



## SDX - 144 12' SNOW BLOWER

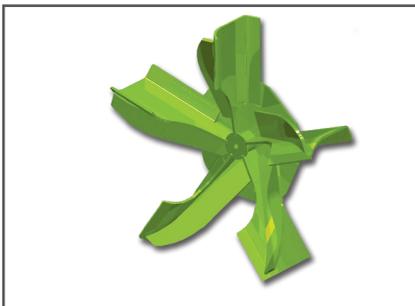
- 1** Schulte's SDX-144 incorporates a 38" five paddle open center cupped style fan which improves performance and is larger than most competitive designs on the market.
- 2** On the SDX-144, a 1000 RPM gear driven drive system is standard. The fan is held in place by a 2" tapered splined shaft. A size G9 Bondioli power shaft is included with shear pin protection to power the blower.
- 3** A Bondioli Italian made one-piece gearbox drives this unit (either clockwise or counterclockwise rotation).
- 4** 23" bottom auger is made up of 4.5" OD pipe & 3/8" QT plate with serrated teeth which 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 optional, hydraulic chute rotator motor is standard.
- 8** 3 position adjustable stake arms help adjust driveline to required lengths.
- 9** Enclosed chain case protects the drive chain from debris.
- 10** Shear bolt protection for the fan & cross auger.



**World Class** *Built to Last*

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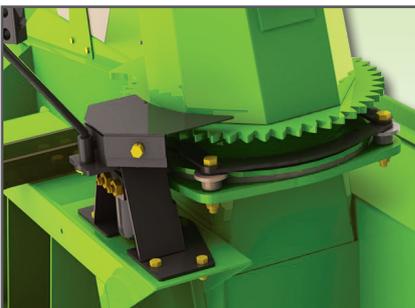
The heart of the SDX-144 is the 5 paddle open center, cupped blade design fan that concentrates snow to the center & back of the fan resulting in improved performance.



Open auger design with formed struts. The SDX-144 uses a 23" bottom auger & 14" top auger. This type of design cuts into hard packed snow & feeds the fan with ease.



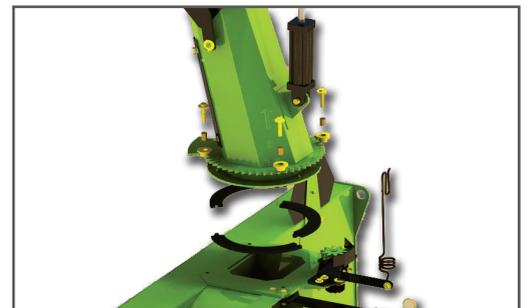
A double chute deflector with a standard 2" x 6" cylinder reduces blow back considerably when in comparison to single deflectors.



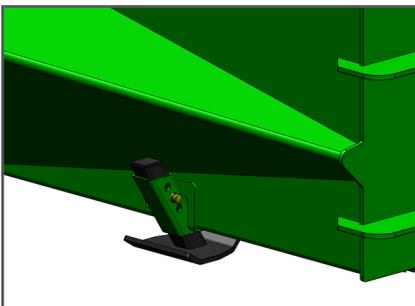
A gear driven 300 degree hydraulic chute rotator comes standard with a 7.3 cubic inch hydraulic motor.



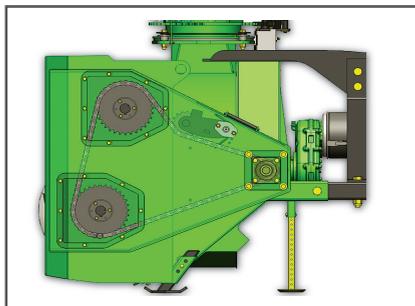
High grade steel bolt in replaceable cutting blade is standard and gives many years of trouble free cutting performance.



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 wheels optional for use on pavement or cement.



Drive chain, sprockets and tensioner shown in the enclosed chain case. This 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 - 144 12' SNOW BLOWER

## 144" Wide, 38" Five paddle Fan Snow Throwing Performance

The large 23" bottom auger is made up of 4.5" OD pipe & 3/8" QT plate with serrated teeth which ensures that the fan is fed correctly and enables the snow blower to break into hard packed snow with greater ease. Auger struts are formed at 90 degree angles for added strength and to better feed the snowblower's fan.

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.

On hydrostatically driven tractors less horsepower is required than the 180 - 350 HP recommended for conventional tractors.

Rated for 180-350 Hp tractors, Hitch size of CAT III, CAT IV 3 PT and quick hitch.

- SDX-144 is rated for 180 – 350 hp tractors that have Cat 3 or 4 3pts or quick hitches
- Drive system consists of an Bondioli Size G9 Italian driveline and gearbox. It is a Cat 6 driveline and the gearbox can be set-up to accept clockwise or counter clockwise rotation
- Gear driven hydraulic chute rotation mechanism
- Reversible/Replaceable cutting blade
- Adjustable skids
- 2" tapered splined fan hub and shaft
- Park stand



Folding Truck Loading Chute



12 foot width



Works with front or rear mount

# Specifications

## SPECIFICATIONS

Cutting Width	144" (3.66m)
Tractor Horsepower	180 - 350 HP (132 - 261 KW)
Cutting Height	45 1/2" (1.15m)
Overall Height	100" (2.54m) (With HD Chute)
Auger Diameter - Bottom	23" (58.4cm)
Auger Diameter - Top	14" (35.5cm)
Fan Diameter	38" (96.5cm)
Fan Type	5 paddle
Fan Shaft Diameter	2" (5.1cm)
Auger Drive Chain	#80
Weight	3066 lbs (1391kg)
Adjust. Double Linked Chute Deflector	Standard
Hydraulic Chute Rotation	Standard
Replaceable and reversible Cutting Blade	Standard
Adjustable Replaceable Skid Shoes	Standard
3PT Hitch Size	Cat III & Cat IV 3pt and quick hitch
PTO Speed	1000 RPM
Capacity - Dry Snow / Wet Snow	762tons/hr/2394tons/hr

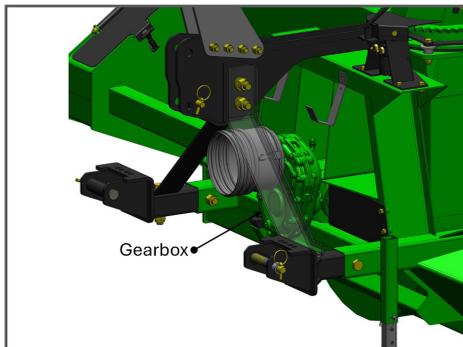
\*On hydrostatically driven tractors, less HP is required than the 200-350HP recommended for conventional tractors.



Deep snow? No problem with the SDX-144's 45 1/2" (1.15m) cutting height



2" tapered splined fan shaft is standard on the SDX-144. Shown in standard up position to work with 3pt tractor.



A Bondioli Italian made one-piece gearbox drives the SDX-144 Snowblower



The reduction box can be rotated in the down position to work with the FM350 front mount frame (future option).

## OPTIONS - SDX-144

- 1 3/8" 21 spline or 1 3/4" 20 spline size 9 Bondioli tractor shaft
- 3pt Cat 4 non quick hitch
- Heavy duty chute with double chute deflector and hydraulic cylinder
- Truck loading chute with hydraulic cylinder
- Folding truck loading chute
- Gauge wheels w/tapered roller bearings (For paved or concrete use only)



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