

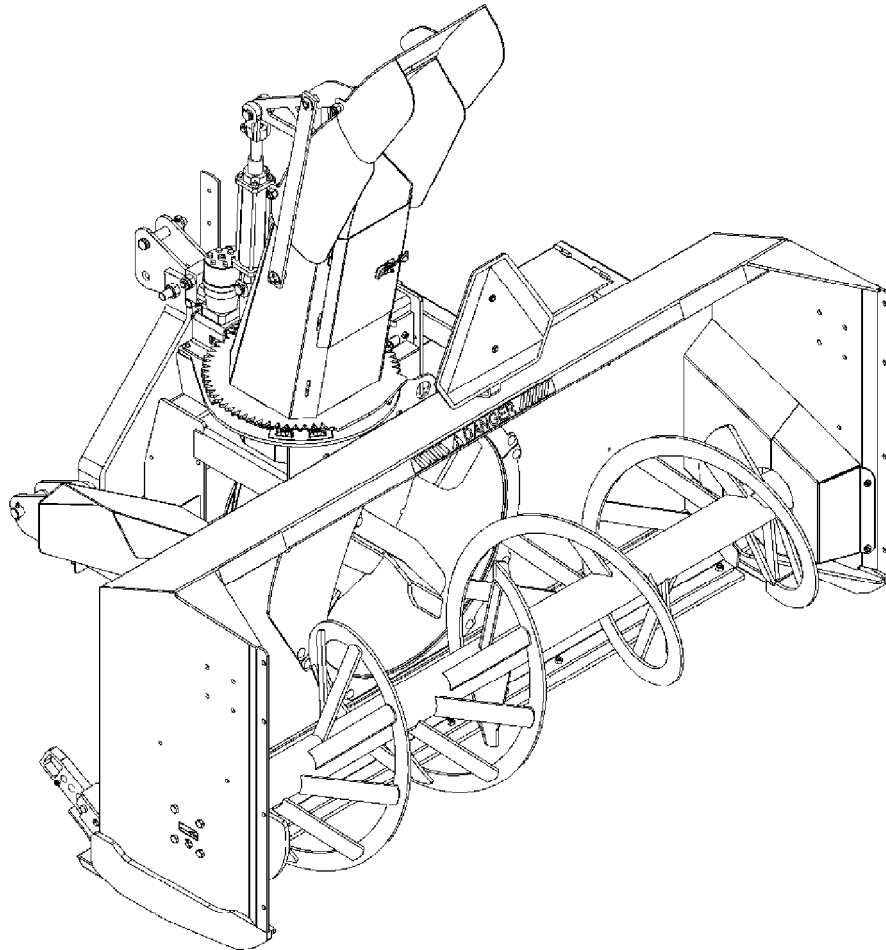
OPERATOR'S MANUAL

# SNOWBLOWER

SB1388

WITH ROTATING DRUM

Serial #: 1XFSB13X\_E0140001 & plus



**FRONTIER**

OM 0437SB1388R-A  
09/14

---

# TABLE OF CONTENT

---

SPECIFICATIONS.....	3
INTRODUCTION – TO THE PURCHASER.....	4
SAFETY PRECAUTIONS .....	5-10
General Information.....	5
Notice .....	6
The Snowblower .....	6
Before Operation.....	6
Snowblower Operation .....	6
Stay Clear of Rotating Drivelines .....	8
The Tractor.....	9
General Information .....	9
Operating the Tractor.....	9
During Operation.....	9
Maintenance .....	9
Transportation.....	10
Storage .....	10
SAFETY DECALS .....	11-12
ASSEMBLY.....	13-28
Tractor Preparation.....	13
Snowblower Assembly .....	13
Installation of SMV Sign .....	13
Installation of Three Point Hitch.....	14
Installation of the <b>5RDF0072</b> or <b>5RDF0073</b> Chute, and the Hydraulic Rotation .....	15
Installation of the <b>5RDF0071</b> Hydraulic Deflector– for 2 part Chute .....	16
Installation of the Hydraulic Hoses .....	17
A- Hoses of the chute rotation and the drum rotation.....	17
B- Hoses of the chute deflector.....	17
Installation of Second Auger - <b>5RDF0063</b> .....	19
Installation of Serrated Auger <b>5RDF0067</b> .....	20
Installation of Drift Cutters - <b>5RDF0074</b> .....	21
Installation of Stainless Skid Shoes - <b>5RDF0062</b> .....	21
Installation of Lower Hitches for Quick Hitch - <b>5RDF0077</b> .....	22
Installation of Snowblower with Three Point Hitch.....	23
Installation of Snowblower with Quick Hitch.....	24
Preparation of the driveline.....	25
Recommendations for driveline angles .....	25
Angles at Each End of Driveline .....	25
Determining Driveline Length .....	26
Driveline Installation .....	28
Removing Snowblower from Tractor.....	28

---

# TABLE OF CONTENT

---

OPERATION .....	29-31
General Preparation .....	29
Operating Controls .....	29
Raising and Lowering the Snowblower.....	29
Work and Travel Speed .....	29
PTO Operation.....	29
Chute Rotation Orientation.....	29
Drum Rotation Orientation.....	29
Hydraulic Chute Deflector Orientation .....	30
Adjustments .....	29
Manual Deflector Adjustment.....	30
Skid Shoe Adjustment.....	30
Chute Door Adjustment.....	30
Snow Removal Methods .....	31
MAINTENANCE .....	32-37
Maintenance.....	32
Driveline.....	32
Drum Rotation Lock Adjustment .....	32
Shearbolts .....	32
Driveshaft.....	32
Driveline .....	32
Chain Idler Adjustment .....	33
Lubrication.....	34
Driveline – Troubleshooting.....	35-37
PARTS .....	38-55
Introduction .....	38
Manual Holder .....	38
Snowblower Head .....	39
Snowblower Assembly – Front Part .....	40
Snowblower Assembly – Rear Part.....	42
Three Point Hitch.....	44
Chain Idler .....	46
Hydraulic rotations - chute and drum .....	47
Gearbox .....	48
Driveline .....	49
<b>5RDF0072</b> - Two Part Chute .....	50
<b>5RDF0073</b> - Three Part Chute .....	51
<b>5RDF0071</b> - Hydraulic Deflector.....	52
<b>5RDF0077</b> - Lower hitches for quick hitch .....	53
<b>5RDF0063</b> - Second Auger .....	54
<u><b>Other Options: Drift Cutters - Stainless Skid Shoes -</b></u> <b>Cutting Edges</b> CHT400, Tivar, Stainless – <b>Serrated Auger</b> .....	55
TORQUE SPECIFICATION TABLE .....	56

# SPECIFICATIONS

Specifications	SB1388R
<b>General</b>	
Type	2 phases
Direction of impeller rotation	CCW
PTO power requirements	55 - 85 Hp
Shipping weight (without chute)	1669 Lbs
Operating weight, incl. chute & hyd. deflect.	1745 Lbs
Set-up time	90 min
Working width	88 1/2"
Working height	41"
Overall width	88 1/2"
Overall height (without chute)	42 1/2"
Overall height (with three part chute closed)	81"
Overall length	61"
<b>Impeller</b>	
Impeller diameter	28"
Impeller width	12"
Number of impeller blade	4
Impeller shaft diameter	1 9/16"
Impeller RPM	540 RPM
<b>Auger</b>	
Auger - Single / dual	Single (dual in option)
Main auger diameter	23"
Auger driven system	Chain No.80
Second auger diameter	14"
Second auger driven system	Chain No.60
Auger RPM	185 RPM
<b>Drum</b>	
Rotating drum	Yes
Rotation of drum	Hydraulic by motor
Flow restrictor	Yes
<b>Housing</b>	
Housing thickness	11 Ga.
Side panel thickness	1/4"
Impeller housing thickness	1/4"
<b>Chute</b>	
Chute position	Right
Rotation of the chute	Hydraulic by motor
Flow restrictor (rotation)	Yes
Flow restrictor (deflector)	Yes
Hoses support	Yes
Deflector adjustment (2 part chute)	Manual (hydraulic in option)
Deflector adjustment (3 part chute)	Hydraulic
<b>Cutting edge</b>	
Replaceable and reversible cutting edge	Yes
Cutting edge material	Carb.steel (other mater.available)
Cutting edge dimension	1/2" x 4"
<b>Skid shoe</b>	
Replaceable and reversible skid shoe	Yes, 8 positions
Skid shoe material	Stand.steel (other mater.available)
<b>Drive and hitch</b>	
Main driving system	Driveline series 80
Chain idler	Twin sprokets w/compress.spring
Parking stand	Yes
Number of auger shear bolt	1 (on the driving shaft)
Number of impeller shear bolt	1 (on the driveline)
Type of hitch	3 pts, cat. 2
Compatibility with quick hitch	Requires kit 5RDF0077

---

# INTRODUCTION

---

## **TO THE PURCHASER**

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. **Read and understand this manual before operation.**

This manual has been prepared to assist the owner and operators in the safe operation and suitable maintenance of the implements. The information was applicable to products at the time of manufacture and does not include modifications made afterwards.

Read and understand this operator's manual before attempting to put an implement into service. Familiarize yourself with the operating instructions and all the safety recommendations contained in this manual and those labeled on the implements and on the tractor. Follow the safety recommendations and make sure that those with whom you work follow them.

*The Dealer is responsible for warranty registration of the unit you have purchased. To assist your dealer in handling your needs, please record hereafter the model number and serial number of your implement and tractor. It is also advisable to supply them to your insurance company. It will be helpful in the event that an implement or tractor is lost or stolen.*

MODEL :

---

SERIAL NUMBER :

---

DATE OF PURCHASE :

---



**¡ LEA EL INSTRUCTIVO!**

**Si no lee Ingles, pida ayuda a alguien que si lo lea para que le traduzca las medidas de seguridad.**

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)