

DALEN Firewood Processor 2054

DALEN Firewood Processor 2054 is a fully hydraulic machine for quality conscious customers, who require efficiency, functionality and user-friendliness. Together with the log deck and the turnable discharge conveyor, the DALEN 2054 comprises an effective system for firewood production.



Password protected web pages: When you purchase a DALEN 2052 or 2054, you gain access to password protected internet pages containing information about maintenance and other useful tips.

DALEN



Easy and effective operation: The most important functions are operated with an easy-to-reach operating handle, which makes the machine user-friendly.



Cuts up to Ø44 cm: The chain saw for harvesters cuts up to Ø44 cm. The hydraulic operation results in higher safety, less wear and tear and less noise.



Automatic chain lubrication: An adjustable oil pump lubricates the chain every time the bar is operated. This is very dependable, especially during changing temperatures.

Fully hydraulic steering makes the operation easy and effective

DALEN 2054 is powered hydraulically on all operation functions. The hydraulic bar movement is operated with an easy-to-reach handle, which also steers the start of the splitter and hydraulic feeding conveyor. Direct hydraulic operation gives the operator full control of the bar movement. The machine automatically restrains the pressure on the log in order to produce the highest possible velocity. The machine has a clear-cut design and straight lines which make it possible for the operator to gain full control of the machine, and have a good overview of the cutting and splitting process.

The hydraulic feeding conveyor makes the input of the logs easier. The wide feeding table makes it easier to support the logs even if they are outside the belt, and also makes it easier to support logs that are bent. In addition to the hydraulic feeding conveyor, the machine is equipped with a hydraulically adjustable knife. The fully hydraulic control is more dependable, because it does not include V-belts, which cause wear and tear as well as the need for tightening.

Chain saw for harvesters secures dependable cutting

DALEN 2054 is equipped with a chain saw for harvesters. The 54 cm bar has a 0.404" hydraulically driven chain. The hydraulic chain saw stops when the operating handle for the saw is released. This is a big advantage when it comes to wear and tear, safety and reduced noise.

The design of the protective covers gives you ample space during the feeding of

large and bent logs. The machine is most effective when fed with logs that are up to 35 cm in diameter, but can cut logs up to 44 cm in diameter. A small, adjustable oil pump is activated every time the saw bar is operated, and ensures that the chain is lubricated. This is very important during changing temperatures, and especially during cold weather. The chain is lubricated with oil from a separate tank containing chain saw oil, because hydraulic oil can damage your health.

The hydraulic system is dimensioned for effective splitting

The DALEN 2054's hydraulic system is designed for effective use, fast splitting and large capacity. The components are also dimensioned to handle the large oil flow. It is easy to measure the oil level on the tanks for chain oil and hydraulic oil.

5.0/8.0 ton splitting power

The splitter has two speed levels: 5.0 ton splitting power in fast mode, and 8.0 ton splitting power when the power mode is activated. The manually activated power mode is rarely used because of the powerful fast mode splitting capacity. The cylinder has a short stroke, making it very effective when producing firewood. The splitting cycle is 2.7 sec. The tractor's PTO is operated at 400 rpm. The machine has a low power requirement and can be used on tractors from 40 HP.

While using the stepwise regulated stopper, the cutting length can easily be adjusted every 5 cm, from 15-40 cm. During the splitting process the stopper gives way so that the log falls freely into the splitting channel. The machine is also equipped with a knife for splitting the logs in 2 or 4