

# FX-1800 / FX-1200 Specifications

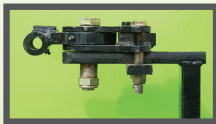
## SPECIFICATIONS

	FX-1800	FX-1200
Cutting Width	180" (4.57m)	126" (3.20m)
Overall Width	190" (4.83m)	137" (3.48m)
Overall Length	202" (5.13m)	202" (5.13m)
Transport Width	93" (2.36m)(Singles on wings) 102" (2.59m)(Duals on wings)	93" (2.36m)(Singles on wings) 97.5" (2.47m)(Duals on wings)
Transport Height	84" (2.13m)	84" (2.13m)
Deck Thickness	7GA (3/16", 4.6mm)	7GA (3/16", 4.6mm)
Weight	4563 lbs (2069kg) to 5113lbs (2319kg)	4313 lbs (1956kg) to 4863lbs (2205kg)
Hitch Weight	1702 lbs (772kg)(Depends on configuration)	1602 lbs (727kg)(Depends on configuration)
Minimum Tractor HP	50 HP (37kW)	45 HP (34kW)
Recommended Tractor HP	85 HP (63kW)	80 HP (60kW)
Tractor PTO Speed	540 or 1000rpm	540 or 1000rpm
Cutting Height	1.75" to 16.75" (44.5mm to 425mm)	1.75" to 16.75" (44.5mm to 425mm)
Ground Clearance	14.75" (42.5mm)	14.75" (42.5mm)
Cutting Capacity	4" (101.6mm)	4" (101.6mm)
Blade Overlap	6.5" (165.1mm)	6.5" (165.1mm)
Divider Gearbox Rating	260 HP (194kw)	260 HP (194kw)
Center & Wing Gearbox Rating	225 HP (168kw)*	225 HP (168kw)*
Output Shaft	2.38" (60.3mm)	2.38" (60.3mm)
Blade Tip Speed	540 rpm	540 rpm
Center	15980 ft/min (4871m/min)	15980 ft/min (4871m/min)
Wing	15459 ft/min (4711m/min)	15459 ft/min (4711m/min)
Blade Tip Speed	1000 rpm	1000 rpm
Center	15974 ft/min (4869m/min)	15974 ft/min (4869m/min)
Wing	15708 ft/min (4788m/min)	15708 ft/min (4788m/min)
Wing Working Range	25° down to 90° up	25° down to 90° up
Wing Floating Range	25° down to 30° up	25° down to 30° up
Drive Size Main	Cat. 5 CV (1000rpm), Cat. 6 CV (540 rpm)	Cat. 5 CV (1000rpm), Cat. 6 CV (540 rpm)
Drive Size Center & Wings	Category 5	Category 5
Side Skirt Depth & Thickness	13.63" (346mm) & 1/4" (6.35mm)	13.63" (346mm) & 1/4" (6.35mm)
Suspension	Rubber gromett 3 puck system	Rubber gromett 3 puck system

## HITCH OPTIONS



Adjustable Clevis



Precision Hitch



Bolt in Axles



Fixed Knife Option



FX-1200



Solid Tongue



Clevis Hitch

## FX-1800 / FX-1200 OPTIONS

Center walking axles; Through axles; Fixed Knives; Aircraft or solid laminate tires or forklift tires; 4, 6 or 8 tire options; Single or double safety chains front and rear; Safety light kit; Standard clevis, Adjustable clevis, Precision hitch (eliminates drawbar wear), or solid tongue; Shredder blade kit, Equal Angle Hitch - Non CV drive 540 RPM only, Tension Link Levelling Rod (addition of second rod), Strut Mount for Flex Arm ( Factory or Field Installed)



Forklift Tires



Aircraft Tires



Solid Laminate Tires



### Schulte Industries Ltd.

P.O. Box 70, Englefeld, Saskatchewan, Canada S0K 1N0

Tel: (306) 287-3715 Fax: (306) 287-3355

E-Mail: info@schulte.ca

Visit our Web site at: www.schulte.ca

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# FX-1800 / FX-1200 Rotary Cutter



## Legendary Schulte Toughness, Economically Priced

- 1 A single domed 7 gauge continuously welded deck. This makes the cutter extremely easy to clean, prevents water pooling and rusting, helps shed debris as you cut and weighs less than double decks.
- 2 6.5" blade overlap and high blade tip speeds.
- 3 A four gearbox drive line with independent slip clutches. The FX-1800 / FX-1200 utilizes heavy-duty and extremely reliable Bondioli gearboxes. The splitter has 1 3/4" 20 spline input and output shafts and is rated at 260hp. The centre and wing boxes have 1 3/4" 20 spline input shafts, 2 3/8" down shafts and are rated at 225hp\*.
- 4 An 80 degree CV shaft allows for smooth power transmission during tight turns. The CV for 540 rpm is a Category 6 and for 1000 rpm is a category 5. The driveline on the cutter itself employs self-adjusting friction clutches to protect your investment and always operate at peak performance. All clutches are located under the main shield for ease of service. An Optional Non CV Equal Angle Hitch is available in 540 RPM.
- 5 Spun formed 7gauge stump jumpers (round skid pans) ensure durability and balance. Optional fixed knife mulching unit available.

6 Available in 540 or 1000 rpm drive.

WORLD CLASS - BUILT TO LAST

# Features

# FX-1800 / FX-1200



Schulte Cutters are legendary throughout the mowing industry for being the toughest and most dependable. The FX-1800 / FX-1200 continues this renowned tradition at an economical price.

Greaseable hingeline turnbuckles help to reduce wear and aid in long life of the cutter's parallel lifting mechanism.

FX-1800 / FX-1200 side skirts are 13 5/8" deep. This additional room under the deck, along with high blade tip speeds, allows for a better cut and better material flow.

We use extremely strong and durable 517 hubs and spindles with built in metal seal guards on this cutter to tackle any type of terrain.

A one piece center shield allows for easy and full access to drivelines, clutches and gearboxes on the center section.

This cutter has replaceable skid shoes which are made out of 3/8" thick Abrasion Resistant steel.

The center wheel standard is constructed from large 5 9/16" O.D. x 3/8" thick HSS round tubing and the wing wheel standards are made with 4" O.D. X 3/8" thick HSS round tubing.

Schulte has many hitch options including clevis hitch, an adjustable clevis, precision hitch or solid tongue to help create a better fit & reduce wear on your tractor's drawbar.

Schulte Industries Super Suction 1/2" x 4" blades leave nothing behind. Schulte blades are strengthened through a hardening process which increases the impact strength of the blade. The blade is chamfered around the blade bolt hole to provide a smooth transition of surfaces around the high stress blade bolt area. The blades are also shot peened to induce beneficial compressive surface stresses over the entire length of the blade. This enhances the durability and extends the fatigue life of the blade. The cutting edge is forged giving it a stronger and tougher edge thereby extending the life of the blade.

Schulte Industries exclusive Pentagon Blade Bolt provides maximum anti rotational resistance where the blade is fastened to the stump jumper pans.

All pivot points use 1" greaseable pins.

Deck rings are standard on the FX-1800 / FX-1200. Deck rings protect the cutter deck from the blades rising when obstacles are encountered.

# Features



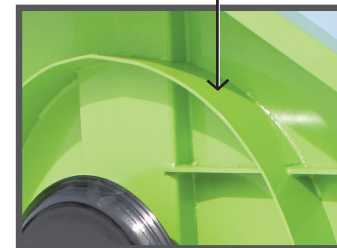
Narrow transport over-centering wing design



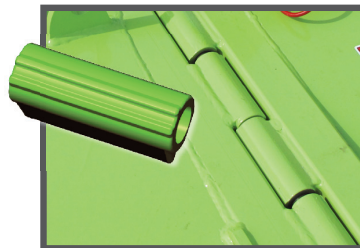
Optional Fixed Knife system. Outboard blade rotation keeps material from balling up under the deck



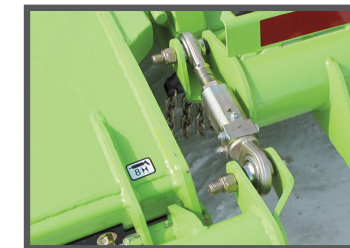
13 5/8" frame depth for maximum material flow



Deck protection rings are standard



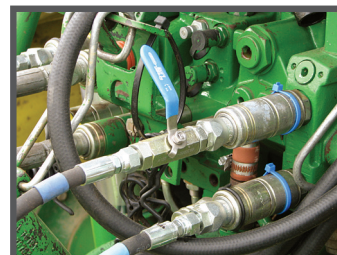
Heavy duty cast hinge line with wiper seals



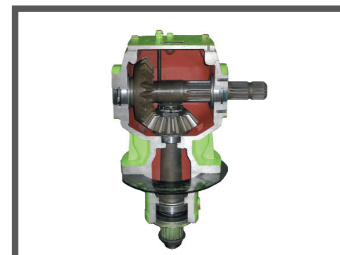
Greaseable adjustable turn buckles for parallel levelling



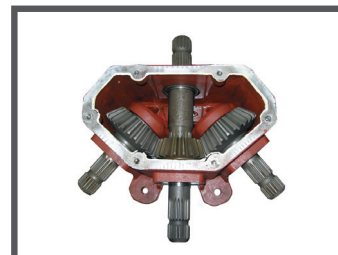
Single center lock up system



Ball valve wing lock up system



225hp\* Right Angle Gearboxes Heavy duty 1 3/4" input shafts. 2 3/8" tapered & splined down shafts



260hp heavy duty splitter box with 1 3/4" splined shafts



Heavy duty drive system for peak performance



Metal seal guards on 517 hubs



Single levelling rod with floating hitch



7 gauge spun formed stump jumper pans

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