

DISC MOWERS PULL-TYPE & MOUNTED



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TD102 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 TD102 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).



MODEL	TD102
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 hp (44.76 kW)
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 lbs. (1 379 kg)
Operating Weight	2,610 lbs. (1 186 kg)

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



▲ DANGER
OPERATOR MUST
BE SEATED AND
BELT FASTENED
WHEN THE
MACHINE IS
OPERATED.
DO NOT
OPERATE
MACHINE
IF YOU ARE
UNDER THE
INFLUENCE
OF ALCOHOL,
DRUGS OR
MEDICATION.
DO NOT
OPERATE
MACHINE
IF YOU ARE
TIRED OR
DISTRACTED.
DO NOT
OPERATE
MACHINE
IF YOU ARE
SLEEPY OR
HANGRY.
DO NOT
OPERATE
MACHINE
IF YOU ARE
DRIVING
UNDER
STRESS.
DO NOT
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MACHINE
IF YOU ARE
DRIVING
UNDER
RUSH.
DO NOT
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IF YOU ARE
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HURRY.
DO NOT
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IF YOU ARE
DRIVING
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FRUSTRATION.
DO NOT
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IF YOU ARE
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ANGER.
DO NOT
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SADNESS.
DO NOT
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GRIEF.
DO NOT
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DO NOT
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DO NOT
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DO NOT
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IF YOU ARE
DRIVING
UNDER
SOLITUDE.



MOUNTED ROTARY DISC MOWERS

6 Models | 5-9 ft. (1.7-2.8 m) Cutting Widths

DURABLE CLOSE-COUPLED HITCH DESIGN WITH SPRING-LOADED BREAKAWAY LATCH.

ECONOMY OR HEAVY-DUTY MODELS AVAILABLE TO MATCH YOUR OPERATION.

Getting the most from every cutting requires reliable, high performance tools. MD Disc Mowers swiftly handle most any condition — even wet or downed crops. Case IH MD Disc Mowers deliver with clean cutting performance, maneuverability, durability and overall value.

Case IH offers three economy disc mower models, with cutting widths from 5 ft. 6 in. to 7 ft. 11 in. (1676 to 2413 mm). These three models—the MDX21, MDX31 and the MDX41—can be teamed with lower horsepower tractors and are lighter in weight for hassle-free hookup.

ECONOMY MOUNTED			
MODEL	MDX21	MDX31	MDX41
Cutting Width	5 ft. 6 in. (1.68 m)	6 ft. 9 in. (2.05 m)	7 ft. 11 in. (2.41 m)
Min. PTO HP	35 hp (26.1 kW)	40 hp (29.8 kW)	50 hp (37.3 kW)

HEAVY-DUTY MOUNTED			
MODEL	MD72	MD82	MD92
Cutting Width	6 ft. 8 in. (2.04 m)	7 ft. 10 in. (2.40 m)	9 ft. 2 in. (2.80 m)
Min. PTO HP	45 hp (33.5 kW)	55 hp (40.9 kW)	60 hp (44.7 kW)



MD SERIES DISC MOWERS MAKE EASY WORK OF TOUGH CONDITIONS.

Irregularities in terrain — like ant hills and gopher mounds — and thick, wet grasses are no match for the Case IH design.

CANTILEVERED DESIGN OF THE CANOPY FRAME. ■

Allows for smooth, unobstructed crop flow. The spring-balanced cutterbar allows the mower to glide over uneven terrain smoothly and can be adjusted for all conditions.

MD82 Heavy-Duty Disc Mower Shown.

HEAVY-DUTY, PUNCTURE-RESISTANT CURTAIN. ■

Tilts the crop forward for better crop flow across the cutterbar and a cleaner cut while providing protection for the operator and bystanders.



SPRING-LOADED BREAKAWAY LATCH. ■

Releases to prevent component damage if the disc mower strikes an object during operation. Simply back up the tractor to automatically re-engage the latch.

MODULAR CUTTER BAR DESIGN. ■

Provides superior crop flow that reduces streaking and ensures quick mowing.

The smooth-profile discs lift the crop into the cutting zone for plug-free mowing, providing a consistent swath for more even drying.

CLOSE-COUPLED HITCH DESIGN. ■

Provides maximum ride stability, especially in tight turns and during transport.



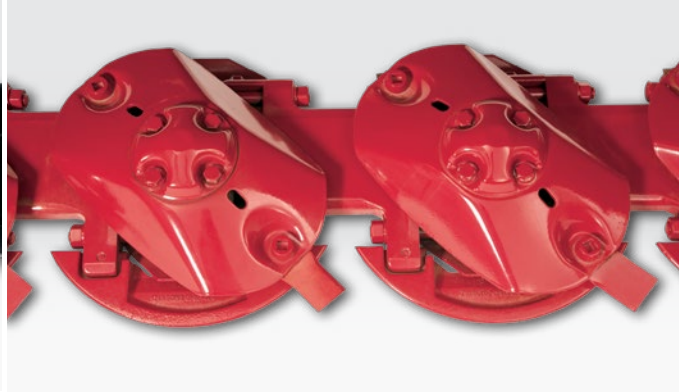
CUTTERBAR TRANSPORT LOCK. ■

Automatically engages for a secure hold. In transport position, the mower becomes a compact package with ride stability and plenty of ground clearance.



PROTECTION IN THE FIELD.

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.



ECONOMY DISC MOWER.

For those growers who cut smaller acreages or don't require a heavy-duty disc mower, Case IH also offers a line of economy disc mowers in widths from 5 ft. 6 in. to 7 ft. 11 in. cut widths. The cutterbar features spur-gear drive and common sump lubrication.

SHOCK PROTECTION SYSTEM.

Shock Protection system is designed to protect the cutterbed from time-robbing, expensive field failures when an obstruction is encountered. At the center of this system is the shock hub. The shock hub "takes the blow" from a rock and protects the internal components of the cutterbed.

Short, independent-splined driveshaft sections that link the modules together can be quickly separated for easy maintenance.

SIMPLE SHOCK HUB REPLACEMENT.

Replacing the shock hub is quick and simple. Individual sealed modules mean contamination is not an issue during replacement since the oil is never exposed. The shock hubs are standard equipment on all heavy-duty models.

MOW WITH CONFIDENCE.

MD and TD mowers are covered with one full-year of base factory warranty, plus two additional years of cutterbar coverage.

MOUNTED DISC MOWER SPECIFICATIONS

	ECONOMY MOUNTED			HEAVY-DUTY MOUNTED		
MODEL	MDX21	MDX31	MDX41	MD72	MD82	MD92
CUTTERBAR						
Cutting Width	5 ft. 6 in. (1676 mm)	6 ft. 9 in. (2057 mm)	7 ft. 11 in. (2413 mm)	6 ft. 8 in. (2040 mm)	7 ft. 10 in. (2400 mm)	9 ft. 2 in. (2800 mm)
Cutting Height	.63–2.36 in. (16–60 mm)			.95–3.25 in. (24–82.5 mm)		
Cutter Bar Tilt Angle	0°–8°	1°–8°	2°–8°	0°–10°		
Cutter Bar Operating Range	+18°–30°			+18°–32°	+18°–30°	+18°–28°
Breakaway Angle	21°			19°		
Type Cutterbar	Enclosed gear drive			Modular		
Number of Discs	4	5	6	5	6	7
Knives Per Disc	2 – reversible, swingaway					
Disc Cutting Diameter	20.47 in. (520 mm)			19.7 in. (500 mm)		
Disc Drive	Spur gear drive in common sump			Bevel gears in sealed modules		
Disc Speed	3,154 rpm			3,000 rpm		
Cutterbar Shear Protection	None			Std.- Frangible splines in disc drive hub		
Swath Width Standard	50 in. (1270 mm) includes standard RH swath wheel	65 in. (1651 mm) includes standard RH swath wheel	79 in. (2007 mm) includes standard RH swath wheel	80 in. (2032 mm)	94 in. (2388 mm)	110 in. (2794 mm)
DRIVELINE						
Minimum PTO HP Required†	35 hp (26.1 kW)	40 hp (29.8 kW)	50 hp (37.3 kW)	45 hp (33.5 kW)	55 hp (40.9 kW)	60 hp (44.7 kW)
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			Spring-loaded tensioner with adjustment gauge		
HYDRAULICS AND HITCH						
Hydraulic Circuits Required	1 remote					
Minimum Relief Pressure Required	2,320 psi (160 bar)			1,500 psi (104 bar)		
Hitch	Category I or II		Category II	Category I or II	Category II	
DIMENSIONS AND WEIGHT						
Overall Width	134.25 in. (3410 mm)	149.21 in. (3790 mm)	178.35 in. (4530 mm)	138.75 in. (3524 mm)	160.25 in. (4070 mm)	181.75 in. (4616 mm)
Overall Length	54.33 in. (1380 mm)			42.5 in. (1080 mm)	50.5 in. (1283 mm)	
Height - Transport Position	92.52 in. (2350 mm)	107.48 in. (2730 mm)	122.44 in. (3110 mm)	98 in. (2489 mm)*	119.5 in. (3035 mm)**	141 in. (3581 mm)**
Shipping Weight	933 lb. (423 kg)	1,016 lb. (461 kg)	1,215 lb. (551 kg)	1,440 lb. (653 kg)	1,610 lb. (730 kg)	1,750 lb. (794 kg)
Operating Weight	822 lb. (373 kg)	905 lb. (411 kg)	1,077 lb. (489 kg)	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 MD72 models

** Transport height is based on 18-inch (457 mm) hitch-pin height above ground on MD82 and MD92 models

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