

SCHULTE®

FX-180 / FX-120 Rotary Cutter

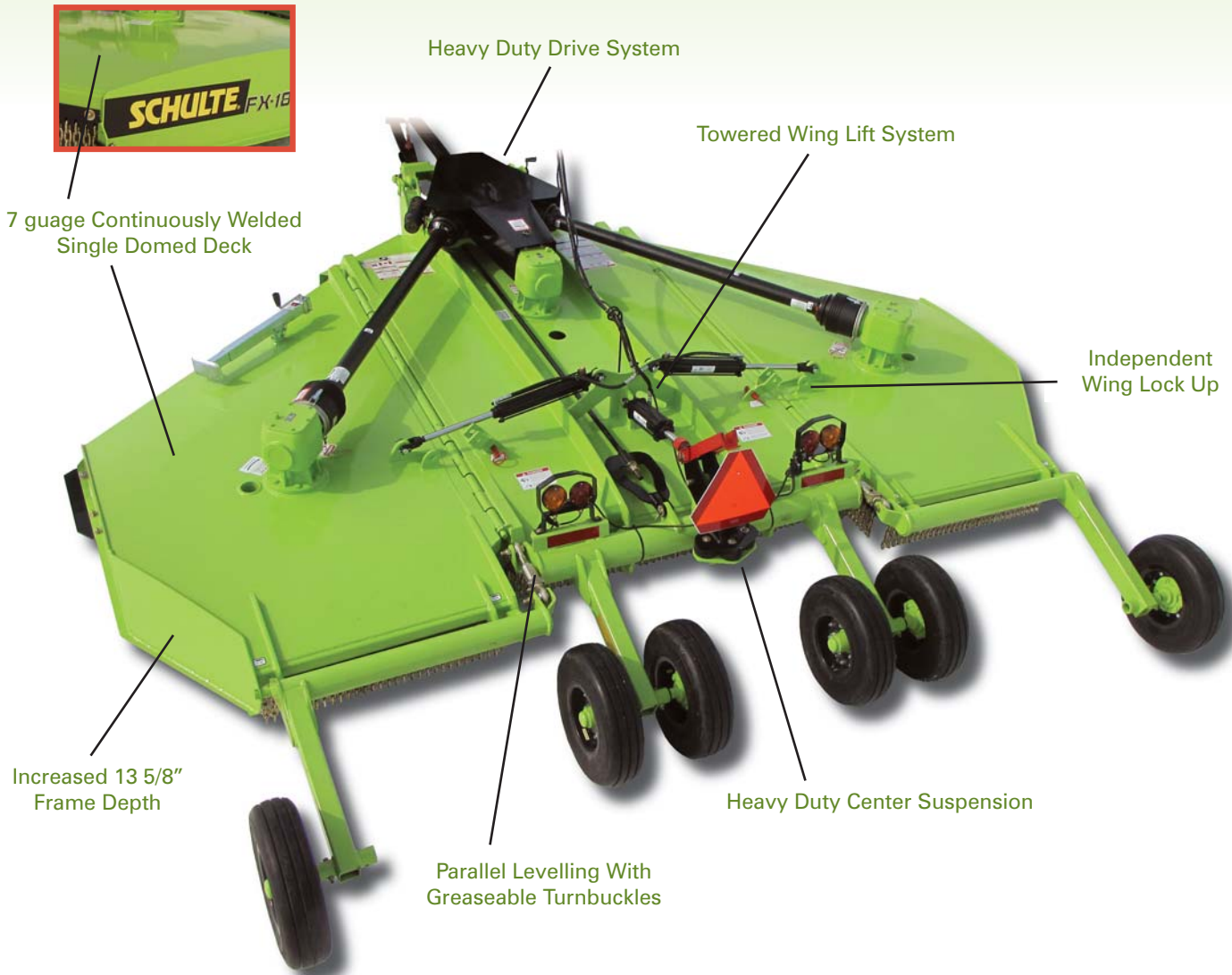


Legendary Schulte Toughness, Economically Priced

- 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-180 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 210hp.
- 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.
- 5** Spun formed 7gauge stump jumpers (round skid pans) ensure durability and balance.
- 6** Available in 540 or 1000 rpm drive.

G O N U M B E R O N E . . . G O S C H U L T E !

Features



**Legendary Toughness,
Economically
Priced**



Single center lock up system



Wing lock ups



210hp 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

FX-180 / FX-120

Schulte Cutters are legendary throughout the mowing industry for being the toughest and most dependable. The FX-180 / FX-120 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-180 / FX-120 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.

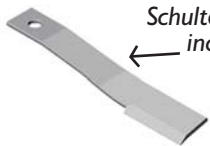
We use extremely strong and durable 517 hubs and spindles with built in metal seal guards on this cutter to tackle any type of terrain.

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 1/4" thick HSS round tubing and the wing wheel standards are made with 4" O.D. X 1/4" 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-180 / FX-120. Deck rings protect the cutter deck from the blades rising when obstacles are encountered.

Features



Deck protection rings are standard



Heavy duty cast hinge line with wiper seals



Greaseable adjustable turnbuckles for parallel levelling



13 5/8" frame depth for maximum material flow



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

FX-180 / FX-120 Specifications

SPECIFICATIONS

	FX-180	FX-120
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	99" (2.51m) (Outside skid shoe to outside skid shoe)	93" (2.36m) (Outside skid shoe to outside skid shoe)
Transport Height	84" (2.13m)	84" (2.13m)
Deck Thickness	7GA (3/16", 4.6mm)	7GA (3/16", 4.6mm)
Weight	4500 lbs (2041kg) to 5050lbs (2291kg)	4250 lbs (1928kg) to 4800lbs (2177kg)
Hitch Weight	1680 lbs (762kg) (Depends on configuration)	1580 lbs (716kg) (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	210 HP (157kw)	210 HP (157kw)
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 87° up	25° down to 87° up
Wing Floating Range	25° down to 87° up	25° down to 87° 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 grommet 3 puck system	Rubber grommet 3 puck system

HITCH OPTIONS



Adjustable Clevis



Precision Hitch



Bolt in Axles



Solid Tongue



Clevis Hitch



FX-120

FX-180 / FX-120 OPTIONS

Center walking axles; Through axles; 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



Forklift Tires



Aircraft Tires



Solid Laminate Tires

SCHULTE



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