

## **THIN CUTTING HORIZONTAL BANDSAW - 3SS2204**

Model: TS400 - 40 HP

THIN CUTTING HORIZONTAL BAND RESAW TS 400 - HP 40

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In case of excessive effort or overheating of the blade, if a certain level of tolerance is exceeded, the material feed speed is automatically cutted in half and then stopped if the effort is prolonged. Stopping the saw prevents problems/damages.

Specification:

- 1)MAXIMUM MATERIAL SIZE(W X H):420x200mm
- 2)DISTANCE FROM BLADE TO CONVEYOR :5/64"~6"(2~150mm)
- 3)MINIMUM CUT PIECE : 2mm
- 4)SAW WHEEL DIAMETER : 32" x2(800mm x2)
- 5)SAWBLADE LENGTH :5500mm
- 6)SAWBLADE WIDTH :50mm
- 7)SAWBLADE SPEED 17-34 m/s
- 8)FEED SPEED (VARIABLE) : 0~25 m/min \*\*\*
- 9)CONVEYOR BELT SIZE :400x4200mm
- 10)SAW WHEEL MOTOR :40HP WITH INTERVER
- 11)FEED MOTOR :2HP WITH INVERTER
- 12)BLADE LIFT MOTOR : 2HP
- 13)DUST HOOD OUTLET DIAMETER :125mm x2
- 14)NET/GROSS WEIGHT :3100kgs
- 15)MACHINE SIZE :278x220x210CM
- 16) SPECIAL DEVICE "OFFSET":

After each cut the blade automatically comes down according to the measure, which the operator has set up in the PLC control. Therefore, it is possible to cut the timber from the top to the bottom and this increases cutting speed and precision

DEVICE "DOUBLE SPEED":

Thanks to a special sensor, the machine starts to cut the timber at a low speed, immediately after the saw-blade is inside the wood the cutting speed increases and this raises speed, precision and blade working hours

\*\*\*\*STANDARD EQUIPMENT\*\*\*\*

- 1.PLC CONTROL WITH TOUCH SCREEN (SCHNEIDER)
- 2.Air loaded pressure roller
- 3.Slow cutting start function
- 4.Spraying jets for blade lubrication
- 5.Documentation on english
- 6.HIGH ACCURACY HYDRAULIC BLADE TENSION SYSTEM
- 7.OIL MIST COOLING SYSTEM



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