



TL-K 650

This industrial plant consists of the TL650 cutting system and a K650 automatic log splitter. Introduced in 2022, it was designed to be a complete cutting-splitting system of small dimensions, but capable of processing large logs (diameter up to 650 mm) and splitting logs, producing firewood with a programmable section.

This plant is equipped with an automatic process for the elimination of waste during the cutting phase, requires a limited energy supply (52 kW) and allow optimisation of the cycle time in relation to the size of the logs to be produced. A solution that guarantees high productivity with a only one operator.

TL650 – Cutting station

The TL650 cutting system, designed to work in semi-automatic mode with a single operator, is equipped with a SUPERCUT Hultdins 800mm saw unit with professional .404 chain, which ensures always precise cuts.

The log is pushed from behind by a feed arm. Adjustment of the cutting length (variably adjustable with a minimum end length of 220 mm) for logs up to a maximum diameter of 650 mm is carried out electronically, with the cut being ejected and the log then processed without residue or split by computer - an optimised method without a cut.

PLC control is optional to make the processing totally automatic and allow remote assistance via Ethernet

router. With the PLC option, it is possible to install a hydraulic Rear log-pusher to support the last two cuts of the log, binding their correct positioning.

Another option: the lifting wood-pusher, which allows to anticipate as much as possible the loading of the new log to be cut in order to optimize the time and efficiency of the machine. The loading channel of the TL650 is equipped with two loading dumpers that support the fall of the logs in the cutting position. There is a spacious platform for the operator, with safety doors to protect the operating areas. The cutting unit is powered by a 30 kW electric motor.





K650 – Splitting station

The K650 splitting station is equipped with PLC control, so it is possible to always work in automatic mode. The section of firewood logs can be electronically adjusted with a minimum size of 50x50mm.

The mobile splitting wedge allows to split the log against a fixed barrier and to process logs of variable length from 200 to 500 mm, with automatic stroke adjustment and consequent reduction of the cycle time.

Last plus, but not least: the timing belt under the splitter wedge is made of steel to better resist wear and stress generated by splitting operations.

The machine has centralized automatic lubrication, which facilitates routine maintenance. The splitting unit is powered by a 22kW electric motor.



TL 650 - Control panel



K650 - Control panel



Equipment components and accessories

- ✓ Lifting wood-pusher with mechanical / pneumatic system.
- ✓ Chain translator
- ✓ Loading dumpers, eliminate the excessive stress of large logs on the machine body during loading.
- ✓ Equipment elevation: facilitates the maintenance and cleaning operations



Loading dumpers



Lifting pusher with mechanical/pneumatic system