

# BS31 Pro

## Sawmill



# **BRUGGER**

## **An accurate cut!**

With the basic version the machine you can cut logs up to 76 cm in diameter and up to 280 cm in length. The cutting length can be extended by 2 m at a time by adding the modular tracks.



For every need!

### **Drive types:**

- ☒ Kohler 14hp gasoline engine
- ☒ Electric motor 7,5kW, 400V

## **Features of the BS31 PRO:**



### **Adjustable blade guide**

The blade guide of the BS31 Pro can be adjusted as required. With automatic lubrication and cooling.



### **Accurate cut!**

The BS31 Pro is extremely precise, with a cutting error of less than 0.5 mm; the professional xCut saw blades contribute to this. (Every 3 teeth one tooth is carbide)

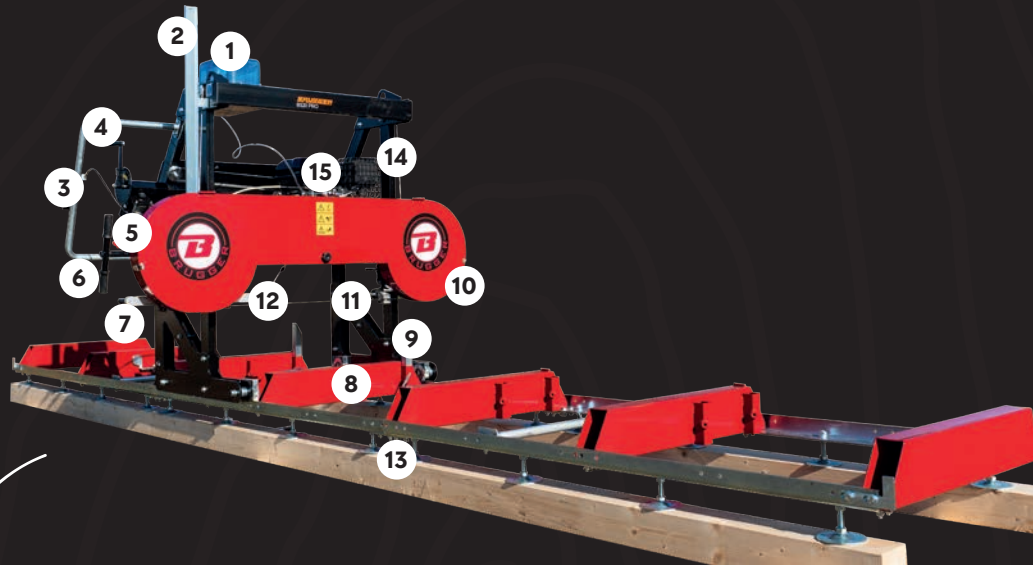


### **Log levelling jack**

The basic equipment of the Brugger BS31 Pro includes a special jack for levelling logs.

# BS31 Pro Sawmill

**BRUGGER**  
Machinery GmbH



## Components:

- |   |  |                               |   |
|---|--|-------------------------------|---|
| 1. Water tank, for lubrication and cooling              | 5. Electric height adjustment (for quick adjustment) | 8. Log support stand          | 14. Petrol engine (with electric motor variant) |
| 2. Digital blade height display                         | 6. Blade tension                                     | 9. Log retainers              | 15. Blade lubrication valve                     |
| 3. Accelerator lever (for electric control box version) | 7. Lever for blade guide adjustment                  | 10. Sawdust discharge         |   |
| 4. Manual height adjustment (for fine tuning)           |  | 11. Band saw                  |   |
|   |  | 12. Adjustable blade guide    |   |
|   |  | 13. Adjustable levelling feet |   |

## Technical data:

<b>Manufacturer:</b> Brugger	<b>Cutting depth:</b> 178 mm
<b>Model:</b> BS31 Pro	<b>Min. cutting length, standard version:</b> 1000 mm
<b>Gasoline Engine:</b> Kohler Command CH440 14cv	<b>Max. cutting length, standard version:</b> 2794 mm
<b>Electric motor:</b> 7.5 kW 400 V	<b>Cutting length with one additional rail:</b> 4800 mm
<b>Displacement:</b> 420 cc	<b>Main support:</b> 4 pieces
<b>Rotation speed:</b> 4000 giri/min	<b>Rail dimensions:</b> 4000 x 1030 mm
<b>Load:</b> manuale	<b>Blade speed:</b> 17 m/min.
<b>Max. log diameter:</b> 760 mm	<b>Blade diameter:</b> 480 mm
<b>Min. blade height:</b> 25 mm	<b>Blade length:</b> 25 mm
<b>Blade:</b> x-Cut 4045 mm, 1,1 mm, 32 mm	<b>Approximate weight:</b> 560 kg

# BS31 Pro

## Sawmill

The **Brugger BS31 sawmill** is a simple machine with which logs up to 76 cm can be quickly and easily processed into construction material.

The sawmill is built with simple technology and is therefore **easy to use and requires little maintenance**.

The BS31 Pro is equipped with **electric** height adjustment, digital height display, adjustable blade guide and many other improvements that make work easier.

The BS31 Pro sawmill is perfect for **hobbyists**, but also for **professionals and forestry operators**.

With a **cutting accuracy of 0.5-1.0 mm**, the BS31 offers precise results.

Discover the BS31 log band saw: a reliable solution based on simple construction technology and therefore **simple operation and easy maintenance**

With a choice of **gasoline or electric motor**, the BS31 can be flexibly adapted to your needs.

The basic version can process **logs up to 76 cm** in diameter and up to 280 cm in length. With the optional track extensions it is possible to increase

the length of the log by 2 metres at a time, thus offering maximum flexibility.

An optional frame is **available for all models** to ease the transport.

Depending on the model, the log length to be processed is limited to 4 or 6 metres.

All trailers are equipped with a ball hitch drawbar attachment, ramps for standard attachments and a cable winch for easy loading of logs.

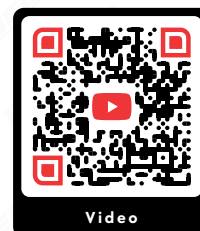
They are also equipped with **levelling supports and LED lighting**.

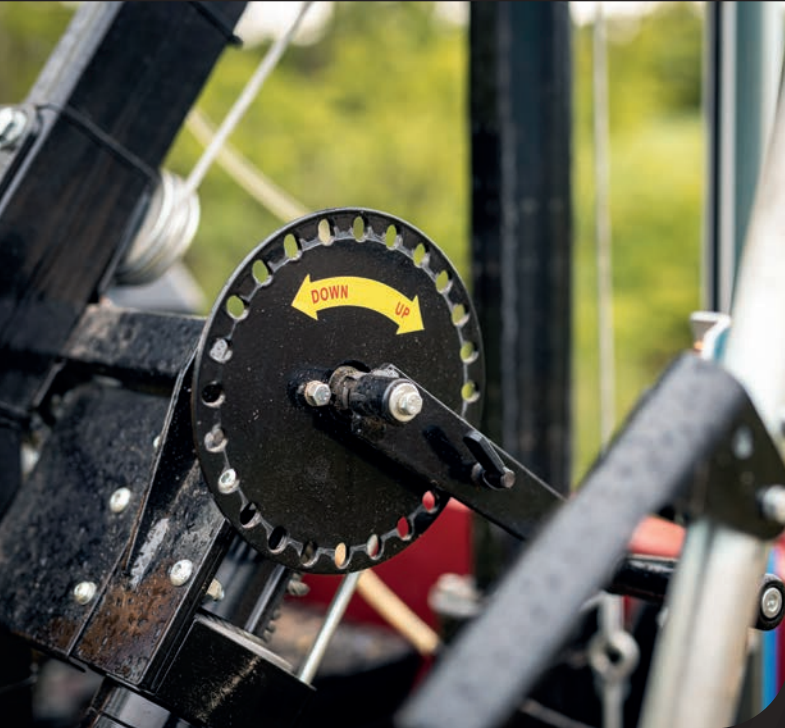
Note, however, that they are not road-legal.

You can see a video of the machine in action here:  
<https://www.youtube.com/watch?v=2l-OHRSDl18>

**For further informations on the machine:**  
[www.bruggermachinery.com](http://www.bruggermachinery.com).

Scan the QR CODE and watch the video!





**Basic equipment****Sawmill BS31 Pro**

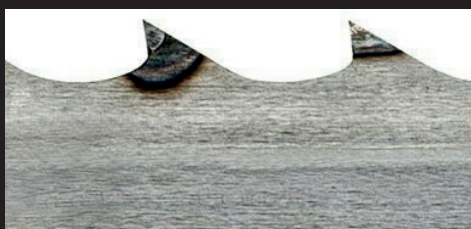
Gasoline motor - Kohler Command Pro CH440 - 14 CV

Electric motor - 7,5 kW 400 V

Wheeled chassis not included

**Suggested optionals:**

**Balancing lift**  
(included)



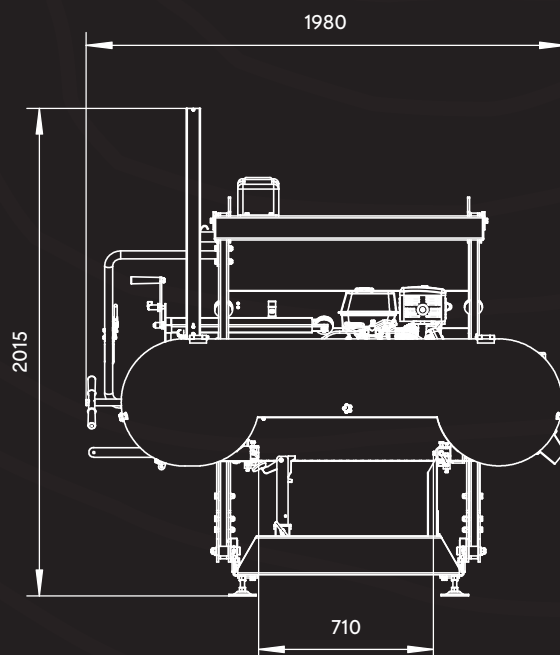
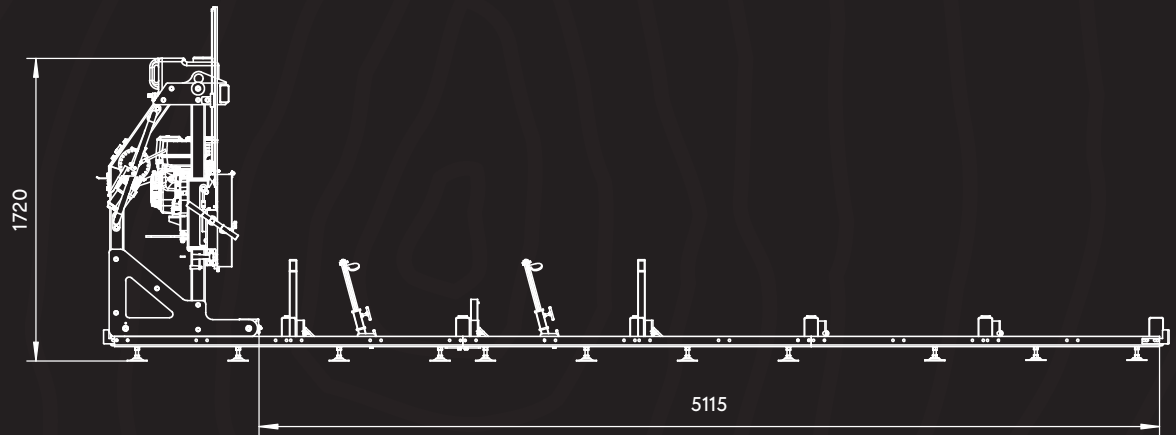
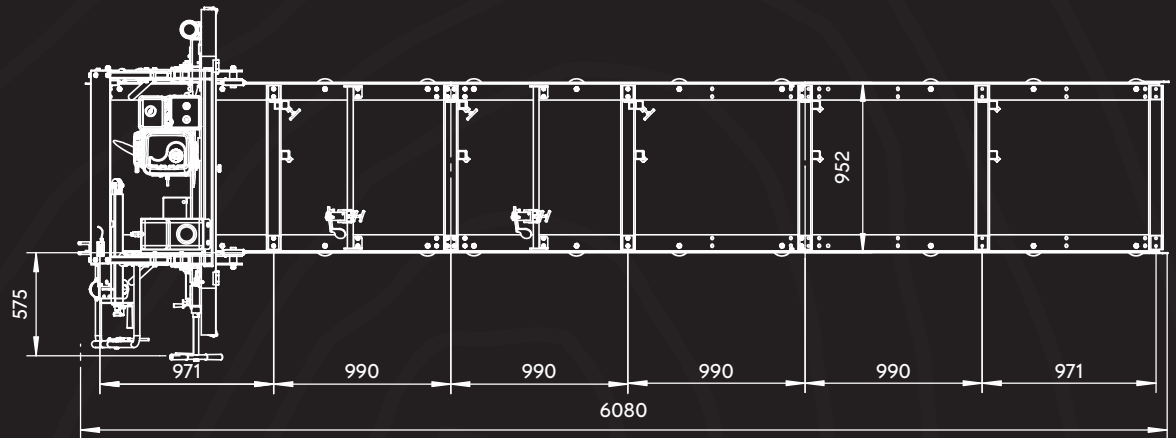
**Xcut blade**  
(one carbide teeth every 3)



**2m modular track**  
(basic version is supplied with 4m rail for a cutting length of 3.2m)

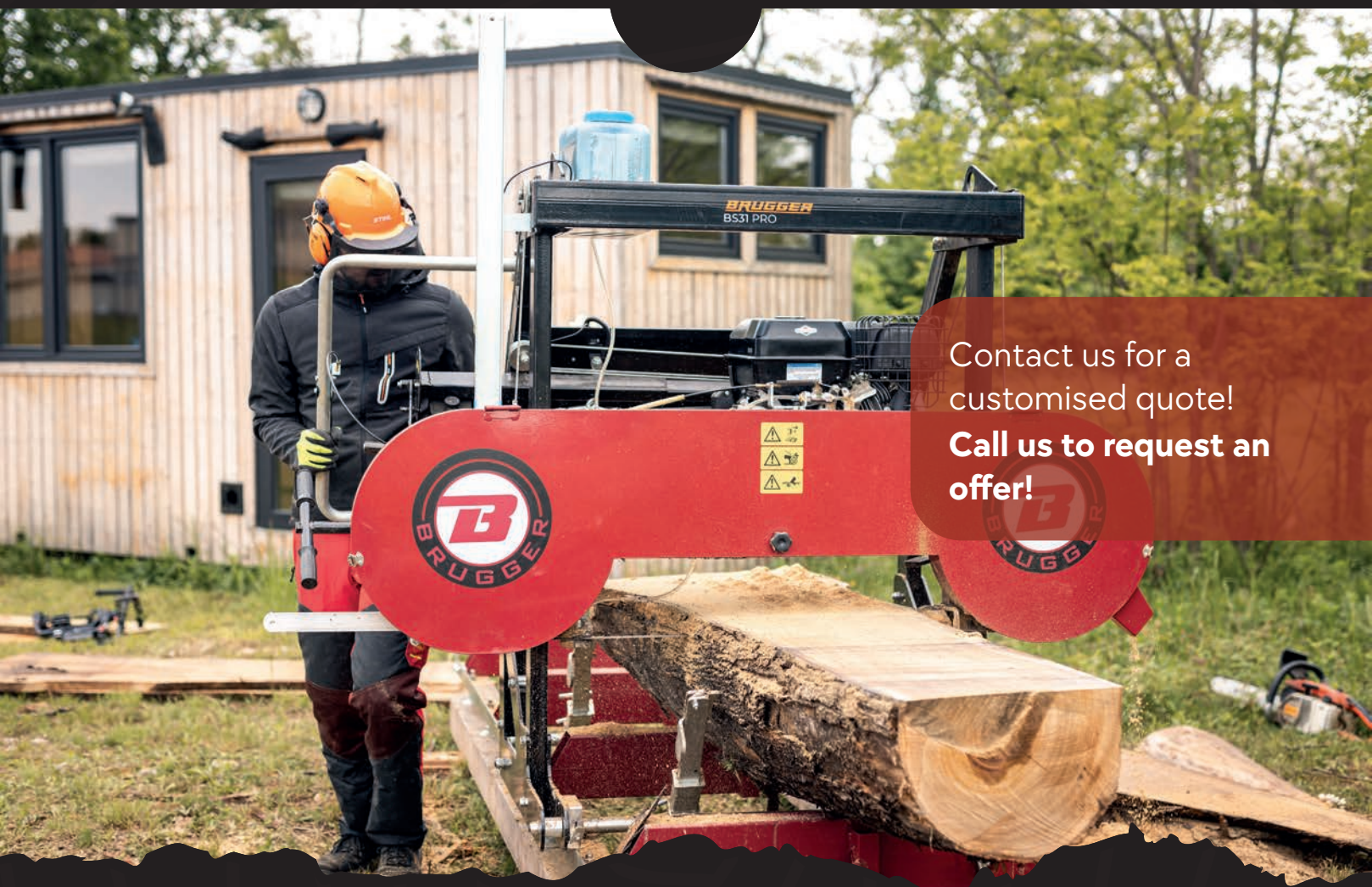
## Technical dimensions:

We have summarized all the important key figures, dimensions and performance data for you here.



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Contact us for a  
customised quote!

**Call us to request an  
offer!**

# Passion for Forest Machinery

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