

# LOGOSOL B1651 BAND SAWMILL



**LOGOSOL**

## B1651 is an extremely stable band sawmill with enormous capacity

Suitable for efficiently sawing slabs (wide wooden discs with a natural edge) up to 1500 mm wide. The heavy-duty saw rail is designed to easily handle the weight of the enormous logs that the sawmill can handle. A unique feature is that you saw both huge logs and small logs in the same efficient and precise way, which makes the usability very broad.

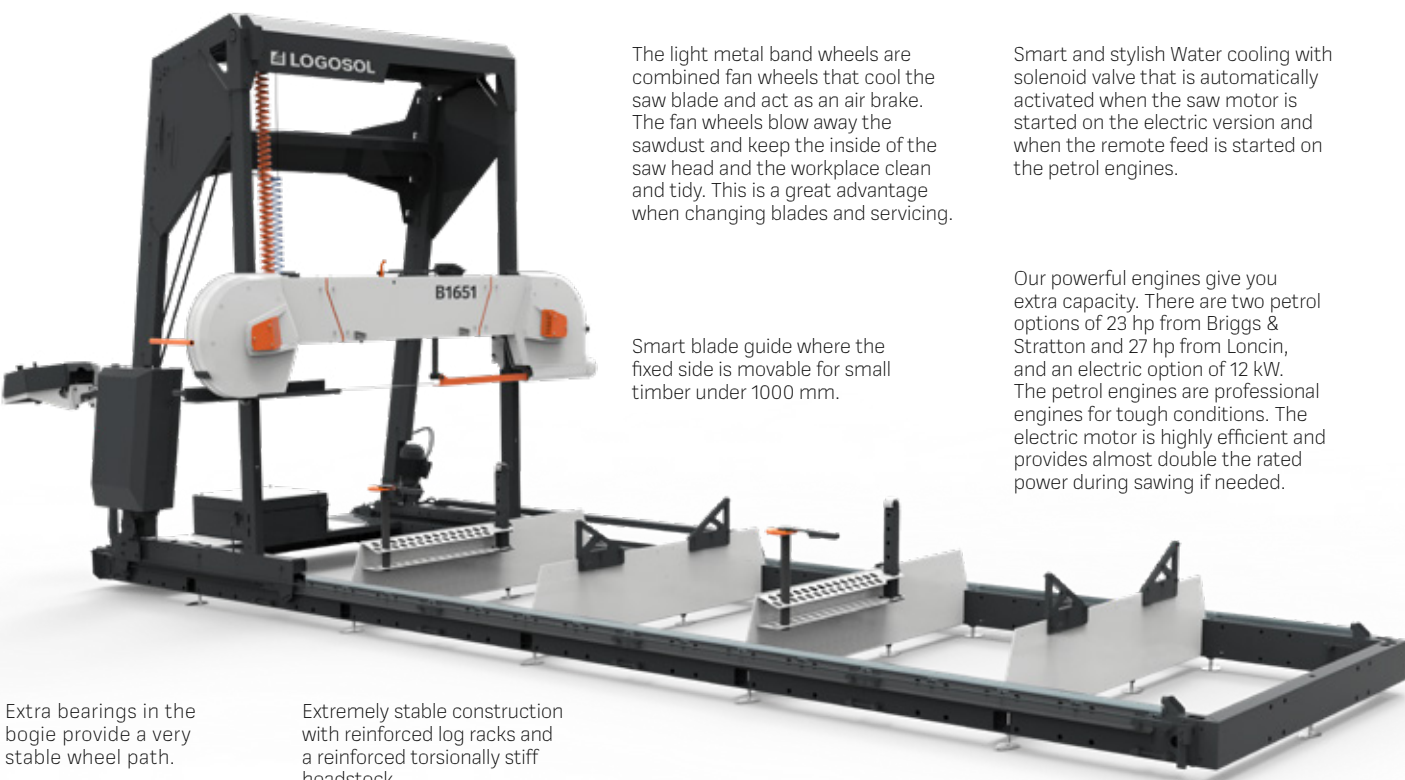
If you compare with sawmills of similar size and price range, there is a big difference in both function and robust construction. The B1651 is more stable, smarter and easier to use.

- ✓ Saw massive logs into slabs of an impressive 1.5 meters in width.
- ✓ Great usability! Saw massive logs and ordinary timber perfectly thanks to patent-pending features.
- ✓ Easy Set motorized height adjustment and Pro Set computer networks, for intelligent control, a great help in programming the cuts you want to make.
- ✓ Control the sawmill from the end of the sawmill.
- ✓ The feed has two motors, one on each side of the saw carriage, each with its own feed chain. It is operated at the end of the log bed.
- ✓ Designed and manufactured in Sweden. Like Logosol's other band saws, is extremely robust, smart and stylish.

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- ✓ Thanks to the movable fixed blade guide and attachment for the log supports, the sawmill is also built for sawing thinner timber. This is unique for sawmills of this size.
- ✓ The toolbox at the end of the sawmill also serves as a step for easier access to water filling.
- ✓ Integrated cable management



The light metal band wheels are combined fan wheels that cool the saw blade and act as an air brake. The fan wheels blow away the sawdust and keep the inside of the saw head and the workplace clean and tidy. This is a great advantage when changing blades and servicing.

Smart and stylish Water cooling with solenoid valve that is automatically activated when the saw motor is started on the electric version and when the remote feed is started on the petrol engines.

Smart blade guide where the fixed side is movable for small timber under 1000 mm.

Our powerful engines give you extra capacity. There are two petrol options of 23 hp from Briggs & Stratton and 27 hp from Loncin, and an electric option of 12 kW. The petrol engines are professional engines for tough conditions. The electric motor is highly efficient and provides almost double the rated power during sawing if needed.

Extra bearings in the bogie provide a very stable wheel path.

Extremely stable construction with reinforced log racks and a reinforced torsionally stiff headstock.

Pro Set, the automatic data measuring device is an intelligent control of the Easy Set. A great help for programming the cuts you want to make.

Pro Feed, propulsion of the saw head. From a control unit at the end of the sawmill, you can drive the saw carriage back and forth on the rail with adjustable speed.

For smaller logs, use log clamps with sturdy handles and robust design to fix the log with great force without damaging the wood.

For the very largest logs, use the four sturdy steel log wedges to lock the log in place.



Max. log diameter 165 cm



Max. cant width 150 cm



Available with electric motor



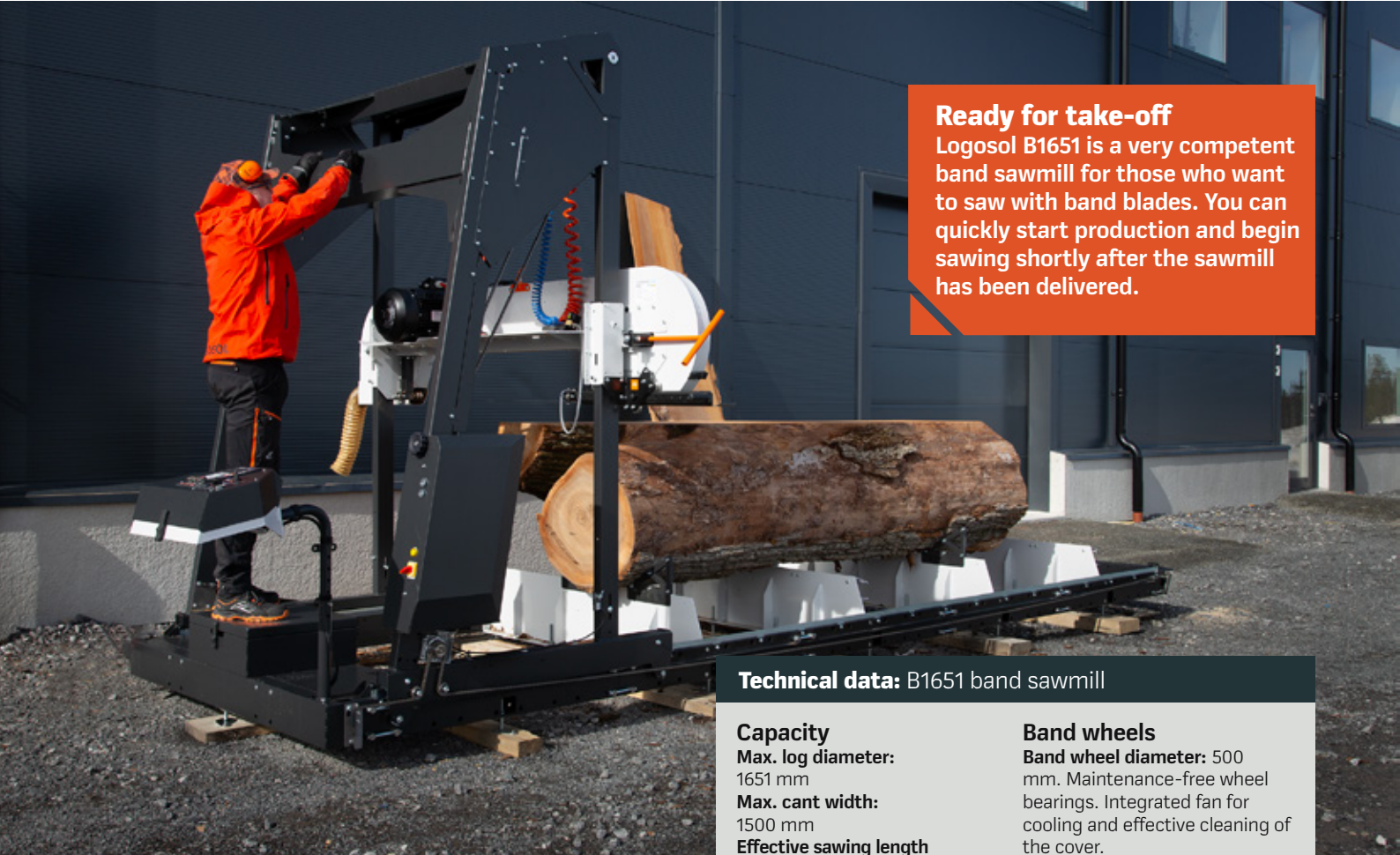
Soon available with petrol engine



Easy Set / Pro Set and Pro Feed as standard







## Ready for take-off

Logosol B1651 is a very competent band sawmill for those who want to saw with band blades. You can quickly start production and begin sawing shortly after the sawmill has been delivered.

### Technical data: B1651 band sawmill

#### Capacity

**Max. log diameter:**  
1651 mm

**Max. cant width:**  
1500 mm

**Effective sawing length  
(standard):** 4380 mm

**Max. board thickness:**  
220 mm (8 3/4 inches)

**Min. thickness of last board:**  
25 mm (1 inch)

#### Motor options

**Electric motor:** Highly efficient motor of fully 12 kW with automatic Y/D starter.

**Petrol engine:** 23 hp and 27 hk. The petrol-driven model has a first-class centrifugal clutch that facilitates the engine thrust while sawing. Available soon.

#### Band wheels

**Band wheel diameter:** 500 mm. Maintenance-free wheel bearings. Integrated fan for cooling and effective cleaning of the cover.

#### Band blades

**Blade length:** 5610 mm

**Blade width:** 30-41 mm

**Blade speed:** 30 m/s

#### Machine dimensions

**Length:** 6232-6857 mm

**Width:** 2715 mm

**Height:** 2850 mm

**Weight:** 900 kg

### Included with the B1651

- ✓ Easy Set
- ✓ Pro Set
- ✓ Pro Feed
- ✓ 1 Carbide Hard Metal blade
- ✓ Levelling feet
- ✓ Smart blade guide
- ✓ Water cooling
- ✓ 2 log clamps
- ✓ 2 log supports
- ✓ 4 steel log wedges
- ✓ Blade Align adjustment tool

8500-000-0010 | B1651 with electric motor 12 kW, 400 V

## Easy Set, Pro Set and Pro Feed included as standard

Easy Set gives you a smooth setting of the saw head, with Pro Set you have an intelligent control of Easy Set to set or program the saw cuts you want to make. The Pro Feed, with dual motors feeds the saw head back and forth through the log.

### Pro Set, the automatic data measuring device is an intelligent control of the Easy Set

A great help for programming the cuts you want to make. An extremely good control system that is on a completely different level than similar solutions in the industry.

- You can see all the information on a display and easily control the exact position of the saw head at the touch of a button.
- Program the cuts you want to make, either individual thicknesses or a series of board thicknesses.
- The Pro Set helps you calculate how many boards and planks you can get out of the log and what order will give you the maximum yield.
- Pro Set is an ideal choice for those looking for high quality and ease of sawing.



- The scale also features a Last Cut indicator that remembers your last cut and becomes a reference for the next one. This makes it easier for the sawyer to produce timber in exactly the right dimensions every time. You work quickly and comfortably and get a perfect sawing result.

### Pro Feed, dual motor, power feed control

From a control unit at the end of the sawmill, you can drive the saw carriage back and forth on the rail with adjustable speed. The console is foldable for optimal visibility when sawing. You don't have to walk with the saw carriage in noise and sawdust spray and the feed rate is even and optimized for best results. Very ergonomic design and easy to use.

The feed is combined with the Pro Set where you can also set the saw cut from the control panel (raise-lower the saw head) either manually or by setting different "recipes" for how you want to saw the next cut. The feed is by chain and is available for both 12V and 400V (petrol saw / electric saw).







## Extra-reinforced log bed that can be easily extended

The B1651 has reinforced log shelves, reinforced rail construction, extra feet under the log shelves and reinforced, torsional rigid saw bed ends.



Now, you can easily produce wide, live-edge slabs from different sorts of fine wood. You get unique end products with a high value.



1 pc Bahco Carbide Hard Metal Blade Highly is included! Productive and non-abrasive professional blade for those with high demands on perfect timber production and minimal maintenance.

## Tips on other products:



### PK1500 Stack Cutter

With Logosol's stack cutter you cut the whole timber stack at once. Just adjust it to the desired length and let the stack cutter do the job – quickly and efficiently with very high accuracy. The stack cutter takes the cut linearly vertically, a method that gives you increased capacity and flexibility. This machine is already appreciated by many who cut timber stacks. The 150 cm long guide bar is guided at the bar nose. The chain is a standard cross-cutting chain driven by a strong electric motor. The stack cutter does not take up a great deal of space, and it runs easily on its sturdy castors.

8530-000-1500 PK1500 G2 incl. 150 cm guide bar and saw chain



### Big Mill Wide Slabber

For the largest of logs. Giant logs are easiest to cut up on the spot where they were felled. The Logosol Big Mill is a complete equipment package that gives you unique opportunities to make use of valuable giant logs. Cut wide, rough-edged boards from different sorts of fine wood. The system with two guide rails gives stability and highest precision. You work quickly and safely in a comfortable working position. After some practice, you will only need a couple of minutes to set the equipment for the next cut. This sawmill can handle log lengths up to 2.7 metres and diameters up to 180 cm.

5000-000-0004 Big Mill, 84" (214 cm), incl. guide bar and chain

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