

FX-315/310 Specifications

SCHULTE®

FX-315 / FX-310 Rotary Cutter

SPECIFICATIONS

	FX-315	FX-310
Cutting Width	180" (4.57 m)	126" (3.20 m)
Overall Width	190" (4.83 m)	137" (3.50 m)
Overall Length	198" (5.03 m)	198" (5.03 m)
Transport Width	99" (2.52 m)	92" (2.34 m)
Transport Height	84" (2.13 m)	84" (2.13 m)
Deck Thickness	7GA (3/16", 4.6mm)	7GA (3/16", 4.6mm)
Weight (Depending on configuration)	5665 lbs	5060 lbs
Hitch Weight (Depending on configuration)	2120 lbs	1900 lbs
Minimum Tractor HP	65 HP (49 kW)	50 HP (37 kW)
Recommended Tractor HP	85 HP (63 kW)	75 HP (56 kW)
Cutting Height (Depending on configuration)	5/8" to 17.5"	5/8" to 17.5"
Ground Clearance	16.75" (42.5mm)	16.75" (42.5mm)
Cutting Capacity	3.5" (89mm)	3.5" (89mm)
Blade Overlap	6.5" (165mm)	6.5" (165mm)
Divider Gearbox Rating	260HP (194kw)	260HP (194kw)
Center Gearbox Rating	190 HP (142 kw)	190 HP (142 kw)
Blade Tip Speed	540 rpm	540 rpm
Center	15980 ft/min (4871 m/min)	15980 ft/min (4871 m/min)
Wing	15459 ft/min (4711 m/min)	15459 ft/min (4711 m/min)
Blade Tip Speed	1000 rpm	1000 rpm
Center	15974 ft/min (4869 m/min)	15974 ft/min (4869 m/min)
Wing	15708 ft/min (4788 m/min)	15708 ft/min (4788 m/min)
Wing Working Range	25° down to 103° up	25° down to 103° up
Wing Floating Range	25° down to 40° up	25° down to 40° up
Perimeter Tubing	(2 1/2" x 2 1/2" x 3/16")	(2 1/2" x 2 1/2" x 1/4") (3" x 2" x 3/16")

FX315 / FX310 OPTIONS

The FX-315 can be equipped with Forklift, Aircraft, Laminate and Turf tires. For safety purposes we have optional double chains front and rear, full belting front and rear or a combination there of. The left wing can be replaced on the FX-315 with a side skirt and weights to create the FX-310. The optional 540 rpm Equal Angle Hitch allows for extremely tight turns while eliminating the need for a CV driveline.



FX-310 Shown Above



Ultra narrow transport width



Stump jumper pan unit shown above

- 1 The new Residue Distribution Tailboard ensures maximum distribution while maintaining a safe working environment.
- 2 Heavy duty drive package includes 260hp splitter box and 190hp right angle boxes. The splitter has 1 3/4" 20 spline input and output shafts, the down boxes have 1 3/4" 20 spine input shafts and 2 3/8" down shafts.
- 3 Single domed, sweep clean deck design eliminates excess weight over competitive double deck designs, reduces build up of debris and prevents rust from moisture. Rugged 7 gauge metal interlocks to form unmatched deck strength.
- 4 Variable Position Shrouding allows you to change your material flow underneath your cutter to maximize shredding and distribution.
- 5 New patent pending replaceable deck ring.
- 6 The Speed Leveling system minimizes setup and switch over time for front to back leveling for different draw bar heights from tractor to tractor.
- 7 Extremely Narrow Transport width of 99" on the FX-315 and 92" on the FX-310.
- 8 A 13 3/8" frame depth & increased blade tip speeds results in superior cutting and flow material.

SCHULTE

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ALWAYS ON THE CUTTING EDGE.

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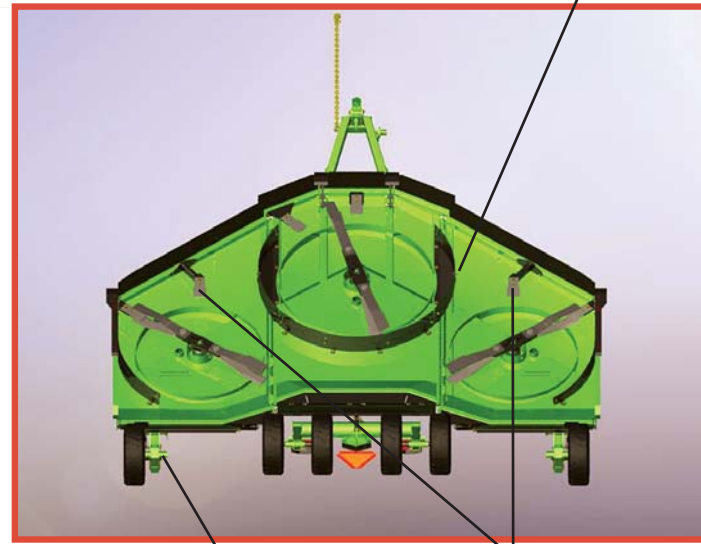
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Features

Heavy Duty Driveline Package

Hollow Structural Perimeter Tubing

Variable Position Shrouding



Residue Distribution Tailboard

Single 7ga domed deck

Bolt-in Spindles

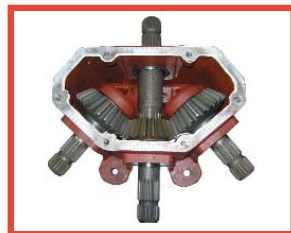
Fixed Knife System

Driveline System The drivelines on the FX-315 are from Bondioli's elite SFT driveline series which sets the industry standard for safety, performance and features. This is a low maintenance driveline which means less servicing time and more cutting time. The drivelines on the cutter are Category 5, the 1000rpm input shaft is Category 5 and the 540 rpm input shaft is a Category 6.

Bondioli's low maintenance 80 degree CV allows for extremely tight turn while still maintaining smooth power transfer. The self adjusting clutches keeps your drivelines safe and are extremely easy to maintain. The SFT plastic shields provide excellent safety 360 degrees while still making it extremely easy to access the driveline underneath for service purposes.



190hp Right Angle Gearboxes Heavy Duty 1 3/4" Input Shafts. 2 3/8" Tapered and Splined Down Shafts. Five year limited gearbox warranty.

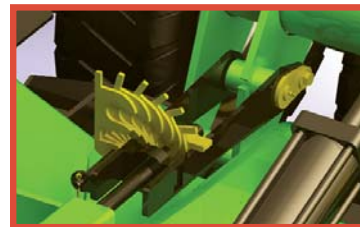


250 HP Splitter Box with 1 3/4" splined shafts for maximum strength.



Forward Mounted Slip Clutches

Bolt in Spindles Extremely strong and durable 517 hubs & bolt in spindles on this cutter to tackle any type of terrain.



Speed Levelling System



Centre Suspension



Pentagon Blade Bolt Exclusive Pentagon Blade bolt with C1045 replaceable bushings, provides maximum anti rotational resistance & a lower stress combination ensuring years of trouble free use! Available on stump jumper pan unit only.

Features

The new FX-315 is the ultimate 15 foot rotary cutter when it comes to distribution and performance. A new patent pending Residue Distribution Tailboard and Variable Position Shrouding allow you to adjust your FX-315's distribution capabilities to fit any material or cutting condition. The Residue Distribution Tailboard is adjustable so you can open it up or close it off depending upon what your requirements are. The Variable Position Shrouding allows you to change you material flow underneath your cutter to maximize shredding or distribution.

The entire perimeter of this cutter is constructed of square and rectangular tubing (21/2" x 21/2" x 3/16") (21/2" x 21/2" x 1/4") (3" x 2" x 3/16") which is extremely strong and resistant to twisting. Cast steel hinges are welded to this tubing to ensure a tough, reliable and worry free hinge line. Our hinge line uses 1" cold rolled pin material.

The 8" stroke phasing cyinders reduce the hydraulic pressures required to raise and lower your machine which in turn means a longer life hydraulic system.

The side skirt of the FX-315 is 13 3/8" deep. This additional room under the deck along with high blade tip speeds allows for a better cut and better material flow.

The center wheel standard is constructed from large 6" O.D. x 1/4" thick HSS round tubing for trouble free operation.

The Schulte Precision Hitch eliminates shock loads transferred from the cutter to tractor and eliminates drawbar wear.

All pivot points use 1" greasable pins and all main pivot points use spring steel bushings.

1/2" x 4" Schulte Super Suction Blades, they leave nothing behind.



Double safety chains (front and rear), full belting (front and rear) and adjustable Residue Distribution Tailboard.

Turf Unit

This cutter is built with replaceable skid shoes and optional large wing skids for sod mowing purposes.



Shown with turf tires



Faster cut rate & reduced maintenance over competitive gang finish mowers / Easy, one touch levelling / Cutting speeds of up to 15mph

Fixed Knife Unit

Fixed knife unit with: Fixed knife / Residue distribution tail board/ Variable position shrouding



Do it all with the fixed knife system, including crop residue shredding & pasture maintenance.