

BIGX₄₇ TECHNICAL SPECIFICATIONS

Power requirement	15 kW
Maximum tree diameter	470 mm
Wood length range	200-600 mm
Diameter / thrust of the splitting cylinder	8, 16 or 24 tonne splitting force
Splitting blade variants	4,6,8 or 12-way 6-way blade is delivered as standard
Crosscut saw bar	Harvester 59 cm, 16 H, 1,6 / 0,63
Hydraulic saw chain	70 / 404"
Measurement of wood length	optical and stepless
Oil volume in machine	125 l
Max. width in working position	9,5 m
Length of in-feed conveyor	2620 mm
- width of conveyor belt	300 mm
Dimensions of machine in transport position	
- height	2530 mm
- width	2900 mm
- depth	1500 mm
Total weight of the machine	about 1500 kg
Length of discharge conveyor	4 m
- width of conveyor belt	400 mm
Hydraulic clamp roll for the wood	Automatic
Sound level	108 dB
A-weighted sound pressure level at the workstation	96 dB



BIGX₄₇ OPTIONAL EQUIPMENT

HYDRAULIC IN-FEED DECK



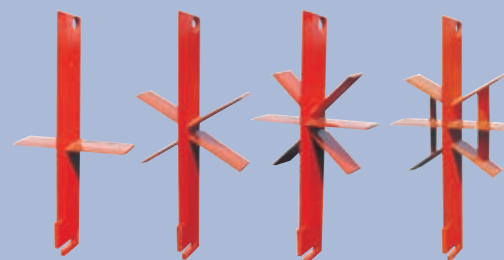
HYDRAULIC LOG LIFTER



THE FEED AND CROSSCUT OPERATIONS ARE CONTROLLED USING A JOYSTICK



SPLITTING BLADES



The manufacturer reserves the right to change the specifications of the machine.

Manufacturer: **MAASELÄN KONE OY**

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Sales:

- Control of the deck from the machine
- Strong link chains transfer the logs to the sorting mechanism by means of which the logs are transferred to the toothed transfer rollers
- The rollers and the in-feed conveyor of the machine transfer the tree for cutting
- The operations of the rollers and the in-feed conveyor are synchronised
- The deck may be extended with elements 2 metres long

- Lifts the log from the ground onto the in-feed conveyor

- The machine controlled by joystick is equipped with a hydraulically-driven saw chain. The chain moves only when the log is being cut

- The machine comes with a standard 6-way blade

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multisPEED

POWER AND SPEED



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HAKKI PILKE



Lifting and lowering the in-feed conveyor is easy using the self-braking winch



CUTTING AND SPLITTING OF LOG



The hydraulically operated clamp roller guides the log for splitting. The precise optical measuring device stops the log in the pre-set position. During cutting, the roller presses on the log and keeps it in position.



Harvester chain/saw-bar for cutting operation.



As the cut-off log drops down, it comes into contact with the spring-loaded support plate, which slows down the dropping action and aligns the log with the splitting chute.



WITHIN MINUTES

Fast on small diameter logs
multiSPEED
Powerful on large diameter logs



READY FOR OPERATION

PROCESSING FIREWOOD

The machine operations are controlled by three hydraulic control levers:

- transferring and cutting the logs
- height adjustment of the splitting blade
- lifting, lowering and side-shift of the discharge conveyor
- moving the in-feed deck



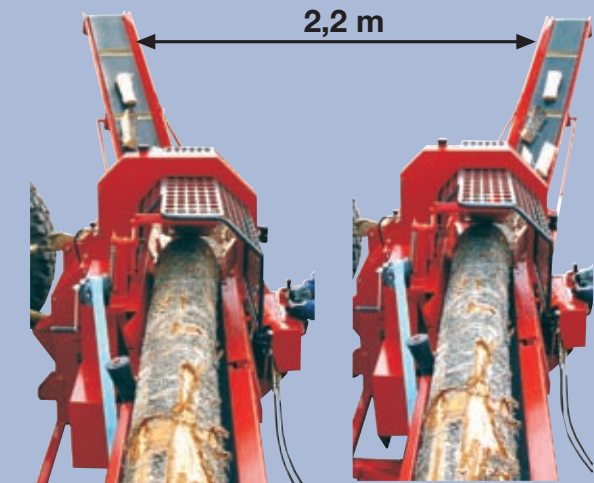
The logs may be transferred one by one to the discharge conveyor using the hydraulic in-feed deck



Movement of the in-feed deck rollers and the in-feed conveyor belt is synchronized.



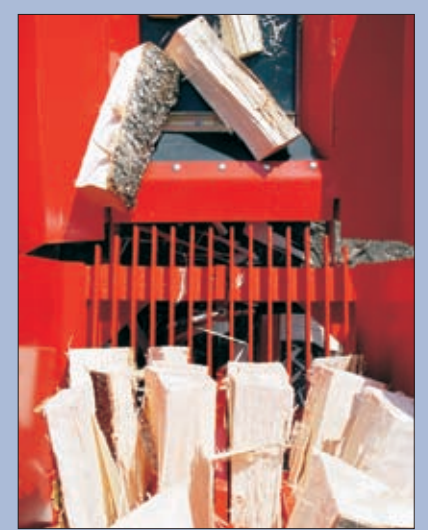
DISCHARGE CONVEYOR



The discharge conveyor may be shifted about 2,2 metres to the side hydraulically.

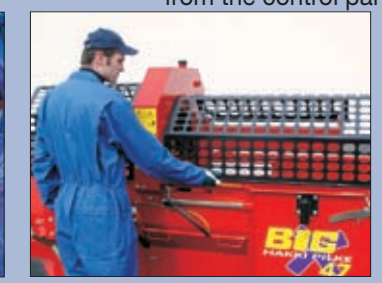


The conveyor is powered by hydraulics. The conveyor belt motion is easily managed from the control panel.



Efficient debris removal between the splitting chute and the conveyor is ensured by the wide grate in the trough.

SAFETY



The splitting motion can be interrupted, reversed or locked-up in the initial position using the control lever for splitting. When the splitting system is in operation, the machine covers cannot be opened. When the splitting motion is locked, the crosscut blade also locks in its upper position.

The machine presented in this brochure is powered both by tractor and electricity.

