



<b>IMH-OBC-3900</b>		<b>IMH-OBC-5800</b>	
<b>Dimension of material</b>		<b>Dimension of material</b>	
<b>Block material:</b>		<b>Block material:</b>	
Tickness	75-100 mm	Tickness	75-100 mm
Width	75-150 mm	Width	75-150 mm
Length	800-3900 mm	Length	800-5800 mm
<b>Blocks:</b>		<b>Blocks:</b>	
Tickness	75-100 mm	Tickness	75-100 mm
Width	75-150 mm	Width	75-150 mm
Length	75-150 mm	Length	75-150 mm
<b>Performance</b>		<b>Performance</b>	
Change over time	1-5 minutes	Change over time	1-5 minutes
Block length 75 mm*	45 blocks / min	Block length 75 mm*	45 blocks / min

\* Block material length 3 900 mm or longer.

## Usage

Cutting solid wooden blocks for 4-way pallets.

## Function

Block material is loaded on the chain conveyor transporting them to the pusher that feeds them to the cutting zone. The block material is measured by the machine before cutting, and it also calculates what lengths to cut in order to optimize the usage and get zero wastage (or as little wastage as possible). The machine can handle 4 different block lengths in the same run, and each block can be optimized separately.

As an option, the machine can be equipped with double drive which makes it possible to handle two different block materials at the same time. The feeder chain and the circular saw blade are run by a regular electric motor, while the linear module is run by an AC-servo for best performance and precision. The blade-arm, the holding-ring for material in the cutter, and the air -blower function are operated pneumatically. The machine is controlled and monitored by its own PLC via an operator's panel.

## Electrical connections

Voltage 3 Phase 400 V 50 Hz  
Main fuses 3 x 35 Ampere / Delay Action  
Power consumption at 100% capacity 7.5 kWh

## Air consumption

System pressure 6-10 bar  
Nominal working pressure 6-7 bar  
Consumption at 100% capacity 400 L / min



### Operators side

To the right of the machine when looking in the production flow. The machine can be constructed to have the operator on the left side if needed.

### Options

#### Products

Curved feeding 90 degr. non motorized belt  
Curved feeding 90 degr. motorized belt  
Double block belt conveyor  
2 x drive

#### Remarks

*Curved feeding (90 degr) of blocks to the leg machine.*  
*Motorized curve is needed when the wide belt with two lines is used after the block cutter.*  
*Used when there are two different block material sizes.*  
*Makes it possible to cut 2 types of material with different width (block for EUR pallets).*