



IGLAND

User manual

Snow Blower

SB 2272 / SB 2580 / SB 2580 SlideFlex



Read through the entire manual before using the product. It contains important safety information.



nøsted &

Thank you for choosing a snow blower from IGLAND!

This user manual is designed to provide you with thorough information on the use, installation, safety, and maintenance of the equipment.

It is important that you read this manual carefully before using the machine.

The safety of our users is our highest priority. This manual contains important information on how to use the machine safely and avoid potential hazards.

To ensure your safety, we want you to be aware of and consider that accidents, misuse, and equipment failure can lead to dangerous situations. It is important that you position yourself during work so that any accident does not result in personal injury.

The instructions provided in this manual must always be followed. Careless or incorrect use can result in serious injury or death. Modifications or other alterations to the original design of the product are made at your own risk and responsibility. It is important to note that any modification or alteration of the product will void the warranty.

For a valid warranty, please note that the acceptance form supplied with the product must be returned within 14 days.

If you have any questions or need assistance, please contact our service center at +47 479 20 192. Always state the type, serial number, and year of manufacture when making inquiries and ordering parts.

We are here to help you have a safe and enjoyable user experience.

Product	
IG720505	SB 2272
IG723001	SB 2580
IG723201	SB 2580 SlideFlex

Revised	Apr. 18
Published	06/22/2023
P/N	IG390431
Website	Nosted.com/igland
Email	corporate@igland-as.com
Phone	+47

Reproduction of text or illustrations without permission is prohibited.

AI-translated from the original user manual

# TABLE OF CONTENTS	PAGE
1. Optional accessories	4
1.1. Igland SB 2272	4
1.2. Igland SB 2580	4
1.3. Igland SB 2580 SlideFlex	4
2. Safety instructions	5
2.1. General safety instructions	5
2.2. Safe use	5
2.3. Storage	6
3. Main components	7
4. Technical specifications	8
4.1. Igland SB 2272	8
4.2. Igland SB 2580	8
4.3. Igland SB 2580 SlideFlex	8
5. Installation	9
5.1. Mounting the cutter	9
5.1.1 Ejector	9
5.1.2 Hydraulic lowering of the nozzle (optional extra on 2272)	9
5.1.3 Hydraulic edge wing (optional on 2580/2580 SF)	9
5.1.4 Wheels (optional on 2580/2580 SF)	9
5.2. Mounting on tractor	10
6. Operation	10
6.1. Mechanical lowering of the spout	10
7. Maintenance and storage	11
7.1. Service table	11
7.2. Chains	11
7.3. Lubrication points	12
7.4. Oil change	12

1. EXTRA EQUIPMENT

Igland SB 2272	
DESCRIPTION	PRODUCT NO.
PTO shaft, Walterscheid 2400 1 3/4"	IG209160
Wheel, complete, dim 11x7x4, Truck, 2 pcs.	IG733010
Igland tool part for Lyng Triangle coupling	IG143210
Igland tool part for HMV quick coupling	IG720508
Spring release on drawbars	IG720506
Toothed wear steel	IG720516
Smooth wear steel	IG720515
Perforated wear steel	IG720510
Hydraulic tip lowering	IG720509

Igland SB 2580	
DESCRIPTION	PRODUCT
PTO shaft, Walterscheid 2400 1 3/4"	IG209160
PTO shaft, Walterscheid 2500 1 3/4"	IG209180
PTO shaft, Walterscheid P500 1 3/4"	IG209193
Wheel, complete, dim 4.00x8, 2 pcs.	IG723010
Spring release for drawbars (not for HMV or triangle)	IG722012
Edge cutter left side, increases width by 5 cm	IG723012
Igland tool part for HMV quick coupling	IG722016
Hydraulic edge wing, with shock valve Right side, increases width up to 30 cm.	IG723014
Toothed wear steel	IG723090
Smooth wear steel	IG723015
Perforated wear steel	IG723091

Igland SB 2580 SlideFlex	
DESCRIPTION	PRODUCT NO.
PTO shaft, Walterscheid 2400 1 3/4"	IG209160
PTO shaft, Walterscheid 2500 1 3/4"	IG209180
PTO shaft, Walterscheid P500 1 3/4"	IG209193
Wheel, complete, dim 4.00x8, 2 pcs.	IG723010
Spring release for drawbars (not for HMV or triangle)	IG723212
Edge cutter left side, increases width by 5 cm	IG723012
Igland tool part for HMV quick coupling	IG143170
Hydraulic edge wing, with shock valve Right side, increases width by up to 30 cm.	IG723214
Toothed wear steel	IG723090
Smooth wear steel	IG723015
Perforated wear steel	IG723091



2. SAFETY INSTRUCTIONS

2.1 General safety instructions

To ensure safe use of the snow blower, it is important to follow our safety instructions carefully.

- **Read the user manual:** Before using the product and any accessories, read and review the user manual carefully to understand proper use and maintenance.
- **Area of use:** Never use the product for tasks other than those for which it is designed. The machine must only be used for clearing snow. The manufacturer is not liable for damage or destruction caused by misuse of the equipment.
- **Safety distance:** Always observe safety distances and ensure that you maintain a safe distance from moving parts during operation. The risk zone around the machine is 20 meters.
- **Personal protective equipment:** Always wear the necessary personal protective equipment, including ear protection, gloves, and safety shoes during operation.
- **Risk of crushing:** Be aware of the risk of crushing from all moving parts.
- **Emergency preparedness:** Keep first aid equipment and emergency numbers readily available in case of an accident or emergency.
- **Modifications or other alterations** to the original design of the product are made at your own risk and responsibility. It is important to note that any modification or alteration of the product will void the warranty.
- **Inspect the product** for signs of wear, damage, or loose parts and screws. Check and, if necessary, retighten loose screws and nuts. Check that hoses and couplings are not damaged or defective. Replace worn or damaged parts with components approved by the manufacturer. All damage must be repaired before the product can be used again.
- **Keep a record of maintenance and repairs** performed on the product.
- **The operator is responsible for complying with applicable laws.**

2.2 Safe use

To ensure your safety, please observe the following points.

- **Follow safety rules and exercise the utmost caution** to limit and prevent accidents.
- **Ensure that connections** are made safely.
- **Only use the snow blower** for its intended purpose.
- **The machine must not be operated** by more than one person at the same time.
- **Never allow inexperienced persons to operate the machine** without the necessary training.
- **Respect the age limit of 18 years** for use of the machine.
- **Ensure that the product is in good condition before use** and has undergone regular maintenance checks. Check that all safety devices are in good working order and in place.
- **Always ensure that warning signs are visible and legible at all times.**
- **The maximum permissible oil pressure** is 200 bar.
- **The maximum permissible oil quantity** is 40 liters/min.
- **Keep a safe distance from moving parts** and be aware of the risk of crushing injuries.
- **Do not allow anyone to stand between the machine and the tractor** when the machine is connected to the tractor or in use.
- **All covers over rotating parts must** be fitted during use.
- **Never stand** between the tractor and the implement.
- **Never wear loose clothing** such as scarves, shawls, long coats, etc.
- **Keep children and animals** away from the work area.
- **Never use the machine** if any components are missing or defective.
- **Never start the power source while** the **PTO** outlet is engaged.



- **Always point the ejector chute in a safe direction.** Check the rotation limiter before use.
- **Never perform maintenance** or adjustments while the power source (tractor) is running.
- **Never work under a raised product** unless it is mechanically secured against falling.
- **Always keep at least 20%** of the total weight on the front wheels.
- **Never use anything other than** shear bolts/safety bolts (if fitted).
- **Never use a PTO shaft other** than one approved by the manufacturer.
- **Be aware** of your surroundings and the ground surface when using the machine. The cutter may protrude to the side or far back, and there may be manhole covers, curbs, etc. under the snow.

2.3 Storage

- Park on firm, level ground when storing the product.
- Before leaving the machine, lower the implement to the ground, apply the brakes, and shut off the power source.
- Keep the machine free of snow and ice when parking.



3. MAIN COMPONENTS



No. Main components

- | | | |
|----------------------------|---------------------------------------|---------------------------------|
| 1. Feed blades | 6. Slideflex (only on 2580 Slideflex) | 11. Swing ring |
| 2. Wear steel | 7. Top link attachment | 12. Oil engine |
| 3. PTO | 8. Ejector spout | 13. Chain covers |
| 4. Ejector fan | 9. Folding flap | 14. Break bolts |
| 5. Attachment for drawbars | 10. Sliding shoe | 15. Extra shear bolts and tools |

4. TECHNICAL SPECIFICATIONS

	SB 2272	SB 2580	SB 2580 SlideFlex
Tractor size	60-100 hp	80-120 hp	80-150 hp
Width	2.2 m	2.5 m	2.5 m
Fan diameter	70 cm	80 cm	80 cm
Diameter of feed screw	40	44 cm	44 cm
Working height	82 cm	93 cm	93 cm
Weight	730 kg	930 kg	1100 kg

5. ASSEMBLY

Always wear personal protective equipment: safety shoes, ear protection, and gloves. gloves. Use lifting lugs if the machine is to be moved.



5.1 Lifting lugs

5.1.3 Hydraulic edge wing

(optional extra on 2580/2580 SF) Remove the original edge steel. Screw the edge wing onto the milling machine.



5.1.3.1 Attaching the edge wing

5.1 Mounting the cutter

5.1.1 Ejector nozzle

Mount the ejector nozzle to the slewing ring, if it is supplied separately. The chute is secured with four bolts and nuts.



5.1.1.1 Attaching the nozzle

5.1.2 Hydraulic folding of the nozzle (optional extra on 2272)

Remove the lever for mechanical lowering. Attach the cylinder at the same points and secure the hoses with holders in the flat bar. Check that there is enough slack in the hoses to rotate the nozzle completely.



5.1.2.1 Attachment points for hydraulic lowering

Attach the cylinder to the bolt. The shock valve is mounted in the bracket above the cylinder. Lay the hoses so that they are not damaged during use.



5.1.3.2 Bolt for cylinder and shock valve holder

5.1.4 Wheels (optional extra on 2580/2580 SF)

The wheels are mounted in bolt holes on each side of the cutter. The nut must be on the outside of the cutter so that the bolt does not touch the feed screw.



5.1.4.1 Bolt holes for wheels

5.2 Mounting to tractor

Connect the drawbars and top link. Select category 2 or 3 bolts for the drawbars.

The minimum length of the PTO shaft is adjusted so that it is 20 mm shorter than the horizontal distance between the cutter and the tractor.

Connect the PTO shaft.

Connect all hydraulic hoses.

Adjust the skids or wheels approx. 1 cm lower than the wear plate.

6. OPERATION

Start the tractor's PTO, lower the tiller and start driving. The PTO should be run at a steady speed, maximum 540 rpm. Low PTO speed results in lower capacity and shorter throwing distance.

Swivel and any hydraulic lowering are operated using the tractor's tilt outlet.

Always keep the ejector nozzle facing in a safe direction. Stones and other foreign objects can cause serious damage.

Watch out for edges, stones, manhole covers, and similar obstacles. Bear in mind that the auger may protrude beyond the tractor.

Adjust the driving speed to the amount of snow so that the snow blower has time to clear the snow.

Make sure that hoses are not stretched when operating and lifting the snow blower.

Never feed anything other than snow into the machine.

Adjust the top link so that the snow blower follows the ground if slotted tracks are not used.

Hydraulic Slideflex (SB 2580 Slideflex only) is operated using the tractor's hydraulic outlet.

6.1 Mechanical lowering of the nozzle

Remove the cotter pin. Pull the lever to the side and push it to the desired position. Lock the lever with the cotter pin. SB 2272 only.



6.1.1 Mechanical lowering of the nozzle

7. MAINTENANCE AND STORAGE

Stop the tractor before performing maintenance. Never perform work under a raised machine.

Tighten the chains by loosening the screw(s) on the tensioner and moving it to the desired position.

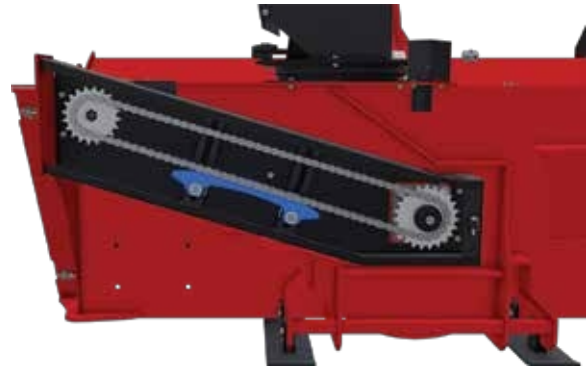
7.1 Service Table

Snow Blower SB 2272 - 2580 - 2580 SlideFlex

Interval	Component	Description
First 10 hours	Screws and nuts	Retighten
	Chain drives	Check chain tension.
Every 10 hours	Sliding surfaces	Lubricate with oil
	Lubrication points	Lubricate with grease
	Ball bearing	Lubricate with grease, Artic Castrol 325, or other cold-resistant grease.
Every 50 hours	Moving parts	Lubricate with oil
	Wear blade	Replace as needed
	Chain drives	Check chain tension
	Chain drives	Lubricate with chain spray or grease.
"Every 100 hours / Annually"	Screws and nuts	Retightened
	Angle drive	Change oil. Quantity 1.15 l Type ISO VG 150 EP (alternative SAE 90EP GL4) ternative SAE 90EP GL4)



7.22 Chain tensioner, rear



7.23 Chain tensioner, rear

The chains are lubricated according to the lubrication table.

7.2 Chains

Loosen the locking pins and remove the covers to access the ball bearings, chains, and chain tensioners.



7.2.1 Covers over chains



7.24 Chains

7.3 Lubrication points



7.3.5 SB 2580 spout



7.3.2 Ball bearings



7.3.6 Hydraulic edge wing



7.3.3 Swing ring

7.4 Oil change

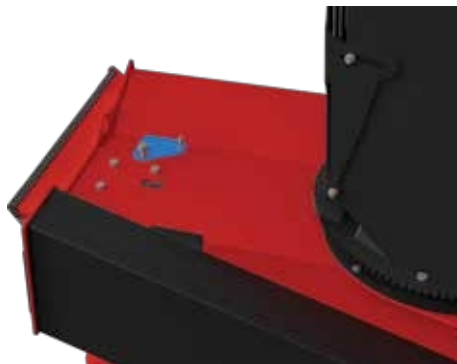


7.4.1 Gearbox



7.3.4 SB 2272 spout

Remove the cover to access the filler cap. Drain the oil from the bottom and fill with new oil according to the table.



742 Cover over gearbox

NOTES

NOTES



IGLAND Workshop and Service Center

Our Workshop and Service Center in Mandal provides technical support for all our products.

We service and repair older and well-used winches. This extends the life of the products and is good for the environment.

Do you need:

Technical support for timber trailers

Accessories or additional equipment

An appointment for service or repair of a

winch Call our service office on +47 372 56 200

Email: service.igland@nosted.com

nøsted &

Doneheia 17, 4516 Mandal