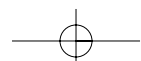
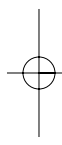


STRETCH-1

High production machine





HOOD



The stretch-hood system for protecting and holding the load in position on the pallet is an innovative procedure developed by **Metral**® some ten years ago.

Among its advantages the elimination of heat shrinkage with the consequent saving in energy and improvement of safety is noteworthy.

Metral® stretch-hood machines are the result of a process of technical enhancements included in the machine, where mechanisms have been developed to an optimum level of quality.

The strength of the machine has been designed to withstand heavy working conditions, but with minimum maintenance.

Furthermore, the development of the plastic used enables smaller thicknesses to be used, with the consequent savings in costs.

Stretch-hood Characteristics



The process begins (fig.1) with the preparation of a hood from the plastic roll. The machine measures the programmed length, welds and cuts the plastic tube and positions it on the four arms.

Then (fig.2), it stretches the hood in such a way that it can enter through the outside of the pallet.

Next (fig.3), it moves downwards to wrap the pallet. As the plastic leaves the arms, its elastic property tightens it over the load, so that it is firmly held in position.

When the cycle is complete (fig.4), the pallet is conveyed out of the machine, which is then ready for another pallet.

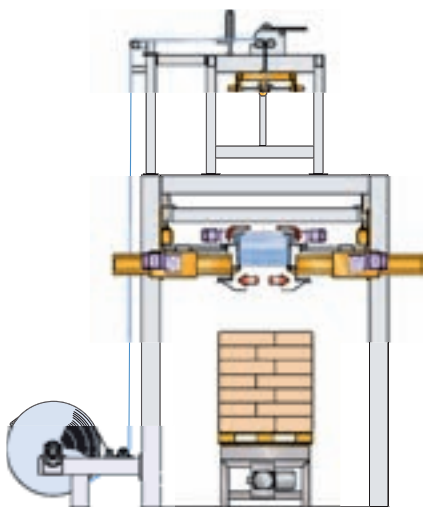


Fig. 1

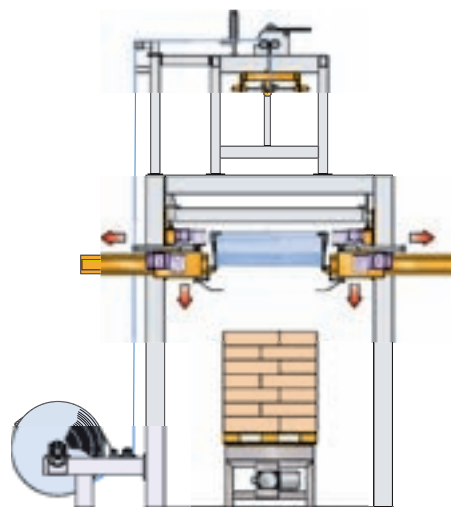


Fig. 2

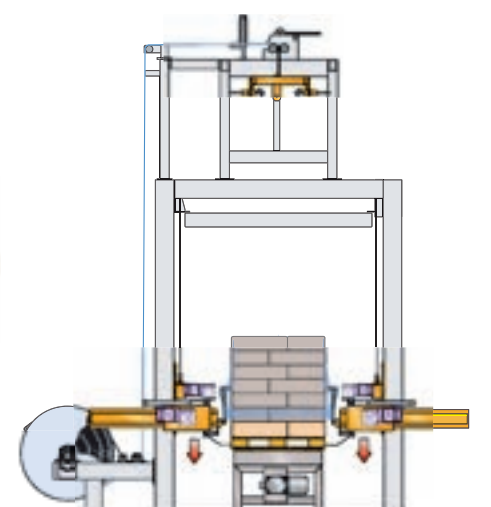


Fig. 3

Layout dimensions **Stretch-hood**



The photo reveals the power of the motorised arm with its safety device, which is activated when anything blocks its path.

The diagrams are of a high-production, 150 pallets per hour machine and the stated dimensions are for a 1000 x 1200 pallet, with a height of 1400 mm.

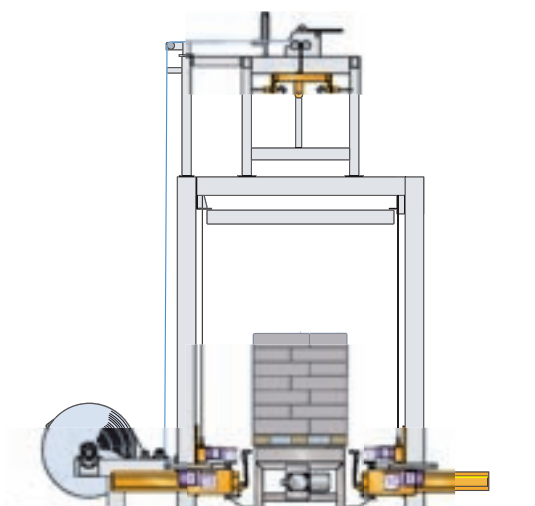
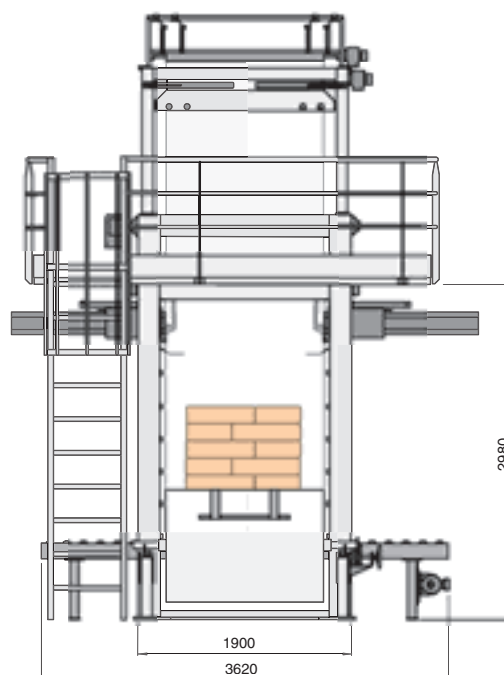
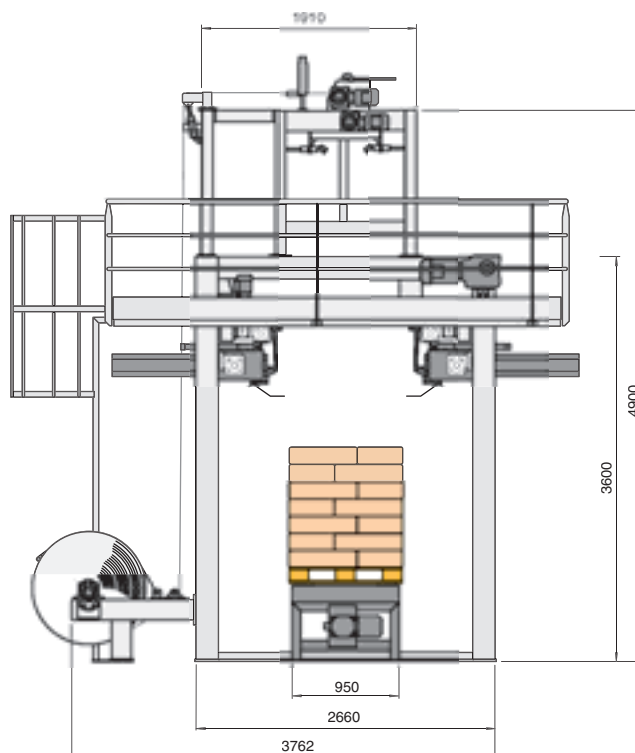


Fig. 4