



# IM Hart AB

Machinery for the Pallet Industry

## Kombi-Flex R-1000 type2

| Machine specification facts.  |                                 | Standard performance   |
|---|---------------------------------|--|
| IM Hart machine deliveries. All machines are delivered according to CE Certification and complete documentation for Electricity, Hydraulics and pneumatics all according to European standard |                                 |  |
| Operators   |                                 | 2  |
| Length  |                                 | 3,5m   |
| Width   |                                 | 2,5m excluding platform ladder   |
| Height  |                                 | 3,6m   |
| Power   |                                 | 11kw 35A<br>3x400V   |
| Pneumatic system  |                                 | 7 bar compressed dried air: 300 L/min  |
|   | Should be filled and controlled | Container for lubricating oil<br>Compressor not included   |
| Hydraulic system  |                                 | Contains 180 liters  |
|   | Should be filled and controlled | Mineral oil ISO VG 68, ex Shell Tellus 68  |
| Machine capacity time   |                                 | 13 seconds to complete 1 pallet (800x1200) Do not include operator loading of matrix.<br>550pallets/8h shift.  |
| Standard equipment performance  |                                 | 3 ea. Assembly channels with motorized adjustment<br>1 ea. Leg Matrix adjustable<br>1 ea. Hydraulic unit<br>Program for saving nail positioning<br>Operators terminal for production control |
| Nailing system  |                                 | Mechanic, hydraulic beam nailing<br>2 ea. nail boxes IMH-9<br>18 ea. Nailing hammerheads   |
| Production possibility  |                                 | Optional with in 4-way blocks  |
| Additional options  |                                 | 1 ea. Nailing box IMH-12<br>Extra Nailing hammerheads<br>Nail indication system<br>Wider outer assembly channels (effects the pallet size)   |
| Outgoing additional options   |                                 | Automatic stacker<br>Automatic turner & stacker<br>After treatment<br>Chain conveyor   |

| Matrix material: Blocks     | Hight     | Width                        |
|-----------------------------|-----------|------------------------------|
| Material                    |           | Solid wood or pressed blocks |
| Dimension                   | 70-100 mm | 75-150 mm max 360mm/3 Legs   |
| Matrix material: Leg boards | Minimum   | Maximum                      |
| Material                    |           | Solid wood                   |
| Length                      | 600mm     | 1600 mm                      |
| Width                       | 75mm      | 150 mm                       |
| Thickness                   | 16mm      | 22 mm                        |
| Assembly:                   | Minimum   | Maximum                      |
| Legs in assemblychannels    |           |                              |
| Outside                     | 75 mm     | 100 mm                       |
| Middle                      | 75 mm     | 150 mm                       |
| Pallet size                 | Minimum   | Maximum                      |
| Length deck & legs          | 600 mm    | 1600 mm                      |
| Width deck                  | 600 mm    | 1400 mm                      |

The R-1000 machine is also upgradeable within the R-1000 system. Assembly machine SMS-1000. Machinery delivered from IM Hart AB contains no hydraulic fluids.

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## Kombi-Flex R-1000 Type2

Standardized, flexible, hydraulic pallet nailing machine.



R-1000 Type2 is a flexible pallet producer

**With in just a few minutes, adjustment is done, changing to a new type of pallet.**

**R-1000 type2 is also possible to upgrade to R-1000 system. SMS-1000**

**R-1000 type2 can be used as an SMS-1000 if there are complete legs available.**

One leg fixture and one assembly side, operated by two persons.

**Feed the R-1000 type2 manual with blocks and boards in the left leg fixture. Put in the ready legs in the assembly channels, and finally put a separate nailed deck on the top. R-1000 Type2 nails together legs and one complete pallet in each operation.**

**IM Hart has various additional options of machinery and fittings that easy can be docked on to other machines and still preserve the flexibility of the sizes and variations of pallets that goes through the machines.**