



IM Hart AB

Machinery for the Pallet Industry

Kombi-Flex R-1000

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 3x400V
Pneumatic system		7 bar compressed dried air: 300 L/min
	Should be filled and controlled	Container for lubricating oil 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. 550pallets/8h shift.
Standard equipment performance		1 ea .Channels Legs 1 ea .Pallet assembly channel 1 ea. Pallet Matrix interchangeable 1 ea. Leg Matrix adjustable 1 ea. Hydraulic unit Operators terminal for production control Program for saving nail positioning
Nailing system		Mechanic, hydraulic beam nailing 3 ea. nail boxes IMH-9 27 ea. Nailing hammerheads
Chocicely pallet matrix within		Optional with in 4-way blocks Optional with in 2-way stringer Optional with in 4-way perimeter
Additional options		1 ea. Nailing box IMH-12 Extra: Nailing hammerheads Nail indication system
Outgoing additional options		Automatic stacker Automatic turner & stacker After treatment 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: Legbords	Minimum	Maximum
Material		Solid wood
Length	600mm	1600 mm
Width	75 mm	150 mm
Thickness	16mm	28 mm
Matrix material: Stringer boards	Minimum	Maximum
Material		Solid wood
Length	600mm	1400 mm
Width	75mm	150 mm
Thickness	16mm	22 mm
Matrix material: Deck boards	Minimum	Maximum
Material		Solid wood
Length	600mm	1600 mm
Width	75mm	150 mm
Thickness	16mm	22 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. R-1000 type 2 and Assembly machine SMS-1000. Machinery delivered from IM Hart AB contains no hydraulic fluids.



Kombi-Flex R-1000

Standardized, flexible, hydraulic pallet nailing machine.



R-1000 is a flexible pallet producer

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

Inter changeable fixtures

R-1000 is also possible to upgrade to R-1000 system. R-1000 Type2 and Assembly machine SMS-1000

Two operators feed one fixture each.

Feed the R-1000 manual with blocks and boards in the left fixture. Put in the ready left legs in the right assembly fixture, and finally put a complete deck on the top. R-1000 nails together three legs and one complete pallet at the same time.

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 verities of pallets that goes through the machines.

