

SAMI
Innovations for Agriculture



AUTOMATIC SPLITTER OF THE NEXT GENERATION



SAMI AUTOCHOPPER



ENERGY



The next generation of log splitters has arrived

Long-term development has transformed the traditional log splitter into a modern automatic splitter. Say goodbye to drawbacks, stoppers, hurry and hard physical work. SAMI Autochopper makes log splitting effortless, safe and efficient.

Automatics and incredible reliability

The measuring technique and the microprocessor control used in harvesters are also the base of the SAMI Autochopper. The machine measures the length and the diameter of the log, constantly adjusting its cutting and splitting. As a result, you will have split logs of uniform quality in no time, and no waste bits! You only need to make sure that there are always logs on the feed belt – the Autochopper will take care of the rest. Autochopper saves time and accelerates the work day of a professional wood chopper. Thanks to the modern technology, the need for maintenance is at its minimum and the safety at its maximum. Welcome to the new era of log splitting!

The new Autochopper is even more efficient

The SAMI Autochopper was rewarded in 2010 for its innovations, and today it is even more efficient. All the valuable user experiences have been taken into account during product development. As a result, the SAMI Autochopper is a faster and more secure log splitter. Thanks to the double-cylinder the cycle time is as much as 30% faster than before.



THERE ARE TWO CAPACITY RATINGS available for the SAMI Autochopper chain saw for different needs and professional use. The combi-model can be operated with either electricity or with tractor's power input.

– AN AUTOMATIC LOG SPLITTER



AUTOMATIC

- Microprocessor controlled
- Automation is 25% more efficient than the traditional firewood production*
- Automatic measuring system measures the log at every saw cut:
 - splitting always in the middle of the log, logs less than 100 mm are split automatically in half
 - optimizing the length of the log, no waste bits

**) Research carried out by the Technical Research Centre of Finland 11/2011*



RELIABLE

- Standardized frame, robust beam frame
- No screwing adjustment components
- Automatic disconnection of jammed blade
- The automatics of the machine prevent from overloading



FAST

- Saws and splits simultaneously
- With the double-cylinder, the splitting force and speed are always optimized to maximum efficiency irrespective of the size of the log
- Thanks to its speedy cycle, it has the fastest output per hour in the market
- Due to the undisturbed operation, there are no downtimes



EASY TO USE

- Easy and quick to set for use and for transport
- Ready-made work settings straight from the memory
- No mechanical adjustments, control of the entire machine in the control panel
- The machine works independently; the user only places the logs on the feeding table



SAFE AND ERGONOMICAL

- Meets the requirements of directives on machinery safety
- Concerted operating mechanism behind one service cover
- Controlled and unique log handling
 - the cut log is transferred in two stages into the splitting channel
 - split logs are transferred straight into the discharge conveyor



EFFICIENT

- Split logs fall straight into the discharge conveyor
- Controlled process; no idling or downtimes
- The user is free to concentrate on other assignments
- Four stylish models for different uses

ACCESSORIES

Accessories to accelerate and to ease the use

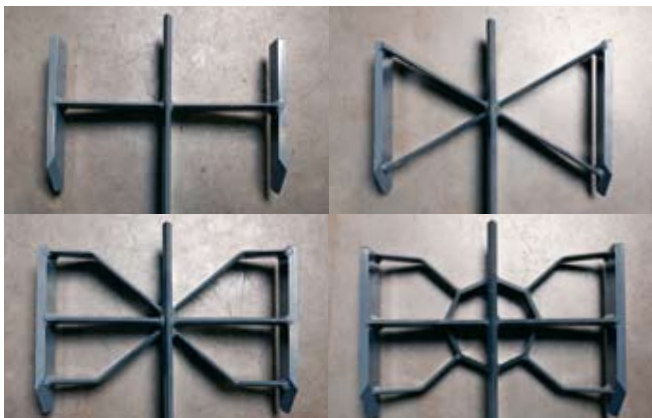
SAMI Autochopper carries a wide range of accessories and versatile software additions.



THE HYDRAULIC LOG LIFTER minimizes physical work phases and is safe to use because of its completely vertical lifting direction. Attached to the feed table, it does not lean against the ground, which makes it easily movable with the feed table. Consequently, the lifter is also always ready for use.



AT WIDEST, SAMI AUTOSORTER consists of a loading table, a sorter and a transfer conveyor. SAMI Autosorter integrated in SAMI Autochopper – the entire log splitting process is automatic.



DIFFERENT SPLITTING WEDGES allow you to make logs for different needs. The splitting wedge 2/12 does the trick for even the largest logs.



THE SAWDUST EXTRACTOR traps all sawdust neatly into a container. A compact model runs on mains electricity, the larger exhauster on 3-phase power.

ACCESSORIES FOR LOG SPLITTERS

Accessory	Information
Hydraulic log lifter	
Hydraulic sideways rotation of the discharge conveyor	
Control of one external hydraulic motor	Connection to the user's log deck with one hydraulic motor
Control of two external hydraulic motors	Connection to the user's log deck with two hydraulic motors
Splitting wedge 2/4	
Splitting wedge 2/6	
Splitting wedge 2/8	
Splitting wedge 2/12	
Chain blade 440	
Hard metal chain 440	
Flange Harvester Oregon 16H 54	
Sawdust extractor mains electricity	220 V / 1500 W / 120 l / 1 connection
Sawdust extractor 3-phase power	DC 500 E / 380 V / 2.2 kW / 2 x 150 l / 2 connections
Spotlights set	
Oil cooler	For TC- and TEC-models
SAMI Autosorter perfect	Includes a loading table, a sorter and a 4-meter transfer conveyor
SAMI Autosorter without the loading table	Includes a sorter and a 4-meter transfer conveyor
SAMI loading table	
SAMI 4-meter transfer conveyor	
SAMI 2-meter extension to transfer conveyor	

