

CASE II
AGRICULTURE

DISC MOWERS
PULL-TYPE AND MOUNTED



FOR THOSE WHO DEMAND MORE

EVERY DAY, YOU DEMAND MORE. MORE FROM THE LAND. MORE FROM YOURSELF. MORE FROM YOUR EQUIPMENT. SO CASE IH DELIVERS MORE. MORE TIME-SAVING DESIGNS. MORE PRODUCTIVITY-BOOSTING FEATURES. MORE APPROACHABLE AND KNOWLEDGEABLE CASE IH EXPERTS. WE DO ALL THIS TO BETTER SERVE YOU AND THE NEEDS OF YOUR OPERATION.

LET'S FACE IT. GOALS CHANGE. NEEDS CHANGE. THE WORLD CHANGES. BUT THE NUMBER OF HOURS IN THE DAY NEVER DOES. THAT'S WHY WE'VE DEVELOPED A CLEAN-CUTTING, DURABLE LINE OF ROTARY DISC MOWERS WITH THE VERSATILITY TO HANDLE A VARIETY OF CROP, TERRAIN AND WEATHER CONDITIONS FOR EVERY CUTTING — THE NEW PULL-TYPE AND MOUNTED DISC MOWERS. THEY'RE RELIABLE. THEY'RE RUGGED. THEY'RE CASE IH.



PULL-TYPE CONVENIENCE



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.

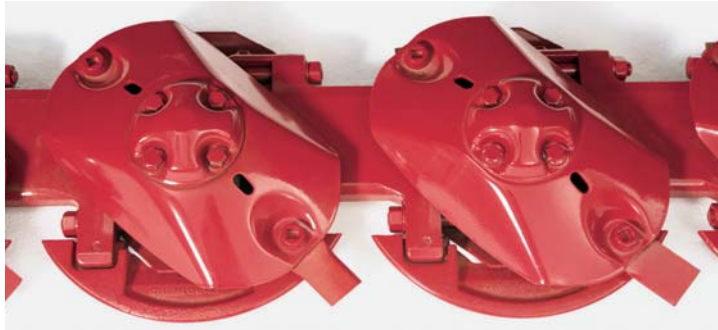
Both left and right cutterbar shields are hinged for easy service access and narrow transport.

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. Swath width of 95 in. (2.4 m).

MODEL	TD102
Cutter Bar	
Cutting width	10 ft. 4 in. (3160 m)
Cutting height	0.95 - 3.2 in. (24 - 81 mm)
Cutting height w/opt. 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	2835 rpm
Cutter bar shear protection	Standard - Frangible splines in disc drive hub
Cutter bar 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	
Minimum PTO power required	60 hp (44.76 kW)
PTO Splines/Diameter	6-Splines/1-3/8 in. (35 mm)
Hydraulic circuits required	2
Minimum relief pressure required	1500 psi (103 bar)
Drawbar requirements - ASAE	ASAE Category II drawbar
Tires	
Tubeless Ag rib implement tires	27x9.5-15 6PR
Max. transport speed	20 mph (32.2 kph)
Dimensions and Weight	
Transport width	10 ft. 10 in. (3.3 m)*
Operating 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)
Operating height	62 in. (1.6 m)
Ground clearance w/header fully raised	11 in. (279 mm)
Shipping weight	3,035 lbs. (1379 kg)
Operating weight	2,610 lbs. (1186 kg)

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

FULL LINE OF MOWING SOLUTIONS.



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

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



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.

▶ 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.



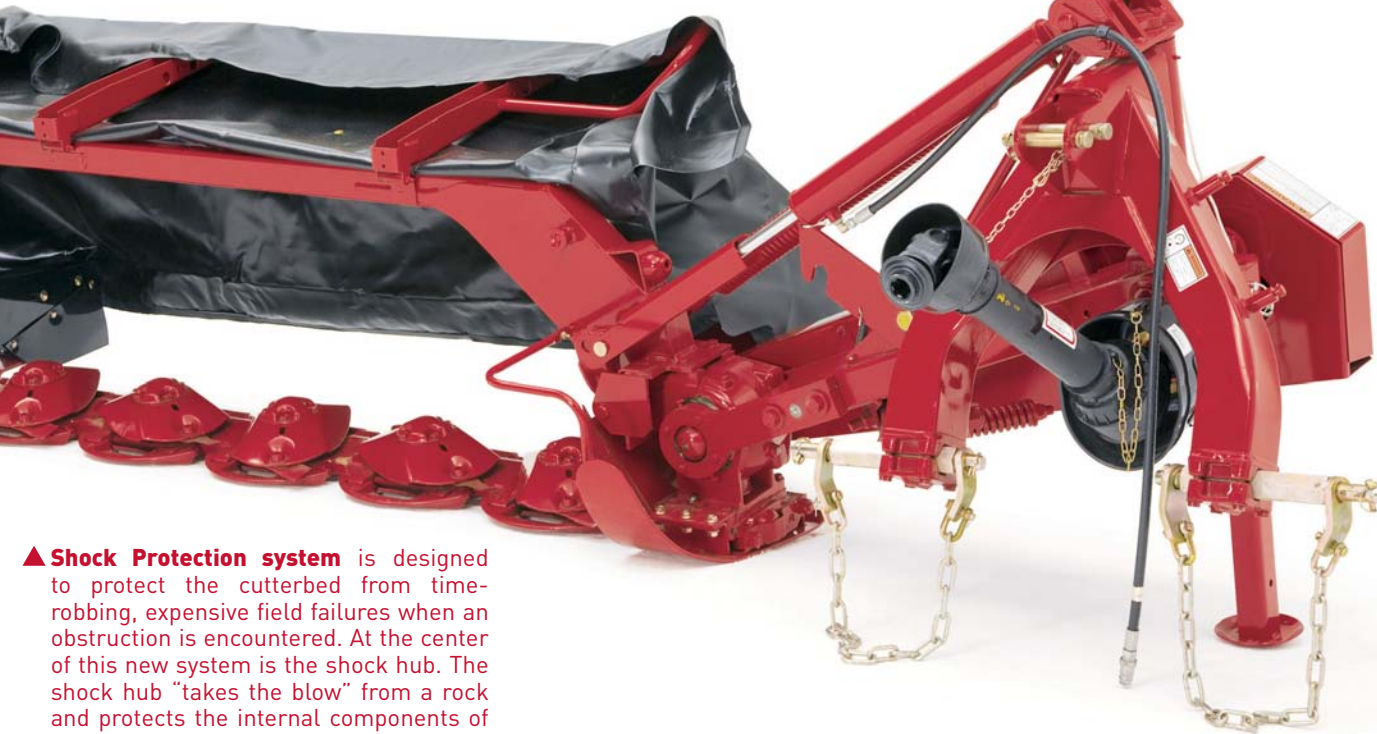
▲ For those growers who cut smaller acreages or don't require a heavy-duty disc mower, Case IH also offers a line of economy disc mowers in widths from 5 ft. 6 in. to 7 ft. 11 in. cut width. The cutterbar features spur-gear drive and common sump lubrication.

MODELS	ECONOMY MOUNTED			HEAVY-DUTY MOUNTED			PULL-TYPE
	MDX21	MDX31	MDX41	MD72	MD82	MD92	TD102
Cutting Width	5 ft. 6 in. (1.67 m)	6 ft. 9 in. (2.05 m)	7 ft. 11 in. (2.41 m)	6 ft. 8 in. (2.04 m)	7 ft. 10 in. (2.40 m)	9 ft. 2 in. (2.80 m)	10 ft. 4 in. (3.15 m)
Min. PTO HP	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)	60 hp (44.7 kW)

DURABILITY AND CONVENIENCE

▼ 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.

▼ The heavy-duty, puncture-resistant curtain tilts the crop forward for better crop flow across the cutter bar and a cleaner cut while providing protection for the operator and bystanders.



▲ **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 new system is the shock hub. The shock hub “takes the blow” from a rock and protects the internal components of the cutterbed.

▲ **Modular cutter bar design** provides superior crop flow that reduces streaking and ensures quick mowing.

▲ 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.



▲ A 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.



OUR SYSTEMS APPROACH

EVERYTHING YOU NEED. ONE EXCEPTIONAL PACKAGE.

CASE IH EMPLOYS A TOTAL SYSTEMS APPROACH, INTEGRATING EQUIPMENT, FINANCING, PARTS AND SERVICE INTO AN EXCEPTIONAL PACKAGE THAT BENEFITS YOU.

Turn to your experienced Case IH specialists when it comes to purchasing the equipment you need for an optimum return on your investment. Highly trained Case IH dealers know how to match the right tractor horsepower and capabilities with your mounted or pull-type disc mower and other implements needed to efficiently complete your farming operations, from row crop applications to livestock work and other chores around the farm.

Your Case IH dealer can provide assistance in selecting the right equipment to meet your operation's productivity and financial goals. The Case IH systems approach helps pair tractors with compatible implements, such as planters, cultivators or mowers, to achieve peak performance from both pieces of equipment. Your dealer will recommend the ideal option package, with proper tires, weighting and ballast, to help your tractor work most efficiently for your specific requirements. Plus, he or she will consult with you in analyzing results, field by field.

You can also rest assured your Case IH equipment will hold its value through trade-in time. Case IH equipment and your dealer's value-added service are the right choices for those who demand more.



CNH CAPITAL FINANCING SOLUTIONS

For those who demand more from a financial services provider, CNH Capital has the right solutions for you. With more than 50 years experience in the agricultural industry, we understand your unique needs and have developed a wide range of financial products and services to support your business.

CNH Capital offers competitive equipment financing with flexible payments that can

be timed to your cash flow. Operating and finance leases are also attractive options that allow you to reduce up-front payments and conserve capital, while benefiting from the latest in equipment technology. For other business financing needs, choose from a variety of credit card programs designed specifically for the agricultural business. CNH Capital can even help you finance crop-input products, land rental.

PARTS AND SERVICE EXPERTISE

You can always count on your Case IH dealer for the professional service and advice necessary to keep your equipment running, season after season.

In addition to helping you find the right product solutions for your operation, your Case IH dealer offers a vast array of parts, services and equipment protection plans—all backed by expert advice and skilled, factory-trained service professionals who can help you before, during and after the sale. Your Case IH dealer carries the complete line of genuine Case IH parts and components, along with full-service maintenance programs and industry-leading warranties that can help keep your equipment running smoothly.

Now Case IH is ready to help your dealer raise customer service to an even higher level with Case IH Max ServiceSM. This new support service is just a phone call away, ready to back up your dealer. Just call your local dealer or 1-877-4CASEIH (1-877-422-7344) and we'll help your dealer meet your request.

Now you can identify the Case IH parts you need online

- Visit www.caseih.com
- Click on Search for Parts under Parts & Service
- Enter your model number or product name
- View a parts list and diagram
- Build a list of the parts you need
- Contact your Case IH dealer to order parts



SPECIFICATIONS

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)	.63-2.36 in. (16-60 mm)	.63-2.36 in. (16-60 mm)	.95-3.25 in. (24-82.5 mm)	.95-3.25 in. (24-82.5 mm)	.95-3.25 in. (24-82.5 mm)
Cutter bar tilt angle	0° to -8°	1° to -8°	2° to -8°	0° to -10°	0° to -10°	0° to -10°
Cutter bar operating range	+18° to -30°	+18° to -30°	+18° to -30°	+18° to -32°	+18° to -30°	+18° to -28°
Breakaway angle	21°	21°	21°	19°	19°	19°
Type cutterbar	Enclosed gear drive	Enclosed gear drive	Enclosed gear drive	Modular	Modular	Modular
Number of discs	4	5	6	5	6	7
Knives per disc	2 – reversible, swingaway	2 – reversible, swingaway	2 – reversible, swingaway	2 – reversible, swingaway	2 – reversible, swingaway	2 – reversible, swingaway
Disc cutting diameter	20.47 in. (520 mm)	20.47 in. (520 mm)	20.47 in. (520 mm)	19.7 in. (500 mm)	19.7 in. (500 mm)	19.7 in. (500 mm)
Disc drive	Spur gear drive in common sump	Spur gear drive in common sump	Spur gear drive in common sump	Bevel gears in sealed modules	Bevel gears in sealed modules	Bevel gears in sealed modules
Disc speed	3,154 RPM	3,154 RPM	3,154 RPM	3,000 RPM	3,000 RPM	3,000 RPM
Cutterbar shear protection	None	None	None	Std.- Frangible splines in disc drive hub	Std.- Frangible splines in disc drive hub	Std.- Frangible splines in disc drive hub
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	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM
PTO shaft spline & size req.	6-spline/1-3/8 in. (35 mm)	6-spline/1-3/8 in. (35 mm)	6-spline/1-3/8 in. (35 mm)	6-spline/1-3/8 in. (35 mm)	6-spline/1-3/8 in. (35 mm)	6-spline/1-3/8 in. (35 mm)
Driveline protection	Belt drive to cutter bar	Belt drive to cutter bar	Belt drive to cutter bar	Belt drive to cutter bar	Belt drive to cutter bar	Belt drive to cutter bar
Overrunning clutch	On PTO shaft	On PTO shaft	On PTO shaft	On PTO shaft	On PTO shaft	On PTO shaft
Belt tension	Adjustable drawbolt – 0.75 in. deflection	Adjustable drawbolt – 0.75 in. deflection	Adjustable drawbolt – 0.75 in. deflection	Spring-loaded tensioner with adjustment gauge	Spring-loaded tensioner with adjustment gauge	Spring-loaded tensioner with adjustment gauge
HYDRAULICS AND HITCH						
Hydraulic circuits required	One remote	One remote	One remote	One remote	One remote	One remote
Minimum relief pressure req.	2,320 psi (160 bar)	2,320 psi (160 bar)	2,320 psi (160 bar)	1,500 psi (104 bar)	1,500 psi (104 bar)	1,500 psi (104 bar)
Hitch	Category I or II	Category I or II	Category II	Category I or II	Category 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)	54.33 in. (1380 mm)	54.33 in. (1380 mm)	42.5 in. (1080 mm)	50.5 in. (1283 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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SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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