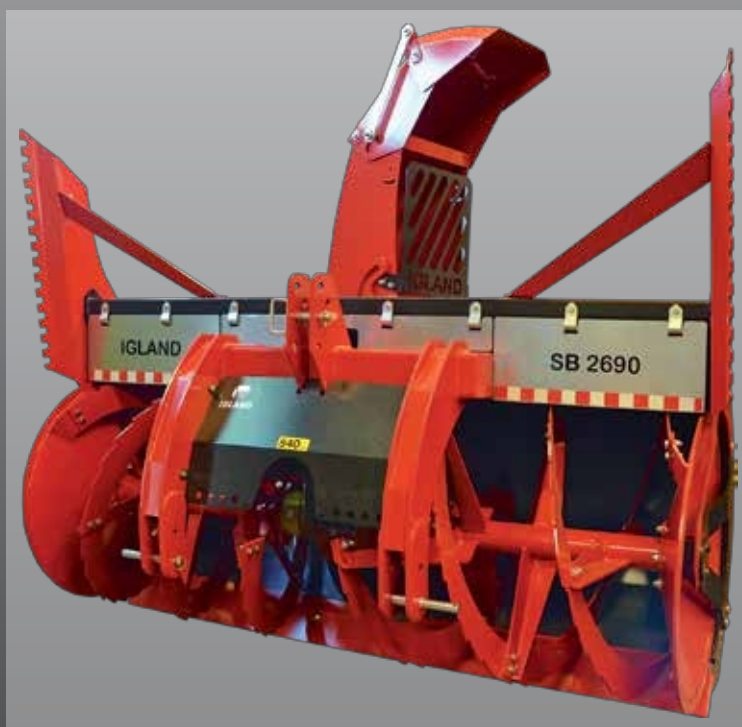




IGLAND

User manual

Snow
blower
SB 2690



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 detailed information about 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 top 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.

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	
IG724002	SB 2690
IG724003	SB 2690
IG724004	SB 2690
IG724005	SB 2690

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AI-translated from the original user manual

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1. EXTRA EQUIPMENT

SB 2690	
DESCRIPTION	PRODUCT
Side plates, right and left, set (total width 2.75 m)	IG724028
Edge trays, right and left, set	IG724026
PTO shaft, Walterscheid (100 RPM) 2500 M186, for front mounting	IG209191
PTO shaft, Walterscheid P500 1 3/4", for reversing and towing	IG209193
PTO shaft, Walterscheid P600 1 3/4", for reversing and towing	IG209195
Truck tow wheel, complete set, dim. 6.00x9	IG724017
Gearbox, for 3-point front mounting 1000 rpm	IG724018
Edge cutter set (total width 2.9 meters) Only in combination with IG724003 or IG724005	IG7240
Top cutter, set (total width 2.6 meters) (not compatible with IG724012 or IG724028)	IG724020
Perforated wear plate	IG724021
Toothed wear steel	IG724022
Smooth wear steel	IG724023



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 to clear 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 hearing 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. Never use non-original break bolts/safety bolts.
- **The machine must never be used** if components are missing or defective.
- **Before an overview of maintenance and repairs** carried out on the product.
- **The operator is responsible for complying with applicable laws.**



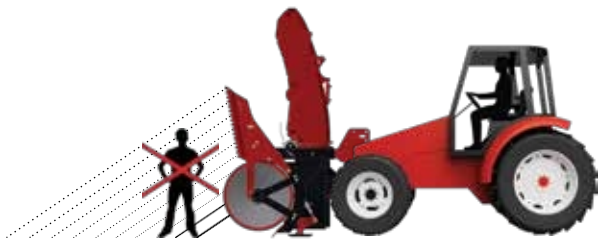
2.2 Safe use

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 only be used to clear snow.
- **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 using machines.
- **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.
- **Any defective marker lights** must be repaired immediately.
- **Any defective reflective tape** must be repaired immediately.
- **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. Be aware of the risk of crushing at the slewing ring.
- **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.



- **Always point the ejector chute in a safe direction.**
Check the rotation limit before use.
- **Never perform maintenance** or adjustments while the power source (tractor) is running. Always stop the power source before performing maintenance. Remember that the feed screw and fan may be under tension.
- **Never perform work** under a raised machine.
- **Always keep at least 20%** of the total weight on the front wheels.
- **Always use original** shear bolts/safety bolts (if fitted).
- **Never use a PTO shaft other** than one approved by the manufacturer. Check that it is adapted to 540 or 1000 rpm.
- **Be aware** of your surroundings and the ground surface when using the machine. The cutter can protrude to the side or far back, and there may be manhole covers, curbs, etc. under the snow. Remember that stones can be ejected from the nozzle with great force.
- **Ensure you have a good overview** of the work area.
Be aware that the snow blower limits your field of vision, especially when mounted at the front and when reversing.

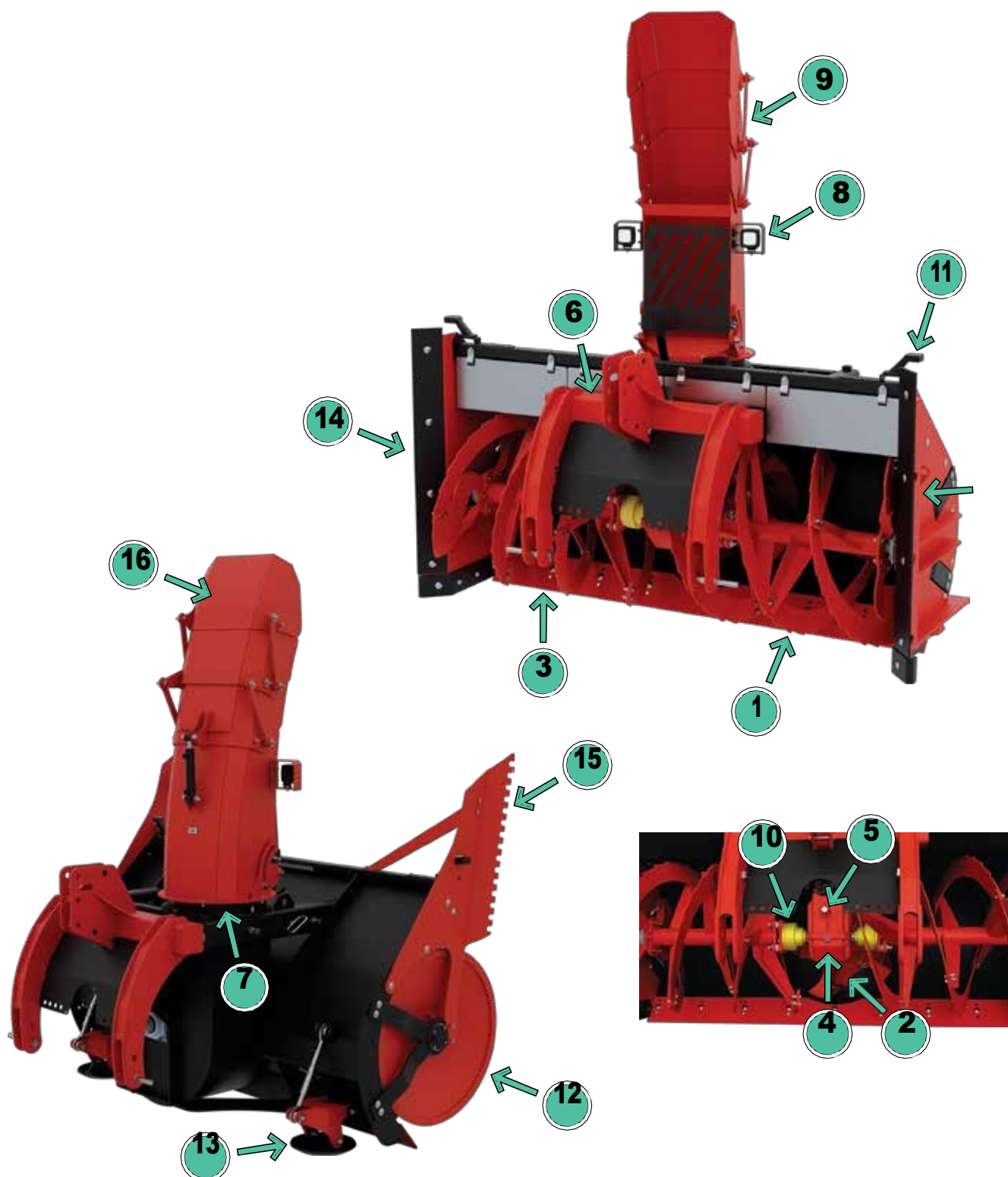


2.3 Parking and storage

- 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.
- Be aware of the risk of crushing when connecting and disconnecting the implement.
- If the machine needs to be lifted, always use the lifting points when moving, etc.



3. MAIN COMPONENTS



No. Main components

- | | | |
|-------------------------|-----------------------|----------------|
| 1. Feed screw | 7. Swing ring | 13. Skid shoes |
| 2. Ejector fan | 8. Work lights | 14. Edge bowl |
| 3. Wear steel | 9. Ejector | 15. Top cutter |
| 4. Distribution gearbox | 10. Automatic release | 16. Nose break |
| 5. PTO pin | 11. Marker lights | |
| 6. 3-point frame | 12. Bucket wheel | |

4. TECHNICAL SPECIFICATIONS

Igland SB 2690	
Tractor size	150-300 hp
Width	2.6 m
Fan diameter	90 cm
Diameter of feed screw	95
Working height	1.45 m/2.1 m with top cutter
Weight	1700 kg
PTO speed rear-mounted, standard	1000 rpm
Rear PTO speed, optional	540 rpm
PTO speed, front-mounted	1000 rpm
PTO speed, reverse	540 rpm

5. ASSEMBLY

5.1 Preparation

Always wear personal protective equipment: safety shoes, ear protection, and gloves.

Any lifting must be done using the lifting lugs. Please note that the center of gravity may vary depending on where the 3-point frame is mounted and any optional equipment.



5.1.1 Lifting lugs

5.2 Three-point frame

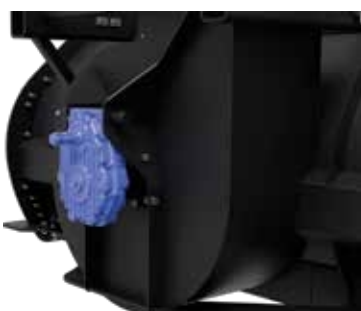
The three-point frame is mounted in the desired direction, either in front of or behind the cutter. Lock the frame with a through bolt and set screws on the sides and above.



5.2.1 Mounting points for three-point frame

5.3 Gearbox

When reversing or front mounting, check that the tiller is configured for the correct direction of rotation. An additional gearbox must be fitted for front mounting, but not for reversing.



5.3.1 Gearbox for front mounting

Lock the gearbox sideways with a spring, washer, and bolt in the sleeve. The axle pin is secured with a bolt and washer.



5.3.2 Mounting the gearbox

5.4 Ejector

The horn is mounted with four screws if it is supplied separately.



5.4.1 Gearbox mounting

Check that the stops for the nozzle are mounted for the correct direction of travel. Test the nozzle's movement and move the stop if necessary. The hose holder must be located on the same side as the three-point frame.



5.4.2 Stop pin and hose holder

5.5 Connection to tractor

Be aware of the risk of crushing when connecting and

disconnecting the implement! Connect the drawbars. Select

bolt category 2 or 3.

Connect the top link at the desired height, or use the slotted track. Adjust the top link so that the tiller is horizontal on the ground.

Cut the PTO shaft so that it is 2 cm shorter than the horizontal distance between the tractor and the tiller. Follow the shaft manufacturer's instructions for cutting.

Connect the PTO shaft.

Connect the hydraulic hoses to the tractor's double-acting outlet.

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



5.5.1 Stop pin and hose holder

6. OPERATION

6.1 Before use

NB! Please note that visibility of the feed screws is limited when front mounting and reversing.

Check the specified maximum PTO rpm for the tiller. Make sure to use a suitable PTO shaft and the correct speed on the tractor. If in doubt, rotate the feed screws by hand when the tractor is disconnected. If the tiller is configured for 540 rpm, the fan should rotate at the same speed as the PTO shaft. For 1000 rpm, the fan speed is halved in relation to the PTO shaft.

Test all functions before using the tiller in snow.

6.2 Use

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

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

Turning and lowering the chute is controlled by the tractor's hydraulic control.

Always point the ejector chute 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 snow blower 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.

Be aware of the tractor's center of gravity when lifting the snow blower.

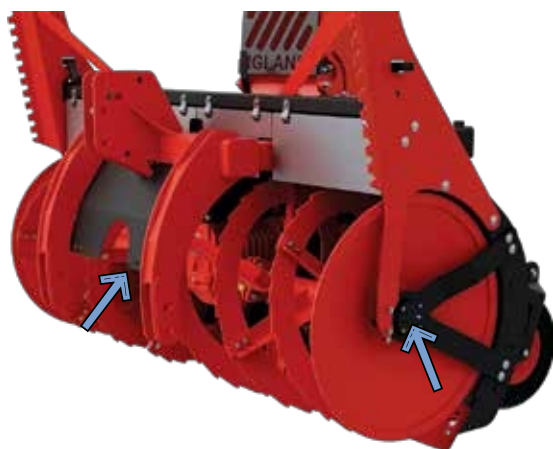
7. MAINTENANCE AND STORAGE

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

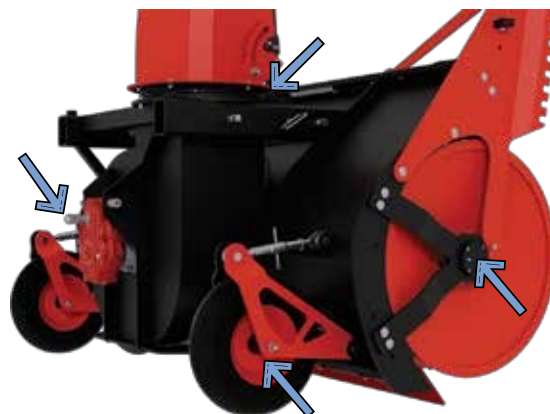
7.1 Service schedule

Interval	Component	Description
First 10 hours	Screws and nuts	Retighten
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
"Every 100 hours / Annually"	Screws and nuts	Retightened
	Distribution gearbox	Change oil. Quantity approx. 5L Type Mobilgear SHC XMP320 600XP, or equivalent
	Reversing gearbox (optional)	Change oil. Quantity approx. 1L Type Mobilgear SHC XMP320 600XP, or equivalent

7.2 Lubrication points



7.2.1



7.2.2

7.3 Oil change

Park the tiller on level ground to ensure that the correct amount of oil is filled.

Oil for the distributor gearbox is filled into the level plug at the front, up to the plug. See the service table.



7.3.1 Distribution gearbox

Adjust the top link so that the tiller follows the ground if the slotted track is not used.



7.3.2 Reversing gearbox

7.4 Storage

Park the tiller on a flat, firm surface. Lubricate all lubrication points before seasonal storage. Retract the hydraulic cylinder or protect it with grease. Surfaces with worn paint should be treated with either new paint, oil, or similar to protect against rust.



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.

You need:

Technical support for timber trailers

Accessories or additional equipment

Appointment for service or repair of winches

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