

Frontier 3-Point Mounted Snowblowers



SB11 • SB12 • SB13 Series

When winter arrives, will you be ready?

Introducing the Frontier 3-Point Snowblowers – powerful, dependable, and built to tackle the toughest winter conditions. With three affordable series to choose from, these rear-mounted Snowblowers offer an effective solution to meet the demands of your job, and your budget.

There's the **economical SB11 Series Snowblowers**. They feature a 48 to 94 inch working width, and are ideal for farmstead and large-property owners. Match one up with your compact or small utility tractor up to 90 PTO horsepower, and you've got one commanding, yet cost-effective winter cleanup package.

Commercial property and municipalities? We've got that covered too! Try the **commercial-grade SB12 Series Snowblowers**. This is the tool designed to handle the rugged demands of contractors. Available in a 74- and 80-inch working width, the SB12 Series has all the muscle to move heavy, wet snow from multiple locations.

For larger snow removal chores, check out the **heavy-duty SB13 Series Snowblowers**. Big snow banks are no match for the wide 88- to 104-inch working width. They're perfect for rural customers who need to clear long driveways and large areas. Hook up one of these winter warriors to your utility or row-crop tractor up to 150 PTO horsepower for fast, efficient snow removal.

The Frontier Snowblowers are sold and supported by John Deere, the most trusted name in farm, ranch and lawn equipment. To help you choose the right Frontier Snowblower, talk to your local John Deere dealer, your exclusive source of Frontier Equipment.



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Skid Shoes



Frontier 3-Point Snowblowers are equipped with adjustable skid shoes prevent gouging on uneven surfaces. Also, the skid shoes allow you to better manage your operation with more control of the cutting edge height on your snowblower, increasing the overall performance. And best of all, these sturdy steel skid shoes provide added durability for long-lasting service.

Chute Rotation



The SB11 Series Snowblowers come standard with the manual chute rotation (above). Position the chute from the comfort of your tractor using the convenient adjustment lever. (Hydraulic chute rotation is optional.)



The SB12 and SB13 Series Snowblowers are equipped with a standard hydraulic chute rotation (optional on SB11, see left). Easy to use, the hydraulic chute rotation allows you to make effortless changes to chute rotation from the seat of your tractor.

Powerful, rugged Frontier 3-Point Snowblowers

Removal

Chute Deflector



Manual chute deflector is standard on all Frontier 3-Point Snowblowers. You can make simple adjustments to the chute deflector on the go to improve discharge accuracy. Or move up to an electric chute deflector as a dealer-installed option to pair with your cab tractors. *(Not available on the SB12 Series.)*



Upgrade to a hydraulic chute deflector for quicker and easier control, plus better accuracy. It's a great feature for tougher jobs, such as snow-packed city streets. Or when working around buildings or other confined areas.

Drum Rotation



Hydraulic drum rotation is an option on select SB13 Series Snowblowers. This convenient feature allows you to discharge snow – from the comfort and safety of your tractor seat – at a greater distance using lower horsepower. That's less wear and tear on both tractor and snowblower.

Dual Augers



Optional dual augers are available on certain Frontier 3-Point Snowblower models. The dual auger provides capacity to move larger volumes of snow. Dual augers are most productive in heavy drift conditions.



Tough winter chores call for high-performance Snowblowers

iMatch™ and Quick-Coupler Hitch System

Frontier 3-Point Snowblowers are compatible with the iMatch™ and Quick-Coupler ASABE Category 1, 2, and 3 quick-attach hitch systems. This innovative and affordable device converts the 3-point hitch to fixed hooks and attaching points, which allows for an easy connection.

The iMatch™ and Quick-Coupler systems are a welcome alternative to the sometimes challenging and awkward task of lining up 3-point hitch implements.



iMatch™



Frontier is proud to present our line of 3-Point Snowblowers. Sold and supported by John Deere dealers, our rugged and reliable lineup of SB11, SB12, and SB13 Series Snowblowers offer fast, efficient snow removal. Moving snow from your landscape is less demanding and much more manageable with these cost-efficient snow attachments. Parking lots, yards, driveways, roadways, or sidewalks – a Frontier Snowblower can handle the job.

Specifications

Model	SB1148	SB1154	SB1164	SB1174	SB1184
Warranty*	1-year machine 2-year gearbox				
Hitch compatibility	Cat. 1 & iMatch™	Cat. 1, Cat. 2 iMatch™ & Quick-Coupler			
Steel skid shoes	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Cutting edge	Welded	Welded	Welded	Welded	Welded
Park stand	Standard	Standard	Standard	Standard	Standard
Chute type	Two part				
Chute deflector	Manual standard				
Optional deflector adjustment**	3000 psi. (14,647 kPa) Hydraulic cylinder (or electric on cab only)	3000 psi. (14,647 kPa) Hydraulic cylinder (or electric on cab only)	3000 psi. (14,647 kPa) Hydraulic cylinder (or electric on cab only)	3000 psi. (14,647 kPa) Hydraulic cylinder (or electric on cab only)	3000 psi. (14,647 kPa) Hydraulic cylinder (or electric on cab only)
Chute rotation	Manual or hydraulic				
Drum rotation	-	-	-	-	-
Working height	24.625 in. (62.5 cm)	26 in. (66.0 cm)	26 in. (66.0 cm)	26 in. (66.0 cm)	34 in. (86.4 cm)
Transport width	48.5 in. (123.2 cm)	54.5 in. (138.4 cm)	64.5 in. (162.6 cm)	74.5 in. (189.2 cm)	85.25 in. (216.5 cm)
Working width	48 in. (121.9 cm)	54 in. (137.2 cm)	64 in. (162.6 cm)	74 in. (188.0 m)	84 in. (213.4 cm)
Length	38.5 in. (97.8 cm)	41 in. (104.1 cm)	41 in. (104.1 cm)	47.5 in. (120.7 cm)	55.5 in. (140.7 cm)
Roller chain	#50	#60	#60	#60	#60
Chain idler adjustment	Manual	Manual	Manual	Manual	Manual
Chute diameter	8 in. (20.3 cm)	8 in. (20.3 cm)	8 in. (20.3 cm)	12 in. (30.5 cm)	12 in. (30.5 cm)
Chute rotation	255 degrees	255 degrees	255 degrees	255 degrees	210 degrees
Auger diameter	15 in. (38.1 cm)	20 in. (50.8 cm)			
Optional secondary auger diameter	-	-	-	-	-
Auger speed	170 RPM (2.8 Hz)	170 RPM (2.8 Hz)	170 RPM (2.8 Hz)	200 RPM (3.33 Hz)	200 RPM (3.33 Hz)
Impeller speed	540 RPM (9 Hz)				
Impeller blades	4	4	4	4	4
Impeller diameter	20 in. (50.8 cm)	24 in. (61.0 cm)	24 in. (61.0 cm)	24 in. (61.0 cm)	27.5 in. (69.9 cm)
Tractor PTO speed	540 RPM (9 Hz)				
Min. tractor HP	16 PTO HP	16 PTO HP	20 PTO HP	30 PTO HP	35 PTO HP
Max. tractor HP	35 PTO HP	35 PTO HP	50 PTO HP	50 PTO HP	90 PTO HP
Auger overload protection	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt
PTO overload protection	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt
Operating weight****	390 lb. (176.9 kg)	475 lb. (215.5 kg)	505 lb. (229.1 kg)	640 lb. (290.3 kg)	1070 lb. (485.3 kg)
Shipping weight	410 lb. (185.9 kg)	495 lb. (224.5 kg)	525 lb. (238.1 kg)	660 lb. (299.4 kg)	1090 lb. (494.4 kg)
Set-up time	60 min.				



*Hour and/or usage limitations may apply. See Warranty for new John Deere Agricultural Products at your local dealer for details.

**Optional Electric Deflector available for cab tractors only - SB11 Series

***Optional hydraulic Drum Rotation

**** With Manual Rotation

Point Snowblowers

SB1194	SB1274	SB1280	SB1388	SB1392	SB1308	SB1309
1-year machine 2-year gearbox	1-year machine 2-year gearbox	1-year machine 2-year gearbox	1-year machine 2-year gearbox	1-year machine 2-year gearbox	1-year machine 2-year gearbox	1-year machine 2-year gearbox
Cat. 2 & Quick-Coupler	Cat. 1 & 2 iMatch™ & Quick-Coupler	Cat. 1 & 2 iMatch™ & Quick-Coupler	Cat. 2 & Quick-Coupler	Cat. 2 & Quick-Coupler	Cat. 2, Cat. 3 & Quick-Coupler	Cat. 2, Cat. 3 & Quick-Coupler
Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Welded	Replaceable	Replaceable	Bolt on/reversible	Bolt on/reversible	Bolt on/reversible	Bolt on/reversible
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Two part	Three part	Three part	2 part or 3 part	2 part or 3 part	2 part or 3 part	2 part or 3 part
Manual standard	Hydraulic standard	Hydraulic standard	Manual or hydraulic	Manual or hydraulic	Manual or hydraulic	Manual or hydraulic
3000 psi. (14,647 kPa) Hydraulic cylinder (or electric on cab only)	-	-	3000 psi. (14,647 kPa) Hydraulic cylinder	3000 psi. (14,647 kPa) Hydraulic cylinder	3000 psi. (14,647 kPa) Hydraulic cylinder	3000 psi. (14,647 kPa) Hydraulic cylinder
Manual or hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
-	-	-	Optional	Optional	Optional	Standard
34 in. (86.4 cm)	30 in. (76.2 cm)	30 in. (76.2 cm)	40 in. (101.6 cm)	44 in. (111.8 cm)	44 in. (111.8 cm)	44 in. (111.8 cm)
94.5 in. (240 cm)	74.5 in. (189.2 cm)	80.5 in. (204.5 cm)	88 in. (223.5 cm)	93 in. (236.2 cm)	99 in. (251.5 cm)	105 in. (266.7 cm)
94 in. (238.8 cm)	74 in. (188 cm)	80 in. (203.2 cm)	88 in. (223.5 cm)	92 in. (233.7 cm)	98 in. (248.9 cm)	104 in. (264.2 cm)
55.5 in. (140.7 cm)	49 in. (124.5 cm)	49 in. (124.5 cm)	61 in. (62.5 in.***) [154.9 cm (158.8 cm***)]	65.5 in. (67 in.***) [166.4 cm (170.2 cm***)]	65.5 in. (67 in.***) [166.4 cm (170.2 cm***)]	67 in. (170.2 cm)
#60	#60	#60	#80	#100	#100	#100
Manual	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
12 in. (30.5 cm)	10.5 in. (26.7 cm)	10.5 in. (26.7 cm)	12.75 in. (32.4 cm)	14.875 in. (37.8 cm)	14.875 in. (37.8 cm)	14.875 in. (37.8 cm)
210 degrees	270 degrees	270 degrees	310 degrees	310 degrees	310 degrees	310 degrees
20 in. (50.8 cm)	20 in. (50.8 cm)	20 in. (50.8 cm)	22 in. (55.9 cm)	24 in. (61.0 cm)	24 in. (61.0 cm)	24 in. (61.0 cm)
-	-	-	14 in. (35.6 cm)	15 in. (38.1 cm)	15 in. (38.1 cm)	15 in. (38.1 cm)
200 RPM (3.33 Hz)	200 RPM (3.33 Hz)	200 RPM (3.33 Hz)	190 RPM (3.2 Hz)	190 RPM (3.2 Hz)	190 RPM (3.2 Hz)	190 RPM (3.2 Hz)
540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)
4	4	4	5	5	5	5
27.5 in. (69.9 cm)	26 in. (66 cm)	26 in. (66 cm)	28.5 in. (72.4 cm)	31.5 in. (80.0 cm)	31.5 in. (80.0 cm)	31.5 in. (80.0 cm)
540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)	540 RPM (9 Hz)
35 PTO HP	30 PTO HP	30 PTO HP	55 PTO HP	75 PTO HP	100 PTO HP	100 PTO HP
90 PTO HP	80 PTO HP	80 PTO HP	85 PTO HP	125 PTO HP	150 PTO HP	150 PTO HP
Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt
Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt
1190 lb. (539.8 kg)	975 lb. (442.3 kg)	1010 lb. (458.1 kg)	1552 lb. (1754 lb.***) [704.0 kg (795.6 kg***)]	2044 lb. (2230 lb.***) [927.2 kg (1011.5 kg***)]	2115 lb. (2305 lb.***) [959.3 kg (1045.5 kg***)]	2336 lb. (1059.6 kg)
1210 lb. (548.8 kg)	900 lb. (408.2 kg)	935 lb. (424.1 kg)	1490 lb. (1690 lb.***) [675.9 kg (766.6 kg***)]	2145 lb. (2150 lb.***) [973.0 kg (975.2 kg***)]	2030 lb. (2190 lb.***) [920.8 kg (993.4 kg***)]	2251 lb. (1021 kg)
60 min.	60 min.	60 min.	90 min.	100 min.	100 min.	100 min.



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