

1380 SERIES DISC MOWER CONDITIONER
SPECIFICATIONS

Challenger



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CHALLENGER 1380 SERIES DISC MOWER CONDITIONERS. COMMERCIAL STRENGTH. RAZOR SHARP.



It's everything you want from a commercial mower: robust reliability, quality hay – and a faster finish. The secret of the Challenger 1380 Series lies in unique design features like its clean-cutting RazorBar™ cutter bar and distinctive hydraulically tensioned conditioner rolls. Together, these exclusive features produce the high quality hay you're looking for in record time.

CUT IT CLOSE

Want self-propelled cut quality without the windrower cost? Get it with the 1380 Series. Its RazorBar cutter bar spur gear design has a thinner profile for more precise cutting with less scalping. Plus each gear assembly and adjacent idler gear can be individually removed for faster, easier maintenance.

CRIMP, DON'T CRUSH

Industry-exclusive hydraulic roll conditioning delivers consistent quality hay. Steel-on-steel or rubber-on-steel conditioner rolls crimp the crop every 1" to 3" without crushing nutrient-filled leaves. Crimping breaks open the stem for faster drying while preserving leaf quality. Plus a herringbone design feeds and conditions material more evenly. The result is a top-quality, high-protein crop that's more palatable (and more valuable).

KEEP IT FLOWING

The 1380's Turbulence Reduction Roll not only helps feed the crop to the conditioner rolls, it creates an area for air to escape between conditioner rolls and cutterbar. This innovative feature prevents the crop from blowing down before it's cut, leading to a more effective cut—and Relative Feed Value.

HIGH UPTIME, LOW MAINTENANCE

The Heavy Duty Rear Arch frame provides exceptional support and header lift of 18" for better clearance over headland windrows, as well as ditches and waterways. Everything about this rugged, high capacity mower series is designed to give commercial operators reliable, trouble-free haying performance season after season.



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MODEL	1383	1386
DIMENSIONS & WEIGHTS		
Width, overall	159 in. (4,037 mm)	195 in. (4,963 mm)
Tread width	143 in. (3,625 mm)	
Length, overall	25 ft. 4 in. (7,724 mm)	30 ft. 1 in. (9,172 mm)
Weight, with tongue	6,660 lbs. (3,021 kg)	8,150 lbs. (3,697 kg)
Tongue weight (approx.)	1,495 lbs. (678 kg)	2,000 lbs. (907 kg)
HEADER SPECIFICATIONS		
Header lift height	18 in. (457 mm)	18 in. (457 mm)
Header flotation	radial and vertical with adjustable coil springs	
Header tilt	hydraulically adjustable from cab, mechanical stop to set maximum tilt	
Header tilt angle	0 to 6 degrees	
CUTTERBAR SPECIFICATIONS		
Cutting width	13 ft. (3,969 mm)	16 ft. (4,895 mm)
Cutting height	1.25 to 3.0 in. (32 to 76 mm)	
Number of discs	8	10
Knives	Swing away, reversible	
Number of knives (2 /disc)	16	20
Knife circle diameter	24.49 in. (622 mm)	
Disc speed	2,450 rpm	
Tip speed	178 mi/hr (287 km/hr)	
Cutterbed design	Modular spur gears	
WINDROW WIDTH (VARIES WITH CONDITIONS)		
Maximum	96 in. (2,438 mm)	
Minimum	40 in. (1,016 mm)	
DRIVE SYSTEM SPECIFICATIONS		
Power take-off speed	1,000 rpm only	
Drive protection	slip clutch with overrunning clutch	
Header drive belt	2B banded belt	
TRACTOR SPECIFICATIONS		
Power take-off (PTO) horsepower, minimum	100 hp (75 kW)	120 hp (89 kW)
PTO speed	1,000 rev/min	
PTO shaft type	1-3/8, 21 spline	
Hydraulics	two remote valves	
3-point hitch	category II, III, or III-N three point	
Minimum weight	8,500 lbs. (3,856 kg)	11,500 lbs. (5,217 kg)



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