

LAIMET chipper

HP-21LS and HP-25LS (LowSpeed)

Electrically driven low rotation speed chippers especially for chipping sawn surfaces.



CE

LAIMET

chipper

HP-21 LS and HP-25 LS

(LowSpeed)

Energy saving industrial chipper for saw mills and the wood industry

The heart of the chipper is the conical screw blade.

The LAIMET HP-21 LS and LAIMET HP-25 LS chippers function like the other LAIMET HP chippers using a conical screw blade, which efficiently produces splinter free even quality chips.

The LAIMET LS chippers are electrically driven (400 V) and of remarkably simple construction. They are designed particularly for saw mills and the wood industry in chipping sawn surfaces and planks. The screw blade makes possible chipping at low rotation speeds and motor power, speeds are 122 to 205 rpm and motor power 22 - 45 kW. The operating equipment is a cylindrical pin gear motor. The screw blade pulls the wood into the chipper. They have few parts that wear, and are reliable and need little maintenance. The heavy fly-wheel evens out the load on the motor.

Changeable blades for different size chips

The LAIMET HP-21 LS and LAIMET HP-25 LS chippers can produce four different sizes of chips; from 20 - 30 mm up to 60 - 100 mm. The rate of production is from 10 to 30 m³/h, depending on the blade used, wood to be used, the type and size of wood.

Chips from wide sawn surfaces - up to 400 mm

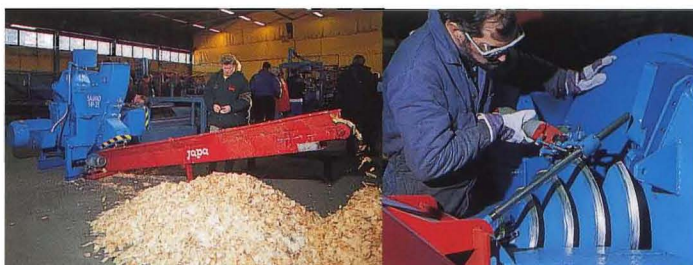
The LAIMET HP-21 LS and LAIMET HP-25 LS chippers can chip sawn surfaces with a width of up to 400 mm (HP-21 LS 300 mm). The LS chippers can also chip round surfaces, then the chips produced are rougher than chips produced by

high rotation speed chippers. The wood used can be coniferous or deciduous, and also frozen. The wood is fed in using the chipper feed belt, chips are removed using the drive belt or the electrically driven (7.5 kW, 400 V) chip blower. Operational noise is so low that the units can be placed indoors as part of a production line without separate noise insulation.



Maintenance of the chipper

Sharpening of the screw blade may be done without removing the blade using a separate sharpener unit, which is standard equipment. Basic reconditioning of the blade is done by rewelding the hard facing and then grinding it to the correct angle. Welding and grinding may be done



by a skilled metal worker using the manufacturer's instructions. The blade may also be sent to the manufacturer for reconditioning from whom ready to use exchange blades are also available.

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Make waste wood into money

The LAIMET HP-21 LS or LAIMET HP-25 LS are sensible choices for getting chips from sawn surfaces. Even quality chips are produced suitable for heating, pulp, or as compost chips. The low service costs of the LAIMET HP-21 LS and HP-25 LS chippers give real savings.

TECHNICAL DETAILS

Type	LAIMET HP-21 LS
Total weight	1300...1500 kg
Rotating mass	360 kg
Chip production	10...40 m ³ /h
Power requirement	22...37 kW
Feed opening	210 mm x 315 mm
Feed rate	0,1...0,3 m/s
Rate of rotation	122...205 rpm

Type	LAIMET HP-25 LS
Total weight	2500...2600 kg
Rotating mass	800 kg
Chip production	10...40 m ³ /h
Power requirement	37...55 kW
Feed opening	250 mm x 430 mm
Feed rate	0,1...0,3 m/s
Rate of rotation	122...205 rpm

Blade	Length of piece (mm)
2/80	20...30
3/160	20...30
2/104	20...30
1/80	30...50
2/160	30...50
1/104	40...70
1/160	60...100



NUMBER ONE FOR EFFICIENCY AND QUALITY

Representative: