

# DC5 SERIES DISC MOWER CONDITIONER



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CASE IH

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# MAKE HIGH-QUALITY HAY IN ANY CONDITION

The new Case IH DC5 series disc mower conditioner builds on the proven reliability and performance of our DC3 series center-pivot disc mower conditioners for fast cutting and high-quality conditioning. We've refined our legendary modular cutterbar to deliver outstanding cut quality even in down crops and later, light cuttings. Plus, all new components for building the ideal windrow and no-tool adjustments make the DC5 series the first choice for haymakers to make the best hay—in even the most challenging conditions.



## CENTER-PIVOT PERFORMANCE

- Provides outstanding productivity by being **more maneuverable in odd-shaped fields** with better obstacle performance.
- Allows the operator to choose the mowing pattern best suited for the field.
- **New smaller cutting widths** provide the flexibility to use lower horsepower tractors, get through narrower gates and travel safely down narrow or busy roadways.



## SUPERIOR CUT QUALITY

- Our proven modular cutterbar is **enhanced with new, longer knives**, a redesigned rock guard and shock hub profile.
- **More area for crop engagement** leads to superior cut quality for the cleanest fields possible.



## CROP CONTROL

- **A new, longer swathgate** features adjustable spreading wedges and fins to provide superior crop control and to dial in the desired windrow.
  - Narrow for chopping or wide and thin for quick dry down
- **New, taller windrow forming shields** provide smooth windrow edges with less bunching.

### TRULY MODULAR CUTTERBAR

- The **modular cutterbar features individual gearboxes** instead of one spur gear, oil bath-style gearbox. There is no free-flowing oil between each module.
- Each module is **protected by a shock hub** that can easily be changed after a collision from a rock or other surprises found in the field.

### SUPERIOR CONDITIONING

- The DC5 **conditioning system is significantly wider** than our leading competitors.
  - This allows the crop to **move from the cutterbar directly into the rolls or flails** and not be funneled in from the ends
  - The result is a thin crop mat for even, thorough conditioning
- The wider conditioning system allows the crop to be spread wide for **enhanced dry down**, providing superior feed quality.
- Choose between rubber or steel rolls, or flail conditioners.

### NO-TOOL ADJUSTMENTS

- Crop conditions change from the first cutting to the last and sometimes from field to field. With the **ability to easily make adjustments**, you are on your way to **making better hay with less downtime**.
- Most DC5 **adjustments can be performed quickly and conveniently** without the need for tools, including:
  - Cutting height
  - Windrow forming shields
  - Conditioning roll pressure
  - Swathgate fins
  - Swathgate
- Roll gap and header flotation are easily adjusted with one wrench.
- To quickly change or flip knives, all Case IH mower conditioners are equipped with **quick-change knives**. Simply use the provided tool, no wrenches necessary.



MODEL	DC105	DC125	DC135	DC165
CUTTERBAR				
Cutting Width / Cutting Height	3,072 mm (10 ft. 1 in.) / 12 – 65 mm (0.5 – 2.6 in.)	3,537 mm (11 ft. 7 in.) / 12 – 65 mm (0.5 – 2.6 in.)	3,985 mm (13 ft. 1 in.) / 12 – 65 mm (0.5 – 2.6 in.)	5,006 mm (16 ft. 5 in.) / 12 – 65 mm (0.5 – 2.6 in.)
Cutting Height w/opt. High-stubble Shoes	71 – 134 mm (2.8 – 5.3 in.)			
Cutting Height w/opt. Adjustable Shoes	12 – 143 mm (0.5 – 5.6 in.)			
Cutter Bar Tilt Angle	2 – 10 degrees			
Number of Discs / Knives per disc	6 / 2	7 / 2	8 / 2	10 / 2
Knife Length / Angle	4.95 in. (126 mm) / 12 degrees			
Disc Speed @ 1,000 rpm PTO Speed	2,250 rpm			
Knife Tip Speed @ 1,000 rpm PTO Speed	270 kph (168 mph)			
Cutter Bar Shear Protection	Standard - Frangible splines in disc drive hub			
ROLL CONDITIONING				
Type	Chevron intermeshing molded rubber	Chevron intermeshing molded rubber, or chevron intermeshing steel rolls		
Length	2,286 mm (90 in.)	2,591 mm (102 in.)	3,175 mm (125 in.)	
Diameter	2× 264 mm			
Speed	640 rpm from factory 760 rpm with drive/driven roll swap	760 rpm from factory 640 rpm with drive/driven roll swap		
Conditioning Roll Tension Adjustment	Single crank, torsion bar roll pressure			
Conditioner Roll Gap Adjustment	Adjustable drawbolt, each end			
Conditioner Roll Timing Adjustment	Slotted holes on upper roll drive sprocket			
FLAIL CONDITIONING				
Type	Flail Rotor w/90 tapered flails	Flail Rotor w/100 tapered flails	Flail Rotor w/120 tapered flails	N/A
Length ft in (mm)	90 in. (2,286 mm)	102 in. (2,591 mm)	125 in. (3,175 mm)	N/A
Diameter	1×22 in. (560 mm) flail rotor			N/A
Rotor Speed (Standard/Optional)	1,042 / 752 rpm			N/A
Conditioner Adjustment	Single crank adjustment of rotor hood			N/A
SWATH / WINDROW FORMATION				
Min-Max Swath Width	6 ft. (1.8 m)	7 ft. (2.1 m)	10 ft. (3.0 m)	
Min-Max Windrow Width	3 – 6 ft. (.91 – 1.8 m)	3 – 7 ft. (.91 – 2.1 m)	3 – 8 ft. (.9 - 2.4 m)	
Windrow Width Adjustments	Horizontal swathgate with adjustable fins Vertical Windrow forming shields			
DRIVELINE				
Input Speed	540 rpm or 1,000 rpm	1,000 rpm		
Driveline Protection	Slip Clutch and Overrunning Clutch Assembly @ rear of PTO shaft			
TRACTOR REQUIREMENTS				
Minimum PTO Power Required	80 HP	85 HP	90 HP	100 HP
PTO Shaft Spline / Size Requirements	540 rpm - 6-spline / 1.375 in. (3.5 cm) or 1,000 rpm - 21-spline / 1.375 in.	1,000 rpm - 21-spline / 1.375 in. (3.75 cm)		
Hydraulic Circuits Required	Two Hydraulic Circuits Required: 1 Double Acting - Operate Swing Circuit, 1 Single Acting - Operate Raise/Lower Circuit on Roll Conditioning Units or 1 Double Acting - Operate Raise/Lower Circuit on Flail Conditioning Units			
Drawbar / 3-pt Hitch	ASAE Cat. 2 or 3 drawbar (90 mm max drawbar width) / Cat. 2 or 3 3-pt hitch			
TIRES				
Ag Rib Implement Tires	12.5L × 15 8PR			
DIMENSIONS AND WEIGHT				
Transport Width	3,072 mm (10 ft. 1 in.)	3,537 mm (11 ft. 7 in.)	3,985 mm (13 ft. 1 in.)	5,006 mm (16 ft. 5 in.)
Transport Length (2-pt Swivel / Drawbar Swivel Hitch)	7.2 m (23 ft. 7in.) / 6.9 m (22 ft. 8in.)	8.4 m (27 ft. 5 in.) / 8.1 m (26 ft. 5 in)	8.4 m (27 ft. 5 in.) / 8.1 m (26 ft. 5 in)	9.7 m (32 ft. 0 in.) / 9.4 m (31 ft.)
Operating Height	2.01 m (6 ft. 7 in.)			
Vertical Weight on Drawbar / 3-pt Lower Links	721 kg (1,590 lb.)	619 kg (1,365 lb.)	712 kg (1,570 lb.)	669 kg (1,475 lb.)
Operating Weight (Rubber / Steel / Flail Conditioning)	2,613 kg (5,760 lb.) / N/A / 2,567 kg (5,660 lb.)	2,667 kg (5,880 lb.) / 2,712 lb (5,980 kg) / 2,613 kg (5,760 lb.)	2,837 kg (6,255 lb.) / 2,930 kg (6,460 lb.) / 2,788 kg (6,147 lb.)	3,166 kg (6,980 lb.) / 3,211 kg (7,080 lb.) / N/A