



**IGLAND**

# User manual

Log Grapple  
GR 20 / GR 30



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

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**Thank you for choosing a log grapple 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 tool.

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.

|                 |              |
|-----------------|--------------|
| <b>Product</b>  |              |
| <b>IG224010</b> | <b>GR 20</b> |
| <b>IG224110</b> | <b>GR 30</b> |

|                  |                         |
|------------------|-------------------------|
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| <b>P/N</b>       | IG390677                |
| <b>Website</b>   | Nosted.com/igland       |
| <b>Email</b>     | corporate@igland-as.com |
| <b>Phone</b>     | +47                     |

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*AI-translated from the original user manual*

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## # 1. EXTRA EQUIPMENT

| <b>Igland GR 20</b>                                                          |                    |
|------------------------------------------------------------------------------|--------------------|
| <b>DESCRIPTION</b>                                                           | <b>PRODUCT NO.</b> |
| Extension set                                                                | IG224022           |
| Stone plate                                                                  | IG224070           |
| Mounting bracket for SMS                                                     | IG500050           |
| Mounting bracket for HVM and SMS                                             | IG500056           |
| Mounting bracket for Avant/Multione                                          | IG500048           |
| Mounting bracket for Triangle quick coupling                                 | IG500059           |
| Mounting bracket for 3-point mounting                                        | IG500063           |
| Mounting bracket for Scan Frame                                              | IG500044           |
| Mounting bracket for JCB Compact Tool carrier                                | IG500043           |
| Mounting bracket for S40 excavator attachment                                | IG500046           |
| Mounting bracket for S50 excavator attachment                                | IG500047           |
| Mounting bracket for old Ålø type 3                                          | IG224012           |
| Mounting brackets for Euro combi                                             | IG224013           |
| Mounting brackets for Euro (John Deere)                                      | IG224028           |
| Mounting brackets for John Deere 400                                         | IG224016           |
| Mounting brackets for John Deere 400/500                                     | IG224026           |
| Mounting brackets for skid steer loaders                                     | IG224017           |
| Mounting brackets for JCB 406-407-409, "Small" Volvo-Zettelmeyer 502-602-702 | IG224019           |

| <b>Igland GR 30</b>                                                          |                    |
|------------------------------------------------------------------------------|--------------------|
| <b>DESCRIPTION</b>                                                           | <b>PRODUCT NO.</b> |
| Extension set                                                                | IG224022           |
| Stone plate                                                                  | IG224115           |
| Mounting bracket for SMS                                                     | IG500050           |
| Mounting bracket for HVM and SMS                                             | IG500056           |
| Mounting bracket for Avant/Multione                                          | IG500048           |
| Mounting bracket for Triangle quick coupling                                 | IG500059           |
| Mounting bracket for 3-point mounting                                        | IG500063           |
| Mounting bracket for Scan Frame                                              | IG500044           |
| Mounting bracket for JCB Compact Tool carrier                                | IG500043           |
| Mounting bracket for S40 excavator attachment                                | IG500046           |
| Mounting bracket for S50 excavator attachment                                | IG500047           |
| Mounting bracket for old Ålø type 3                                          | IG500053           |
| Mounting brackets for Euro combi                                             | IG500062           |
| Mounting brackets for Euro (John Deere)                                      | IG500061           |
| Mounting brackets for John Deere 400/500                                     | IG500067           |
| Mounting brackets for skid steer loaders                                     | IG500064           |
| Mounting brackets for JCB 406-407-409, "Small" Volvo-Zettelmeyer 502-602-702 | IG500054           |



## # 2. SAFETY INSTRUCTIONS

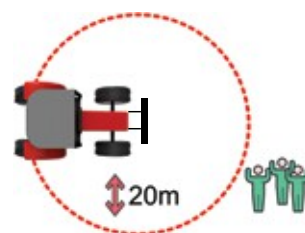
**## 2.1 General safety instructions** To ensure safe use of the equipment, it is important to follow our safety instructions carefully.

- **Read the user manual:** Before using the equipment, read and review the user manual carefully to understand its proper use and maintenance.
- **Area of use:** The tool is designed for lifting timber, stones, and branches. Never use the tool for tasks other than those for which it is designed. 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.
- **Operation:** Familiarize yourself with the functions to the product. Ensure that only qualified and trained personnel use the equipment. Exercise extreme caution.
- **Personal protective equipment:** Always wear the necessary personal protective equipment, including safety glasses, 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. 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** carried out on the product.

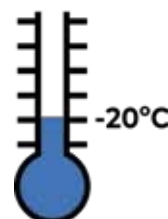


## ## 2.2 Safe us

- **Follow safety rules and exercise extreme caution** to limit and prevent accidents.
- **Always ensure that all warning signs** are visible and legible at all times.
- **Ensure that all spectators** are at a safe distance when the product is in use.
- **A safety zone of 20 meters** must be respected.



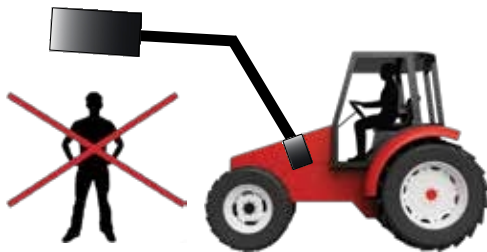
- **Only use the tool** for its intended purpose.
- **The tool must only be used** on the machine's loading device.
- **Do not use the tool at temperatures** below -20 °C.



- **Ensure that the product is in good condition before use** and has undergone regular maintenance checks. Lubricate the machine as specified.
- **Avoid wearing scarves and other loose clothing** that could get caught in moving parts.
- **Never overload** the product's capacity and follow the manufacturer's recommendations.
- **The product's control levers should only be used** while the operator is seated inside the machine.



- **The machine must be operated** by one operator.
- **Always test the tool** without timber first.
- **Lift in** a suitable location.
- **Ensure that moving parts do not** come into contact with the hydraulic components.
- **Avoid unnecessary strain on hoses and cables** when moving the loading equipment.
- **Avoid lifting high**, as this may cause the tractor to tip over.
- **Avoid uneven loads** and always keep the load balanced.
- **Never walk under the lifted machine and implement.**
- **Never leave the machine with the implement raised.**



- **Maintenance should only be carried out** with the engine switched off.
- **Always disconnect the hydraulic functions** during repairs and maintenance.
- **Never perform maintenance under a raised machine and implement.**

## ## 2.3 Storage

- Exercise caution during assembly/disassembly.
- Store the tool in a dry and safe place.
- Always park on level and firm ground.
- Prevent children from climbing or playing on or near the equipment.



## ## 2.4 Checklist before us

- Always inspect the product for wear and damage before use. Any damage must be repaired by qualified personnel before the equipment is used again.
- Ensure that you have a full overview of the work area.
- Keep children and pets away from the work area.
- Check hydraulic hoses and couplings. Oil leaks under pressure can cause personal injury.
- Ensure that all moving parts are clean before use and remove snow, ice, and foreign objects before use.
- Follow safety rules to limit and prevent accidents.



### #3. MAIN COMPONENTS



**No. Main components**

1. Upper arm
2. Lower arm
3. Cylinder
4. Attachment to tool holder

**# 4. TECHNICAL SPECIFICATIONS**

| <b>Igland GR 20</b>         |             |
|-----------------------------|-------------|
| Max. opening                | 103 cm      |
| Min. opening                | 0 cm        |
| Cylinder force (at 180 bar) | 7 tons      |
| Length/Height/Width         | 60/98/80 cm |
| Weight                      | 145 kg      |

| <b>Igland GR 30</b>         |               |
|-----------------------------|---------------|
| Max. opening                | 109 cm        |
| Min. opening                | 0 cm          |
| Cylinder force (at 180 bar) | 7 tons        |
| Length/Height/Width         | 78/100/113 cm |
| Weight                      | 260 kg        |

## ASSEMBLY

Lift at the lifting point.



5.1.1 Lifting point

Install mounting brackets (for the relevant loading device) using the 4 M20 bolts/nuts supplied.



5.1.2 M20 bolts

Connect to the tractor's loading device.

Secure with the loading device's locking mechanism. Install hydraulic pressure and return hoses. Use straps to suspend hoses/cables.

**NB!** Check that moving parts do not come into contact with hydraulic components.

Avoid unnecessary strain on hoses/cables when the loader is in motion.

Connect the hoses to the loader's 3rd function.

Check that there are no hydraulic oil leaks.

## # 6. OPERATION

A safety zone of 20 meters must be observed.

Avoid lifting high, as this may cause the tractor to tip over. Never leave the machine with the implement raised.

GR 20 / GR 30 control levers should only be used while the operator is seated in the tractor.

Practice without timber first.

Avoid uneven loads. Always keep the load balanced.

Take into account the tractor's lifting capacity and weight.

When driving on public roads, follow the requirements of the road authorities.

| Recommended oil quantity<br>[l/min] | Max. pressure [bar] |
|-------------------------------------|---------------------|
| 10-60                               | 220                 |

## # 7. MAINTENANCE

### ## 7.1 Service table

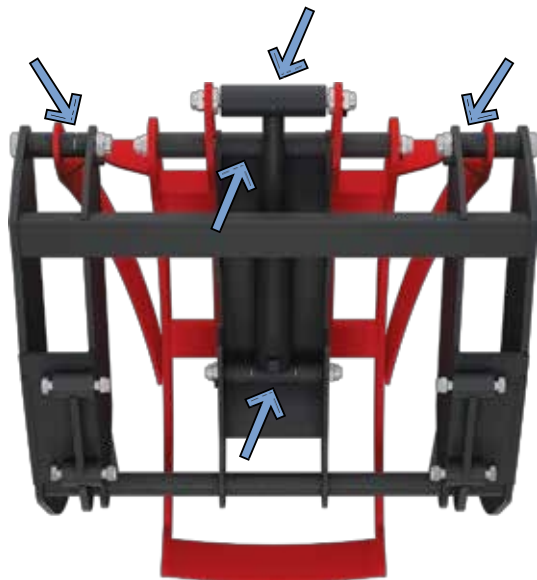
Maintenance must only be carried out with the engine switched off. Take care when dismantling.

Store the GR 20 / GR 30 under cover.

| Interval                   | Component          | Description                          |
|----------------------------|--------------------|--------------------------------------|
| First 10 hours             | Screws and nuts    | Retighten                            |
|                            | Hoses              | Check for pinch marks, cracks, wear  |
|                            |                    |                                      |
| Every 50 hours             | Moving parts       | Lubricate with oil                   |
|                            | Lubrication points | Lubricate with grease                |
|                            | Hoses              | Check for pinch damage, cracks, wear |
|                            |                    |                                      |
| "Every 100 hours/annually" | Screws and nuts    | Retighten                            |
|                            |                    |                                      |

### Lubrication points

Sketch of lubrication points:



## 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 your winch Call our service office on +47 372 56 200

Email: [service.igland@nosted.com](mailto:service.igland@nosted.com)

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Doneheia 17, 4516 Mandal