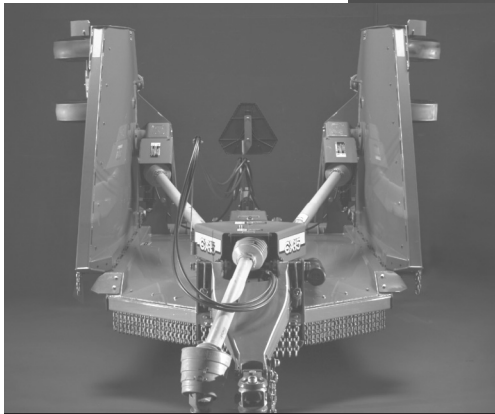
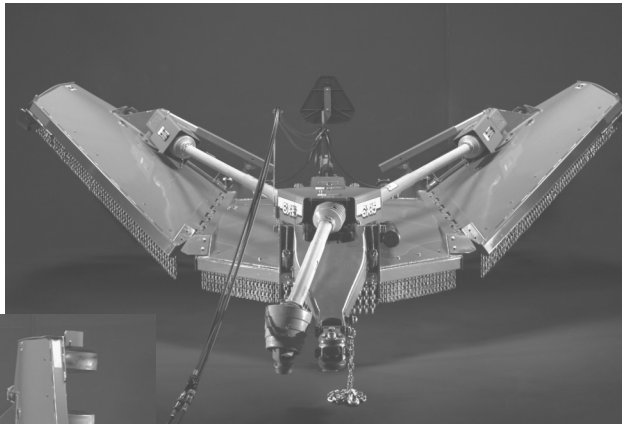


HX15, CX15, HX20, CX20 HEAVY-DUTY FLEX-WING ROTARY CUTTERS



WARNING!

SAFETY CHAIN SHIELDING IS AVAILABLE FOR ALL CUTTERS.

Because of the possibility of injury or damage from thrown objects, improperly used rotary cutters are potentially dangerous. Optional Front and Safety Shielding is strongly recommended for deflecting objects when cutters are used in a populated area or when additional safety precautions are needed. (Refer to Operator's Manual for owner's responsibility and detailed safety procedures.)

FEATURES

The HX15, CX15, HX20 and CX20 are 15-ft. and 20-ft., 3-section flex-wing rotary cutters suited for applications ranging from pasture maintenance and/or crop shredding to intensive, high-hour, commercial roadside mowing.

THE HEAVY-DUTY HX15 AND HX20 ARE MEANT FOR:

- Farmers and ranchers with large-acreage pasture maintenance.
- Private, commercial or governmental grass maintenance averaging approximately 300 hours of annual usage for 10 years (i.e., 3,000-hour machine life expectancy).
- The HX20 is also available as 13.5-ft. flex-wing rotary cutter with a 6-in. blade overlap by ordering as a 2-section flex wing with weight box on the left side.

THE COMMERCIAL-DUTY CX15 AND CX20 ARE MEANT FOR:

- Farmers and ranchers with very large-acreage pasture maintenance and/or typically very hard and very rough ground.
- Private, commercial or governmental grass maintenance averaging approximately 500 hours of annual usage for 10 years (i.e., 5,000 hour machine life expectancy).
- The CX15 is also available as 10-ft., 2-section flex-wing rotary cutter with a 6-in. blade overlap and the CX20 as 13.5-ft., 2-section flex wing by ordering with a weight box in place of the left wing.
- Tractor with a minimum of 55 horsepower (41 kW) is required to operate HX15 and CX15 Rotary Cutters. Drawbar must have minimum of 1,960 lb. static load rating for HX15 and 2,115 lb. (960 kg) static load rating for CX15. Tractor with a minimum of 75 horsepower (56 kW) is required to operate HX20 and CX20 Rotary Cutters. Drawbar must have minimum of 2,640 lb. (12 KN) static load rating.

COMPATIBILITY CHART

HX15 & CX15	5325 and larger
HX20 & CX20	6403 and larger

SPECIFICATIONS

	HX15	CX15
Capacity:		
Cutting Width	15 ft. (4572 mm)	15 ft. (4572 mm)
Cutting Height and Transporting Clearance	1 to 16 in. (25 to 406 mm) for clearance while going over terraces	1 to 16 in. (25 to 406 mm) for clearance while going over terraces
Cutting Capacity (Diameter)	3 in. (76 mm)	4 in. (102-plus mm)
Cutting Chamber Depth	10.5 in. (267 mm)	10.5 in. (267 mm)
Tractor Compatibility:		
Tractor PTO Horsepower Range	55 plus	55 plus
Tractor PTO	540 or 1000	540 or 1000
Static Vertical Drawbar Load Rating	1,960 lb. (890 kg)	2,115 lb. (960 kg)
Hitch:		
Hitch Type and Category	Pull-type with standard self-level hitch clevis	Pull-type with ball-type self-level hitch clevis for easy hookup and long, trouble-free operating life of clevis and tractor drawbar
Hitch Width	22.5 in. (570 mm) for tight turn capability	22.5 in. (570 mm) for tight turn capability
Jackstand	Stays vertical while raising and lowering	Stays vertical while raising and lowering
Dimensions:		
Transport Width	110 in. (2800 mm) at wing wheels	110 in. (2800 mm) at wing wheels
Transport Height	80 in. (2030 mm)	80 in. (2030 mm)
Overall Width	183 in. (4726 mm)	183 in. (4726 mm)
Overall Length	194 in. (4932 mm)	194 in. (4932 mm)
Deck Shape	Easy-to-clean, dome-shaped top deck "Double Decker" design for superior strength and attractive appearance, deck dents don't show	
Deck Thickness:		
Upper	0.118 in. (11 gauge) (3.0 mm)	0.138 in. (10 gauge) (3.5 mm)
Lower	0.138 in. (10 gauge) (3.5 mm)	0.177 in. (7 gauge) (4.5 mm)
Skirt Thickness	0.25 in. (6 mm)	0.25 in. (6 mm)
Hinges	Intermittent, greaseable, steel forgings	Continuous, greaseable, steel forgings for a lifetime of trouble-free use
Hinge Pin	1 in. diameter full length	1 in. diameter full length
Approximate Weight	5,250 lb. (2386 kg)	5,650 lb. (2568 kg)
Drivelines:		
Driveline Size:		
Main	Constant-velocity Category 5 tubular telescoping profiles	Constant-velocity Category 5 splined telescoping profiles*
Connecting	Category 5 tubular telescoping profiles	Category 5 splined telescoping profiles*
Driveline Protection:		
Main	No-seize self-adjusting slip clutches	No-seize self-adjusting slip clutches
Connecting	No-seize self-adjusting slip clutches	No-seize self-adjusting slip clutches
Gearcases:		
Number	4	4
Gearcase Horsepower Rating:		
Transfer	210 hp (peak) 160 hp (continuous)	240 hp (peak) 160 hp (continuous)
Center	150 hp (peak) 120 hp (continuous)	160 hp (peak) 120 hp (continuous)
Outer	150 hp (peak) 120 hp (continuous)	160 hp (peak) 120 hp (continuous)
Blades:		
Thickness x Width x Length	½x4x19.75-in. (13x102x502 mm) resist bending better	
Blade Type	Suction or dual	Suction or dual
Blade Overlap	6 in. (152 mm)	6 in. (152 mm)
Blade Rotation	From left to right, CW, CCW, CCW to cut wheel track material	
540 rpm Blade Tip Speed	15,586 ft./min. (79.2 m/s)	15,586 ft./min. (79.2 m/s)
1000 rpm Blade Tip Speed	15,837 ft./min. (80.5 m/s)	15,837 ft./min. (80.5 m/s)
Material Flow System	Smooth, obstruction-free "Max Flow" cutting chamber for	a clean cut and no windrows
Blade Holder, Diameter	37.0-in. (945 mm) center/26.4-in. (670 mm) wing; bar or stump jumper for protection of blades and carrier against obstruction damage	37.0-in. (945 mm) center/26.4-in. (670 mm) wing; bar or stump jumper and standard deck rings for maximum protection of blades and blade carrier against obstruction damage
Hydraulics:		
Wing Lift	Standard, includes spring-assist unfolding	Standard, includes spring-assist unfolding
Wing Flex	90 degrees up, 22 degrees down	90 degrees up, 22 degrees down
Wheels:		
Type	4-bolt 21x5.25x9 laminated or 24x8x14, 20PR severe-duty Ag Tire	5-bolt 21x5.25x9 laminated or 26x9x14.5, 24PR severe-duty Ag Tire
Suspension	Spring suspension on all 4 wheel standards	"Ground Control" suspension with air springs and shock absorbers on all 4 wheel standards for better durability of axles and axle-to-frame interface
Row Width Adjustable	Yes for most row spacings	Yes for most row spacings
Wing Leveling Adjustment	Easy-adjust turnbuckle with bearing	Easy-adjust turnbuckle with bearing
Shielding:		
Front	Chain, double-row chain, or rubber protected behind front frame	
Rear	Chain, double-row chain, or rubber	
Gearcase Warranty	3 years	3 years

* Splined profiles telescope easier under load and provide longer life.

SPECIFICATIONS

	HX20	CX20
Capacity:		
Cutting Width	20 ft. (6096 mm)	20 ft. (6096 mm)
Cutting Height and Transporting Clearance	1 to 16 in. (25 to 406 mm) for clearance while going over terraces	1 to 16 in. (25 to 406 mm) for clearance while going over terraces
Cutting Capacity (Diameter)	3 in. (76 mm)	4 in. (102-plus mm)
Cutting Chamber Depth	10.5 in. (267 mm)	10.5 in. (267 mm)
Tractor Compatibility:		
Tractor PTO Horsepower Range	75 plus	75 plus
Tractor PTO	540 or 1000	540 or 1000
Static Vertical Drawbar Load Rating	2,560 lb. (1165 kN)	2,640 lb. (1200 kN)
Hitch:		
Hitch Type and Category	Pull-type with standard self-level hitch clevis	Pull-type with ball-type self-level hitch clevis for easy hookup and long, trouble-free operating life of clevis and tractor drawbar
Hitch Width	22.5-in. (570 mm) for tight turn capability	22.5-in. (570 mm) for tight turn capability
Jackstand	Stays vertical while raising and lowering	Stays vertical while raising and lowering
Dimensions:		
Transport Width	134 in. (3400 mm) at wing wheels	134 in. (3400 mm) at wing wheels
Transport Height	106 in. (2690 mm)	106 in. (2690 mm)
Overall Width	246 in. (6250 mm)	246 in. (6250 mm)
Overall Length	227 in. (5760 mm)	227 in. (5760 mm)
Deck Shape	Easy-to-clean, dome-shaped top deck "Double Decker" design for superior strength and attractive appearance, deck dents don't show	
Deck Thickness:		
Upper	0.118 in. (11 gauge) (3.0 mm)	0.138 in. (10 gauge) (3.5 mm)
Lower	0.138 in. (10 gauge) (3.5 mm)	0.138 in. (10 gauge) (3.5 mm)
Skirt Thickness	0.25 in. (6 mm)	0.25 in. (6 mm)
Hinges	Intermittent, greaseable, steel forgings	Continuous, greaseable, steel forgings for a lifetime of trouble-free use
Hinge Pin	1 in. diameter full length	1 in. diameter full length
Approximate Weight	6,710 lb. (3050 kg)	7,350 lb. (3350 kg)
Drivelines:		
Driveline Size:		
Main	Constant-velocity Category 5 tubular telescoping profiles	Constant-velocity Category 5 splined telescoping profiles*
Connecting	Category 5 tubular telescoping profiles	Category 5 splined telescoping profiles*
Driveline Protection:		
Main	No-seize self-adjusting slip clutches	No-seize self-adjusting slip clutches
Connecting	No-seize self-adjusting slip clutches	No-seize self-adjusting slip clutches
Gearcases:		
Number	4	4
Gearcase Horsepower Rating:		
Transfer	210 hp (peak) 160 hp (continuous)	250 hp (peak) 160 hp (continuous)
Center	150 hp (peak) 120 hp (continuous)	160 hp (peak) 120 hp (continuous)
Outer	150 hp (peak) 120 hp (continuous)	160 hp (peak) 120 hp (continuous)
Blades:		
Thickness x Width x Length	½×4×26.5-in. (13×102×670 mm) resist bending better	½×4×26.5-in. (13×102×670 mm) resist bending better
Blade Type	Suction or dual	Suction or dual
Blade Overlap	6 in. (152 mm)	6 in. (152 mm)
Blade Rotation	From left to right, CW, CCW, CCW to cut wheel track material	From left to right, CW, CCW, CCW to cut wheel track material
540 rpm blade Tip Speed	16,087 ft./min. (81.7 m/s)	16,087 ft./min. (81.7 m/s)
1000 rpm Blade Tip Speed	16,346 ft./min. (83 m/s)	16,346 ft./min. (83 m/s)
Material Flow System	Smooth, obstruction-free "Max Flow" cutting chamber for a clean cut and no windrows	
Blade Holder, Diameter	31.7-in. (805 mm) bar or stump jumper for protection of blades and carrier against obstruction damage and standard deck rings	31.7-in. (805) bar or stump jumper for maximum protection of blades and blade carrier against obstruction damage
Hydraulics:		
Wing Lift	Standard, includes spring-assist unfolding	Standard, includes spring-assist unfolding
Wing Flex	90 degrees up, 22 degrees down	90 degrees up, 22 degrees down
Wheels:		
Type	4-bolt 21×5.25×9 laminated or 24×8×14-20PR Severe-duty Ag Tire	5-bolt 21×5.25×9 laminated or 26×9×14.5-24 PR Severe-duty Ag Tire
Suspension	Spring suspension on all 4 wheel standards	"Ground Control" suspension with air springs and shock absorbers on all 4 wheel standards for better durability of axles and axle-to-frame interface
Row Width Adjustable	Yes for most row spacings	Yes for most row spacings
Wing Leveling Adjustment	Easy-adjust turnbuckle with bearing	Easy-adjust turnbuckle with bearing
Shielding:		
Front	Chain, double-row chain, or rubber protected behind front frame	Chain, double-row chain, or rubber protected behind front frame
Rear	Chain, double-row chain, or rubber	Chain, double-row chain, or rubber
Gearcase Warranty	3 years	3 years

* Splined profiles telescope easier under load and provide longer life.

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