

# SCHULTE<sup>®</sup>

## BX-62 • BX-74 • BX-84

# Snow Blowers

## Mid Sized 3pt Hitch, Skid Steer & Loader Mount Snow Blowers

### 540RPM Twin Stage Snow Blowers



- 1** High Efficient 22" 4 paddle fan with open center & cupped blade design.
- 2** Gear driven rotator with high molecular plastic bearing surface ensures smooth rotation in the coldest conditions.
- 3** The oil bath gearbox input & fan shaft is a 1 3/8" diameter splined design for a positive connection to the power shaft & fan.
- 4** Hydraulic deflector available for control at the spout.

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

# Skid Steer Mount Kit

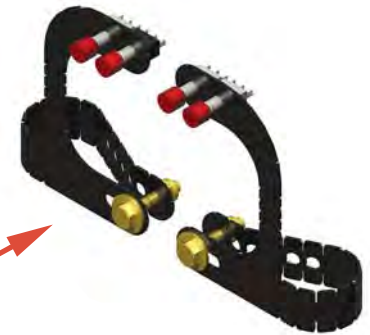


Designed to work on most popular skid steer tractors or with our new HK-350 Hydro Pak with front end loader with skid steer attach type buckets.

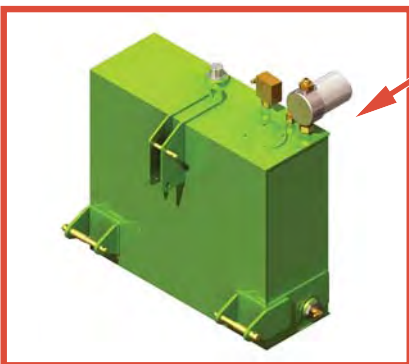


The optional hydraulic valve block (part #B620-420) allows the user to control the rotation and deflection of the chute with one hydraulic circuit on the tractor or skid steer.

Handle bar mounted switches for skid steer use.



## HK-350 3pt hydro pack for Front End Loader mount application



A 3pt mounted hydraulic reservoir runs off the 540 PTO of the tractor. Two pumps and motors are available to choose from depending on the HP of your tractor.

Works with tractors with quick attach skid steer type mount buckets.

Dealer must provide proper length of hoses.

Reservoir Kit provides exceptional traction.



# Features

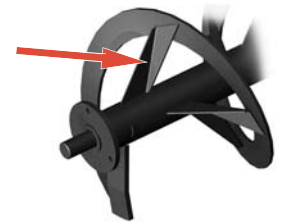


The heart of these Schulte Snow Blowers is the 4 paddle open center, cupped blade design fan that concentrates snow to the center & back of the fan which results in improved performance. A 1 3/8" splined hub welded into the fan ensures maximum strength over competitive keyed designs.



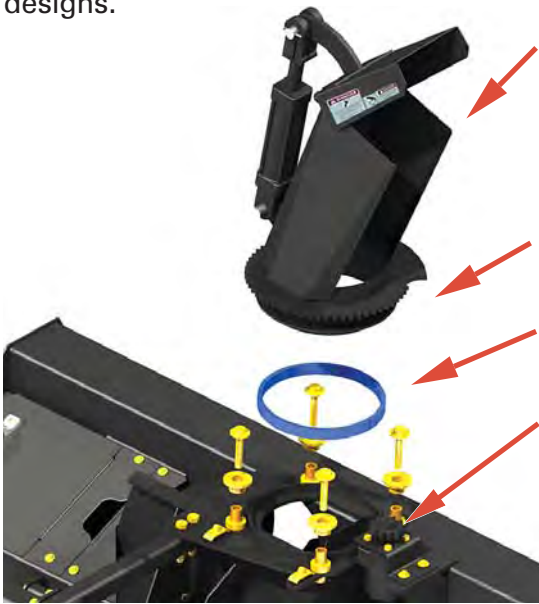
An oil bath gearbox provides positive performance. A 1 3/8" splined & heat treated fan shaft ensures maximum strength & wear resistance.

Formed 90 degree struts.



A single open auger is more efficient than competitive double auger designs and allows maximum power to be directed to the fan where it should be!

An open auger design feeds the fan properly. Formed 90 struts help paddle snow to the fan and add substantial strength. Having the auger set out in front of the blower housing cuts into hard pack snow & reduces stress on the tractor drive system by reducing clutching.



The optional hydraulic deflector allows the user to place snow where they want it.

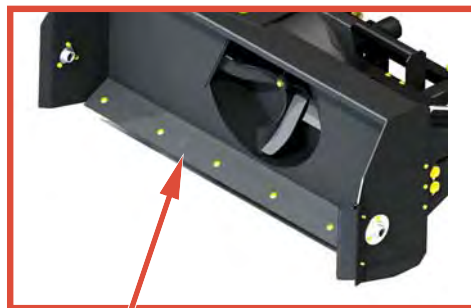
An optional gear driven hydraulic chute rotator with high molecular plastic bearing area keeps freeze ups to a minimum.

UHMW bearing area.

Gear driven rotator motor.



Adjustable & replaceable skid shoes keep cutting height where you want it to prevent scalping.



A bolt in replaceable cutting blade is standard and gives many years of trouble free cutting performance.

The auger is protected by a 1/4" x 2" grade 2 shear pin.

On 3pt models the tractor & gearbox are protected by a size 8mm X 45mm grade 5 shear pin on the power shaft.

# Features (continued)



A positive gear connection on the rotator, whether using a manual or hydraulic rotator, ensures easy turning in cold weather



Optional manual chute rotator

## BX Series Specifications

### SPECIFICATIONS

	<b>BX-62</b>	<b>BX-74</b>	<b>BX-84</b>
Cutting Width	62" (1575mm)	74" (1880mm)	84" (2134mm)
Cutting Height	26" (660mm)	26" (660mm)	26" (660mm)
Overall Height	55" (1397mm)	55" (1397mm)	55" (1397mm)
Auger Diameter	14" (356mm)	14" (356mm)	14" (356mm)
Fan Diameter	22" (559mm)	22" (559mm)	22" (559mm)
Fan Shaft Diameter	1 3/8" (35mm)	1 3/8" (35mm)	1 3/8" (35mm)
Auger Chain Drive	#50	#50	#50
Weight	560lbs (254kg)	620lbs (281kg)	635lbs (288kg)
Adjustable Chute Deflector	Standard	Standard	Standard
Replaceable Cutting Blade	Standard	Standard	Standard
Replaceable Skid Shoe	Standard	Standard	Standard
Skid Steer Hydraulic requirements			
Minimum	13 GPM	15 GPM	18 GPM
Recommended	16 GPM - or higher	18 GPM - or higher	24 GPM - or higher
Recommended HP 3pt Models	20 - 35HP	30 - 45HP	40 - 55HP
Capacity - Dry snow / Wet snow	132tons/hr / 415tons/hr	132tons/hr / 415tons/hr	132tons/hr / 415tons/hr

### OPTIONS

3pt or skid steer mounts, tractor shaft, various size motors to match skid steer flows, pumps & motors for loader kit, reservoir kit, hydraulic block (primarily used on skid steer application with skid steers with only one valve bank), manual chute rotator & deflector, loader hydraulic chute rotator & deflector (customer needs to source hoses) & various skid steer mounting plates. B601-325 hydraulic components needed to run the snow blower fan when using a manual rotator on a skid steer unit.



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# SDX-102 • SDX-840 Snow Blowers



SDX-102 shown with FM-300 Front Mount 3pt Frame

*The SDX-102 features a 102" wide cut and efficient twin stage design, ideally suited to 85-140 HP tractors.*

*The SDX-840 features a 84" wide cut and efficient twin stage design, ideally suited to 55-85 HP tractors.*

*Highly efficient 30" four paddle fan on the SDX-102 and 26" four paddle fan on the SDX-840, with an open center and cupped blades results in improved throwing distance.*

*Heavily reinforced auger feeds snow to the fan and ensures that chunks of ice & hard packed snow are broken up before being discharged.*

*A replaceable cutting blade and replaceable adjustable skid shoes are standard on all models.*

*A heavy duty gearbox with 1 5/8" splined shafts provides positive power delivery to the fan.*

*A 300 degree rotating chute design includes a UHMW bearing area to reduce freeze up of the chute.*

*Shear bolt protection for the fan and cross auger.*

*The SDX-102 incorporates a fully enclosed chaincase for longer chain life.*



**Quality • Service • Value • Trust**

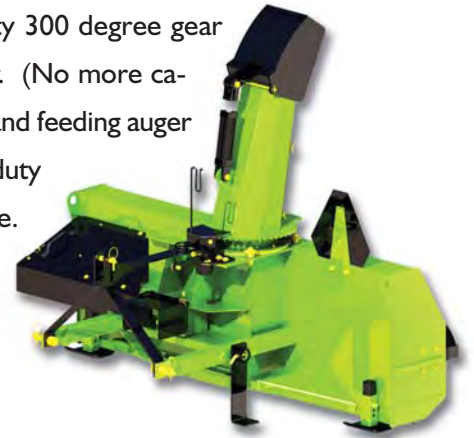
**GO NUMBER ONE . . . GO SCHULTE!**



The **SCHULTE SDX-102 AND SDX-840** snow blowers are the perfect tool for all your snow blowing needs such as, yard clearing, clearing around bins, blowing beside grain bags, used by cities and municipalities because of the tough build, used for truck loading, clearing acreage lanes, contractors use them for clearing ditches and oil roads, etc.



The **SCHULTE SDX-102 AND SDX-840** snow blowers include a heavy duty 300 degree gear driven chute rotation mechanism that is operated by a 7.3 cubic inch hydraulic motor. (No more cables!!) High carbon steel is used in both the cutting edge and adjustable skid shoes. Fan and feeding auger are protected by shear bolts. The fan shaft is a heat treated 1-5/8" splined shaft. Heavy duty shafts with shear pin protection are a standard option on all models for heavy duty use. A standard Category 2 three point hitch or Category 2 quick hitch can be used to attach to the blowers. Deflector design reduces blowback and hinge is maintenance free. Full one year warranty on materials and workmanship.



**Quality • Service**

# Features



The heart of these Snow Blowers is the 4 paddle open center, cupped blade fan design that concentrates snow to the center & back of the fan resulting in improved performance.



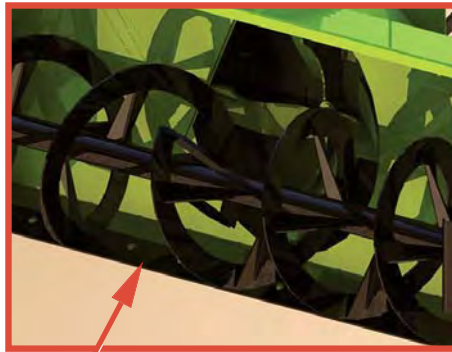
Open auger design with formed struts. The SDX-102 uses a 23" auger. SDX-840 uses a 18" auger. This type of design cuts into hard packed snow & feeds the fan with ease.



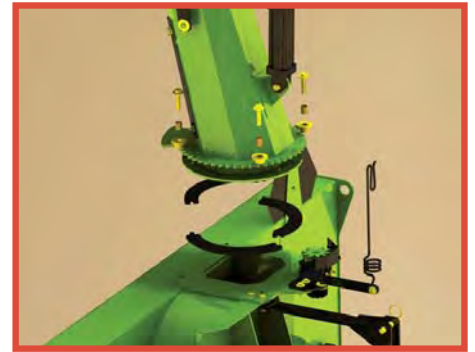
The double chute deflector reduces blow back of snow. Only available on the SDX-102.



A gear driven 300 degree hydraulic chute rotator comes standard with a 7.3 cubic inch hydraulic motor.



High grade steel replaceable cutting blade is standard and gives many years of trouble free cutting.



A high molecular UHMW bearing area keeps freeze ups to a minimum in the coldest weather conditions.



SDX-840 Skid Shoes

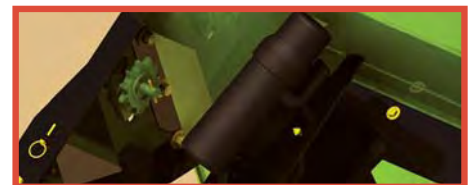


SDX-102 Skid Shoes

Adjustable replaceable skid shoes are standard. Gauge wheels with tapered roller bearings are optional for use on pavement or cement.



1 5/8" splined and heat treated fan shaft is standard on the SDX-102 and SDX-840. A 1 5/8" splined hub welded into the fan ensures maximum strength over competitive keyed designs.



The SDX-840 idler sprocket maintains constant tension on the auger drive chain and reduces possible freeze ups.



The SDX-102 features an enclosed chain case with spring tension tightener.

# Value • Trust

# SDX Series Specifications

## SPECIFICATIONS

	<b>SDX-102</b>	<b>SDX-840</b>
Cutting Width	102" (2.59m)	84" (2.14m)
Tractor Horsepower	85 - 140 HP (63 - 104KW)	55 - 85 HP (41 - 63KW)
Cutting Height	35" (889mm)	30" (762mm)
Overall Height	96" (2.44m)	78" (1.98m)
Auger Diameter	23" (584mm)	18" (457mm)
Fan Diameter	30" (762mm)	26" (660mm)
Fan Type	4 paddle	4 paddle
Fan Shaft Diameter	1 5/8" (41mm)	1 5/8" (41mm)
Auger Drive Chain	#80	#60
Weight	1675lbs (760kg)	1000lbs (373kg)
Adjust. Double Linked Chute Deflector	Standard	N/A
Hydraulic Chute Rotation Mechanism	Standard	Standard
Replaceable Blade	Standard	Standard
Adjustable Replaceable Skid Shoes	Standard	Standard
Hitch Size	Cat II, Cat II quick hitch	Cat II, Cat II quick hitch
PTO Speed	540 RPM	540 RPM
Capacity - Dry snow / Wet Snow	388tons/hr / 1222tons/hr	258tons/hr / 810tons/hr

## SDX-102 OPTIONS

1. Heavy duty power shaft - size 8
2. Heavy duty chute kit with cylinder kit
3. Truck loading chute kit with cylinder kit
4. 3pt extension kit
5. Gauge wheel kit

## SDX-840 OPTIONS

1. Hydraulic cylinder kit, with hoses for chute deflector
2. Gauge wheels
3. Heavy duty power shaft - size 6
4. 3pt extension kit
5. Manual chute deflector bar



A perfect combination for Schulte's model SDX-102 is the FM-300 front mount 3pt hitch frame.

## SPECIFICATIONS

	<b>FM-300</b>
Tractor horsepower, maximum	250 HP
Tractor PTO (1000 rpm preferred)	1000 RPM for SDX-117, RDX-102 & SDX-102 540 RPM for SDX-840 and RDX-102
Lift capacity	5000 lbs
Adjustability	Accommodates tractors between 151" and 211" measured from front mount plate to drawbar pin
Average ground clearance	13" depending on tractor installation
Average lift range	18"
Weight	1650 lbs

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# SCHULTE®

## **RDX-102** **AVALANCHE**

# Snow Blower



- 1** 102" wide cut and efficient twin stage design are ideally suited to 85-140 HP tractors.
- 2** The RDX-102 rotating drum allows snow to be ejected out left or right side or through center chute.
- 3** In heavy wet snow, blowing capacity of the RDX-102 is greatly increased due to the fact the snow can be discharged directly off the fan paddles versus all the way up through the center chute.
- 4** Highly efficient 30" - four paddle fan with an open center and cupped blades results in improved throwing distance on all models.
- 5** A heavily reinforced auger feeds snow to the fan and ensures that chunks of ice and hard packed snow are broken up before being discharged.
- 6** A replaceable cutting blade and replaceable adjustable skid shoes are standard on all models.
- 7** A heavy duty gearbox with 1 5/8" splined shafts provides positive power delivery to the fan.
- 8** UHMW bearing and bronze bushings in the rollers allow for reduced freeze-up on chute.
- 9** Shear bolt protection for the fan and cross auger.
- 10** Enclosed chain case protects the drive chain from debris.

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

# Features

A Patent pending drum rotation cylinder (2.5" x 20") rotates fan housing to eject snow out the left or right side or through the center chute.

(Circular arrows show cylinder movement)

New adjustable replaceable skid shoes allows cutting blade to follow ground more closely.



## SCHULTE RDX-102

The RDX-102 includes a heavy duty 300 degree gear driven chute rotation mechanism that is operated by a 7.3 cubic inch hydraulic motor. (No more cables!!) High carbon steel is used in both the cutting edge and adjustable skid shoes. A heavy duty shaft is standard on the RDX-102. A standard Category 2 three point hitch or Category 2 quick hitch can be used to attach to the blowers. New rotating drum design with a bearing in the front and the rear of the drum. Front bearing uses UHMW and the rear bearing uses Nylatron. The two bearings ensure proper rotation of drum and prevent skewing. The new RDX-102 drum uses a cylinder for rotation. This cylinder ensures your drum is held firmly in place during operation and does not "Creep" out of position.



Replaceable cutting blade

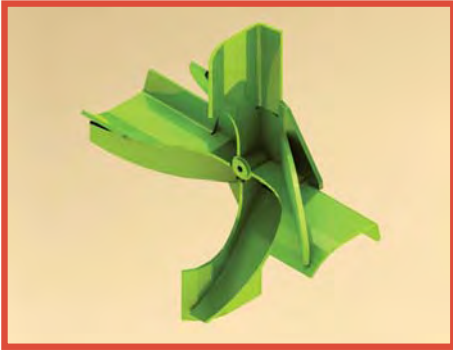
23" open auger

The RDX-102 drum is made of Hardox 450 which has a hardness of 450 BHN or 48 Rockwell C. This drum is very hard and is very resistant to abrasion from rocks, gravel and other debris. It will provide a long and trouble free service life.

Enclosed Chain Case with easy access from the side (bolted on cover) or from the top (flip shield). The enclosed chain case puts an end to the sprockets and chain from running in the snow, ice and debris.

This will increase the overall life of the chain and sprockets.

# Features



The heart of this Snow Blower is the 4 paddle open center, cupped blade design fan that concentrates snow to the center & back of the fan resulting in improved performance.



A 23" open auger design with formed struts includes more braces in the center for increased strength and durability. This type of design cuts into hard packed snow & feeds the fan with ease.



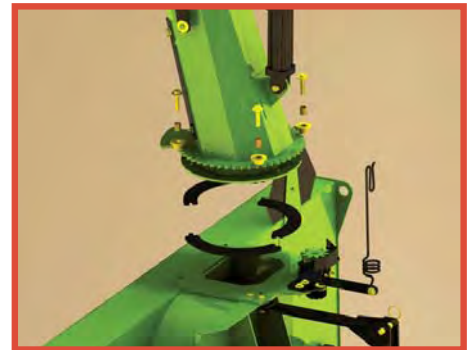
The double chute deflector with a standard 2" x 6" cylinder reduces blow back considerably in comparison to single deflectors.



A gear driven 300 degree hydraulic chute rotator comes standard with a 7.3 cubic inch hydraulic motor.



High grade steel bolt in replaceable cutting blade is standard and gives many years of trouble free cutting performance.



A high molecular UHMW bearing area keeps freeze ups to a minimum in the coldest weather conditions.



Adjustable replaceable skid shoes are standard. Gauge wheel with tapered roller bearings are optional for use on pavement or cement.



1 5/8" splined and heat treated fan shaft is standard on the RDX-102. A 1 5/8" splined hub welded into the fan ensures maximum strength over competitive keyed designs.



Enclosed chain case with spring tension tightener for idler sprocket maintains constant tension on the auger drive chain and reduces chain wear and possible freeze ups.

# RDX-102 Series Specifications

## SPECIFICATIONS

Cutting Width	102" (2.6m)
Tractor Horsepower	85 - 140 HP (63 - 104KW)
Cutting Height	37" (939mm)
Overall Height	100" (2.54m)
Auger Diameter	23" (584mm)
Fan Diameter	30" (762mm)
Fan Type	4 paddle
Fan Shaft Diameter	1 5/8" (41mm)
Auger Drive Chain	#80
Weight	2050lbs (930kg)
Adjust. Double Linked Chute Deflector	Standard
Hydraulic Chute Rotation Mechanism	Standard
Replaceable Blade	Standard
Adjustable Replaceable Skid Shoes	Standard
Hitch Size	Cat II, Cat II quick hitch
PTO Speed	540 RPM
Capacity - Dry snow / Wet Snow	426tons/hr / 1343tons/hr

## RDX-102 OPTIONS

1. Heavy duty power shaft - size 8
2. Heavy duty chute kit with cylinder kit
3. Truck loading chute kit with cylinder kit
4. Gauge wheel kit



Side eject - left side



Side eject - right side



A perfect combination for Schulte's RDX-102 is the FM-300 front mount 3pt hitch frame.

## SPECIFICATIONS

## FM-300

Tractor horsepower, maximum	250 HP
Tractor PTO (1000 rpm preferred)	1000 RPM for SDX-117, RDX-102 & SDX-960 540 RPM for SDX-960 and RDX-102
Lift capacity	5000 lbs
Adjustability	Accommodates tractors between 151" and 211" measured from front mount plate to drawbar pin
Nominal ground clearance	13" depending on tractor installation
Nominal lift range	18"
Weight	1650 lbs



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# SDX-117 Snow Blower



- 1** Schulte's SDX-117 incorporates a 38" Five paddle open center cupped style fan which improves performance and is larger than most competitive designs on the market.
- 2** On the SDX-117, a 1000 RPM gear driven drive system is standard. The fan is held in place by a 2" tapered splined shaft. A size 8 Bondioli power shaft is included with shear pin protection to power the blower.
- 3** A Bondioli Italian made 1 piece gearbox drives this unit.
- 4** A heavily reinforced 23" bottom auger with formed struts ensures that hard chunks of snow and ice are fed into the fan with ease. This large open bottom auger also allows the snow blower to cut into hard pack snow where other snow blowers have difficulty.
- 5** A 300 degree rotating chute design includes a UHMW bearing area to reduce freeze up of the chute. The new double deflector design reduces blowback when the chute deflector is placed in the down position.
- 6** Optional gauge wheels with tapered roller bearings are available for highway or pavement use only.
- 7** A hydraulic cylinder for adjusting the chute deflector is standard.
- 8** 3 Position adjustable stake arms.
- 9** Enclosed chain case protects the drive chain from debris.
- 10** Shear bolt protection for the fan & cross auger.

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

# 117" Wide Side Eject Drum 38" Five paddle Fan Snow Throwing Performance

The 38" five paddle fan has a unique open centre, cupped blade design that concentrates the snow to the centre of the fan for more efficient snowblowing.

The large 23" bottom auger ensures that the fan is fed correctly and enables the snow blower to break into hard packed snow with greater ease.

The chute rotator is driven by a gear-on-gear system with a hydraulic motor to eliminate cables. The chute will rotate a full 300°.

A double chute deflector is standard and considerably reduces blow back of snow in comparison to single deflectors.

Three position adjustable stake arms on the blower make adjusting easy for various tractor 3pt hook-ups lengths.

A large 2" tapered spline shaft on the fan allows for more trouble free operation than a shaft and keyway design.

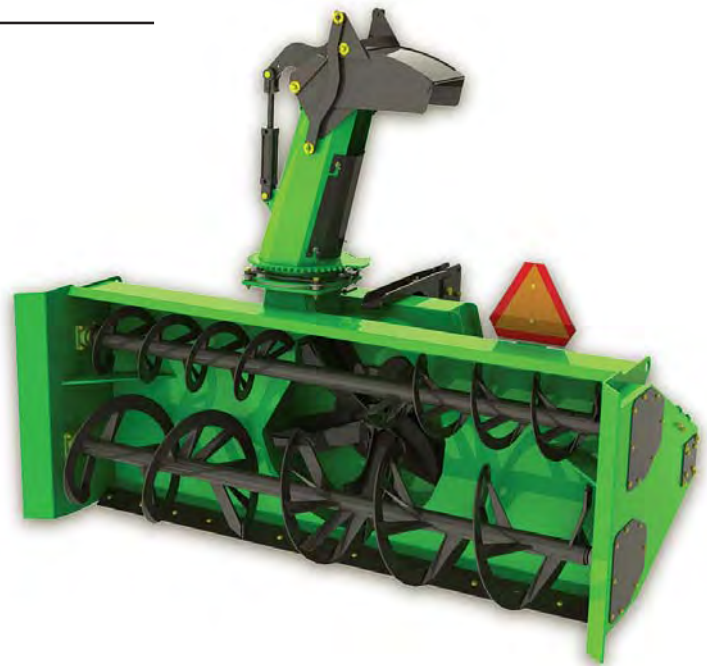
Auger struts are formed at 90 degree angles for added strength and to better feed the snowblower's fan.

On hydrostatically driven tractors less horsepower is required than the 140 - 220 HP recommended for conventional tractors.



Truck Loading Chute

- 
- 3 Gear Parallel Reducer Box input shaft can be relocated to accommodate non-conventional pto rotation
  - Italian designed and manufactured 1 piece gearbox
  - Double chute deflector
  - Gear driven hydraulic chute rotation mechanism
  - Reversible cutting blade
  - Adjustable skids
  - 2" tapered splined fan hub and shaft
  - Adjustable stake arms
  - Size 8 Bondioli Driveline
  - Park stand



Quality • Service

# Features



The heart of these Snow Blowers is the 5 paddle open center, cupped blade design fan that concentrates snow to the center & back of the fan resulting in improved performance.



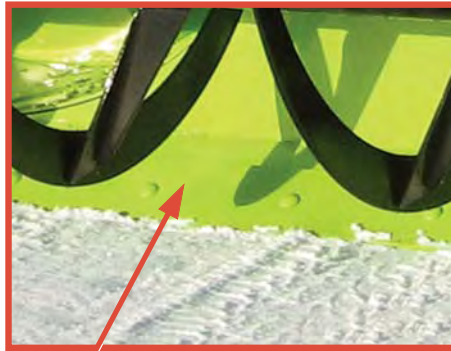
Open auger design with formed struts. The SDX-117 use a 23" bottom auger & 14" top auger. This type of design cuts into hard packed snow & feeds the fan with ease.



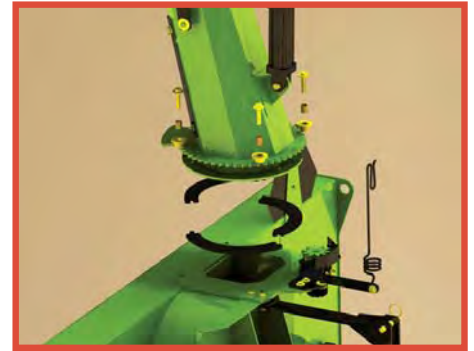
A double chute deflector with a standard 2" x 6" cylinder reduces blow back considerably in comparison to single deflectors.



A gear driven 300 degree hydraulic chute rotator comes standard with a 7.3 cubic inch hydraulic motor.



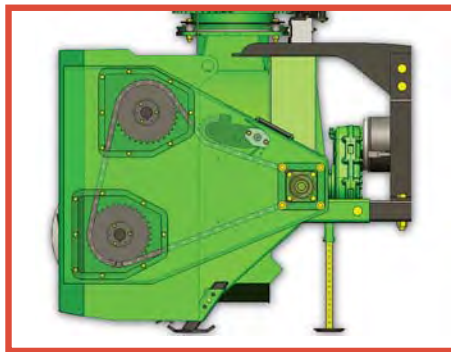
High grade steel bolt in replaceable cutting blade is standard and gives many years of trouble free cutting performance.



A high molecular UHMW bearing area keeps freeze ups to a minimum in the coldest weather conditions.



Adjustable replaceable skid shoes are set close to the cutting blade for better ground following. Gauge wheel with tapered roller bearings are optional for use on pavement or cement.



Drive chain, sprockets and tensioner shown in the enclosed chain case. The enclosed chain case eliminates snow build up on sprockets and chain extends life of the drive system.



Enclosed chain case with spring tension tightener for idler sprocket maintains constant tension on the auger drive chain & reduces chain wear and possible freeze ups.

# SDX-117 Series Specifications

## SPECIFICATIONS

<b>SDX-117</b>	
Cutting Width	117" (2.97m)
Tractor Horsepower	140 - 220 HP (104 - 164 KW)
Cutting Height	45 1/2" (1.15 m)
Overall Height	100" (2.54 m) (With HD Chute)
Auger Diameter - Bottom	23" (58.4 cm)
Auger Diameter - Top	14" (35.5 cm)
Fan Diameter	38" (96.5 cm)
Fan Type	5 paddle
Fan Shaft Diameter	2" (5.1 cm)
Auger Drive Chain	#80
Weight	2750lbs (1247 kg)
Adjust. Double Linked Chute Deflector	Standard
Hydraulic Chute Rotation Mechanism	Standard
Replaceable Blade	Standard
Adjustable Replaceable Skid Shoes	Standard
Hitch Size	Cat II & Cat III 3pt and quick hitch
PTO Speed	1000 RPM
Capacity - Dry Snow / Wet Snow	762 tons/hr / 2394 tons/hr

\*On hydrostatically driven tractors, less HP is required than the 140-220HP recommended for conventional tractors.

## SDX-117 OPTIONS

1. 1 3/8" 21 spline or 1 3/4" 20 spline size 8 Bondioli tractor shaft
2. Heavy duty chute with hydraulic cylinder
3. Truck loading chute with hydraulic cylinder
4. Gauge wheels w/tapered roller bearings (For paved or concrete use only)

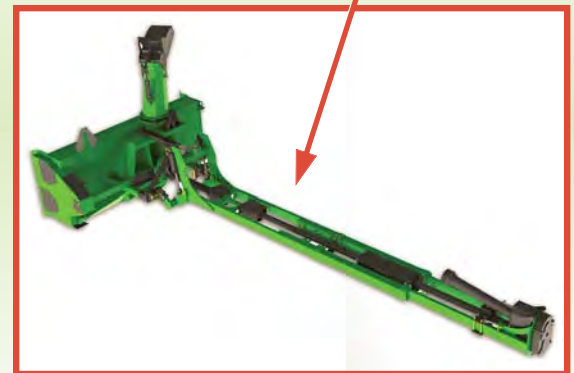


2" tapered splined fan shaft is standard on the SDX-117. Shown in standard up position to work with 3pt tractor.



The reduction box can be rotated in the down position to work with the FM300 front mount frame.

SPECIFICATIONS	FM-300
Tractor horsepower, maximum	250 HP
Tractor PTO (1000 rpm preferred)	1000 RPM for SDX-117, RDX-102 & SDX-960 540 RPM for SDX-960 and RDX-102
Lift capacity	5000 lbs
Adjustability	Accommodates tractors between 151" and 211" measured from front mount plate to drawbar pin
Nominal ground clearance	13" depending on tractor installation
Nominal lift range	18"
Weight	1650 lbs



A perfect combination for Schulte's SDX-117 is the FM-300 front mount 3pt hitch frame.



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## FM-300 Front Mount 3pt Hitch Frame



- Tractor Mounting System -



- 3pt Hook Up -

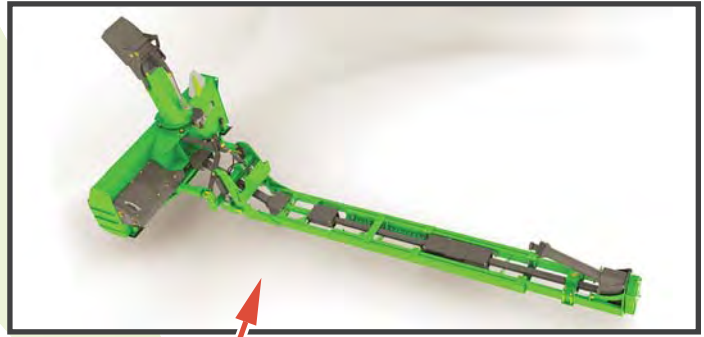
### A Rugged, Versatile, Quick Attach, Frame and Drive for 3pt Snow Blowers

*Enjoy the convenience, comfort and improved performance of a front mounted snow blower.*

*No matter how much snow you need to move you will appreciate the FM-300. The FM-300 gives you the ability to mount your 3pt snow blower on the front of your tractor instead of on the tractor's rear 3pt hitch. The FM-300 offers you better visibility and ergonomics when coupled with a Schulte Snow Blower. Blowing snow while driving forward, is more efficient than blowing snow in reverse. The FM-300 allows you an increased selection of travel speeds, as your tractor has many more forward gears than reverse gears. This increased gearing selection will result in better snow blowing performance and less wear and tear on the tractor clutch, and your neck.*

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

The Schulte FM-300 is designed for simple and quick tractor mounting and removal. Once mounted to the tractor all pushing force is transmitted to the snow blower through the tractor drawbar. Tension screws at the rear drawbar ensure that the tractor sees only vertical load at the frame mounting points



A high degree of adjustability allows the frame to accommodate different sizes of tractor tires while still maintaining the best possible ground clearance. Telescoping frame sections and telescoping drive line components allow the FM-300 to fit tractors between 151 and 211" long, measured from the front mounting plate to the tractor drawbar pin



The FM-300 is a perfect match for Schulte model SDX or RDX snow blowers. The drive line is capable of transferring 250 HP to the snow blower. Parallel shaft gearboxes are available to power either 540 RPM snow blowers (for example, the Schulte SDX960) or 1000 RPM snow blowers (for example the Schulte SDX110). The drive line is fully shielded to meet the latest safety standards

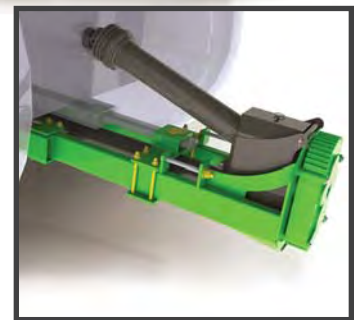
Up to three banks of hydraulic lines can be routed to the front of the tractor to operate snow blower functions.

Simple attachment and removal from your tractor. A wide selection of proven tractor mounting brackets are available, for new, or older tractor models. A compact Category 2, 3PT lift mechanism ensures that the snow blower fits as close to the tractor as possible



## SPECIFICATIONS

Tractor horsepower, maximum	250 HP
Tractor PTO	1000 RPM for SDX110 and SDX960, 540 RPM for SDX960 only
Lift capacity	5000 lbs
Adjustability	Accommodates tractors between 151" and 211" measured from front mount plate to drawbar pin
Nominal ground clearance	13" depending on tractor installation
Nominal lift range	18"
Weight	1650 lbs



- Draw Bar Mount & PTO Power -

Schulte Industries Ltd. reserves the right to change the design, material and specifications of its products without notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment. Part No. 1000-141



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**Sold By:**