

# SCHULTE®

## RDX-110 • SDX-110

### AVALANCHE

# Snow Blowers



- 1** The RDX-110 uses a worm gear driven rotating drum allows snow to be ejected from left, right, or through the center chute. The ability to eject snow from the left or right of the fan housing increases efficiency. The fan housing (drum) uses a UHMW (high molecular plastic) bearing material to ease rotation and prevent freezing.
- 2** Schulte's RDX-110 & SDX-110 incorporate a 38" Five paddle open center cupped style fan which improves performance and is larger than most competitive designs on the market.
- 3** On both the RDX-110 & SDX-110, a 1000 RPM 250 HP gear driven drive system is standard. The fan is held in place by a 2" hardened splined shaft. A size 8 Bondioli & Pavesi power shaft is included with shear pin protection to power the blower.
- 4** On both the RDX-110 & SDX-110, 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** On both the RDX-110 & SDX-110, 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.
- 7** The SDX-110 has a stationary drum housing and throws snow only through the center chute.
- 8** Comes standard with 2" x 6" cylinder for chute deflection.

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

# 110" 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 23" bottom auger ensures that the fan is fed correctly and enables the snow blower to break into hard packed snow with greater ease.

Replaceable UHMW bearings on the rotatable drum and chute reduce freeze up and allow for easy rotation. The bearings on the back of the drum are adjustable for wear.

Rollers with brass bushings on the drum and chute allow for trouble free operation.

A worm gear reduction drive on the rotating drum creates a natural brake on the drum to resist rotation when not in use.

The chute 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 reduces blow back considerably in comparison to single deflectors.

Three position adjustable stake arms on the blower make adjusting for power shaft lengths a very simple job.

A large 2" 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 fan.

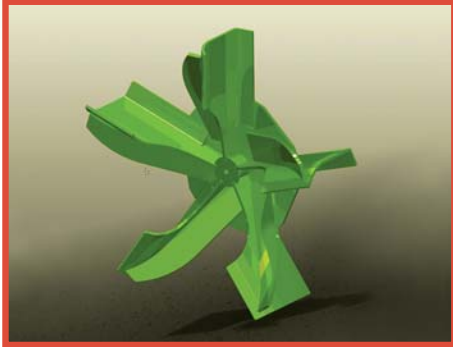
On hydrostatically driven tractors less horsepower is required than the 140 - 200 HP recommended for conventional tractors.



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- 250HP 3 Gear Parallel Reducer Box  
(Optional 2 gear for non conventional PTO rotation)
  - Removable rotating drum with hydraulically driven worm reducer drive
  - Rigid side deflector
  - Linked, double adjustable chute deflector
  - Gear driven hydraulic chute rotation mechanism
  - Reversible & replaceable blade
  - Adjustable skid shoes
  - 2" splined fan hub and shaft
  - Adjustable stake arms
  - Size 8 Bondioli and Pavesi Driveline
  - Park stand



# 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. SDX-110 and RDX-110 use a 23" bottom auger & 14" top auger. This type of design cuts into hard packed snow & feeds the fan with ease.



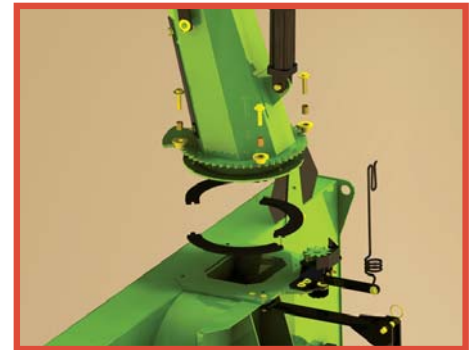
A double chute deflector with 2" x 6" cylinder is standard and reduces blow back considerably in comparison to single deflectors.



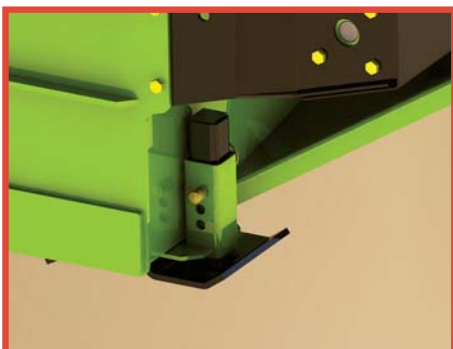
A gear driven 300 degree hydraulic chute rotator comes standard with a 7.3 cubic inch hydraulic motor.



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.



2" splined and heat treated fan shaft is standard on the SDX-110 and RDX-110. The reduction box can be rotated downward when used with the FM250/FM230 to reduce drive line angles.



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

# RDX-110 / SDX-110 Specifications

## SPECIFICATIONS

	RDX-110	SDX-110
Cutting Width	110" (2794mm)	110" (2794mm)
Cutting Height	45-1/2" (1156mm)	45-1/2" (1156mm)
Bottom Auger Diameter	23" (584mm)	23" (584mm)
Top Auger Diameter	14" (357mm)	14" (357mm)
Fan Diameter	38" (965mm)	38" (965mm)
Fan Type	5 paddle cupped style	5 paddle cupped style
Weight	2900lbs. (1315kg)	2516lbs. (1141kg)
PTO Speed	1000 RPM	1000 RPM
Auger Drive Chain	#80	#80
Capacity - Dry snow / Wet Snow	837tons/hr / 2633tons/hr	762tons/hr / 2394tons/hr
Tractor Horsepower	140-220 HP (104 - 149KW)	140-220 HP (104 - 149KW)

\* On hydrostatically driven tractors less horsepower is required than the 140 - 200 HP recommended for conventional tractors.

## RDX-110/SDX-110 OPTIONS

1. Standard gearbox
2. Non standard gearbox for tractors with counter clockwise rotation
3. 1 3/8" or 1 3/4" size 8 power shaft
4. Heavy duty chute w/cylinder kit
5. Truck loading chute w/cylinder kit
6. Gauge wheels w/tapered roller bearings



- Heavy duty gearbox & rotating housing mechanism -



- New gear & motor driven rotator  
Open right side eject port shown -



A perfect combination for Schulte's model SDX-960 and RDX-960 is the FM-300 front mount 3pt hitch frame.

## SPECIFICATIONS

	FM-300
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

# SCHULTE

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