spring is attached to the mainframe and cutterbar on the rear left hand and right hand sides
- Position of springs provides both vertical and lateral flotation allowing the machine to cut evenly in tough terrain and provide additional cutterbar protection
- Simple nut adjustment at the top of the spring provide the ability to increase or decrease flotation

CUTTERBAR.

The cutterbar on the TD103 mowers utilizes the same modular design and features as the MD3 disc mowers.

- Quick Change Knives
- Modular design
- Shock Hub protection
- 3-Year Cutterbar warranty

TOOLBOX.

For tool and additional cutting parts storage, a removable toolbox is conveniently located.

HITCH.

Hookup and disconnect is quick and easy with a simple clevis hitch. A holding bracket keeps the PTO shaft off the ground for storage and keyhole slots are available for the hydraulic hoses.

CUTTING HEIGHT.

Cutting height is easily adjusted using a turnbuckle located on the right rear of the machine. Consistent cutting height is maintained by closing the locking plate.

EXCEPTIONAL SERVICEABILITY.

- The front curtain and hood conveniently fold up to allow complete access to the cutterbar for service and maintenance
- The right-hand shield lifts to provide access to the right-hand of the cutterbar and overall width reduction for road transport
- The left-hand shield swings open to cutterbar and driveline component access

CASE IH
DANGER

TD103 PULL-TYPE DISC MOWER SPECIFICATIONS

MODEL	TD103
CUTTERBAR	
Cutting Width	10 ft. 4 in. (3.15 m)
Cutting Height	.95–3.2 in. (24–81 mm)
Cutting Height with Optional High-Stubble Shoes	2.25–4.5 in. (58–115 mm)
Type Cutterbar	Modular
Number of Discs/Knives Per Disc	8/2
Disc Speed @ Rated PTO Speed	2,835 rpm
Cutterbar Shear Protection	Std.- Frangible splines in disc drive hub
Cutterbar Flotation	Vertical and lateral, adjustable springs
Swath Width	95 in. (2.4 m)
DRIVELINE	
Input Speed	540 rpm
Driveline Protection	Slip clutch and overrunning clutch assembly @ rear of PTO shaft
TRACTOR REQUIREMENTS	
Min. PTO HP	60
PTO Splines/Diameter	6-Splines/1-3/8 in. (35 mm)
Hydraulic Circuits Required	2
Minimum Relief Pressure Required	1,500 psi (103 bar)
Drawbar Requirements - ASAE	ASAE Category II drawbar
TIRES	
Tubeless Ag Rib Implement Tires	27×9.5-15 6PR
Max. Transport Speed	20 mph (32.2 kph)
DIMENSIONS AND WEIGHT	
Transport Width	10 ft. 10 in. (3.3 m)*
Overall Width	16 ft. 4 in. (4.9 m)
Transport Length	15 ft. 8 in. (4.8 m)
Operating Length	15 ft. 3 in. (4.6 m)
Transport Height	62 in. (1.6 m)
Ground Clearance w/ Header Fully Raised	11 in. (279 mm)
Shipping Weight	3,035 lb. (1 379 kg)
Operating Weight	2,610 lb. (1 186 kg)

*With left-hand barrier folded down and right-hand door folded up.

HAY & FORAGE LINEUP

SELF-PROPELLED WINDROWERS

- Customize your cut with disc, sickle, and draper head options
- Outstanding cab comfort and visibility

MODEL	WD1504	WD2104	WD2504
HP	150	210	250

LARGE SQUARE BALERS

- 31% longer bale chamber (vs previous models) for up to 10% added bale density
- High capacity 48 strokes per minute

MODEL	LB334XL[1]	LB434XL[2]
BALE SIZE	32"×35"	47"×35"
MINIMUM PTO HP	109–136	130–160

[1] Standard, Packer Cutter, or Rotor Cutter [2] Standard, Rotor Cutter

SMALL SQUARE BALERS

- High-capacity, rotary feeder
- Reliable, gear-driven knotters

MODEL	SB521	SB531	SB541	SB541C	SB551
BALE SIZE	14"×18"	14"×18"	14"×18"	14"×18"	16"×18"
MINIMUM PTO HP	35	62	75	75	80

ROUND BALERS

- Available Endless Belts with 3 Year/15,000 bale warranty
- Roll and belt bale formation combination creates highly dense bales

MODEL	RB455[1]	RB465[1]	RB565[2]
BALE DIAMETER	36"–60"	36"–72"	36"–72"
MINIMUM PTO HP	60–100	70–105	85

[1] Hay, Silage, Rotor Cutter, Rotor Feeder [2] Wide Pickup, Premium, Premium HD

ROUND BALERS – UTILITY

- High quality hay production at an economical price
- Shot-peen hardened, long-life pickup tines

MODEL	RB444	RB455A
BALE DIAMETER	30"–48"	36"–60"
MINIMUM PTO HP	40	40

DISC MOWER CONDITIONERS

- Modular cutterbar with 3-year cutterbar warranty
- Flail, Rubber roll and steel roll conditioner options
- Standard quick change knives

MODEL	DC93	DC103	DC133	DC163
CUTTING WIDTH	9' 2"	10' 4"	13'	16'
MINIMUM PTO HP	65	80	90	100

SICKLEBAR MOWER CONDITIONERS

- Double-heat treated, carbon alloy guards for increased durability
- No tool adjust conditioning roll pressure and windrow formation shields

MODEL	SC101
CUTTING WIDTH	14' 3", 16' 3", 18' 3"
MINIMUM PTO HP	60

PULL-TYPE DISC MOWER

- Modular cutterbar
- 3-year cutterbar warranty

MODEL	TD103
CUTTING WIDTH	10' 4"
MINIMUM PTO HP	60

DISC MOWERS – HEAVY-DUTY MOUNTED

- Modular cutterbar with 3-year cutterbar warranty
- Perform knife maintenance in seconds with standard quick-change knives
- Quick-hitch compatibility for simple hook-up

MODEL	MD73	MD83	MD93
CUTTING WIDTH	6' 8"	7' 10"	9' 2"
MINIMUM PTO HP	45	55	60

DISC MOWERS – ECONOMY MOUNTED

- Ideal for low HP, small-scale mowing
- Thin profile cutterbar for lower cut height

MODEL	MDX21	MDX31	MDX41
CUTTING WIDTH	5' 6"	6' 9"	7' 11"
MINIMUM PTO HP	35	40	50

WHEEL RAKES

- Built to handle high capacities
- Quick, simple adjustments and heavy-duty construction

MODEL	WR102	WR201	WR302	WR401 HD
MAX RAKING WIDTH	24' 6"	20' 4"	31'	30' 3"
NUMBER OF WHEELS	8, 10 or 12	8 or 10	12, 14 or 16	17

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