

DATA SHEET of Millenium01ss (M01ss) (updated Sept. 2015).

The M01ss (Fig.1 Vers.A or Fig.2 Vers.B) is a model of paper handles making machine for the automatic production of bulk handles (as free handles to be applied on luxury shopping bags handmade).

The M01ss is able to produce (see diagram Fig.3) the following bulk handles:

-manufacture double patch paper handles in rope in five base-sizes: MINOR, MINI, MEDIUM, MINIGIGA and GIGANT;

-manufacture 14 Trimmed-sizes of double patch paper handles in rope, starting from base-sizes MINI, MEDIUM, MINIGIGA or GIGANT. See Fig.3 Handles with suffix s, ss, sss,....

Its standard versions consists of a machine equipped of five handle base-sizes as MINOR, MINI, MEDIUM, MINIGIGA and GIGANT.

The set-up of the machine to change handle-size takes about 30 minutes.

The patch may have any dimension of band-height between 40mm and 70mm.

The patch paper may be from 50 to 150gsm and, coupling two of the, you can use difference ones.

The handle (Fig.3), in all of their sizes, always consist of two paper patch and a rope glued on with HotMelt or with HotMelt + Vinyl glue, like a "sandwich". The one posed patch appears as straight and the other appears as enveloped around the inside melted rope.

As straight patch it's possible to use a tin-card strip until 0.6mm thickness.

The two bobbins of patch are loaded on two different constant-braking enrollers.

The patch bobbins must have a hole core ID=76.2mm (3") and it can have an outside diameter OD=1300mm maximum.

The rope, usually* a semi-finished product prepared, can be 1 to 6mm OD and there are no limits about its constituent nature or about its rigidity or about its mechanical resistance (rope in twisted paper, rope in cotton & paper or in soft cotton or a cloth strip or plastic strip or paper folded strip etc.).

* As an alternative exists the possibility to directly supply the Handles Machines M01 with twisted rope simultaneously manufactured by the Rope Machine M09 in order to avoid the purchase of twisted rope and its associated costs.

For the using rope there are only the following limits:

- compatibility with HotMelt glue (and/or with the Vinyl glue) used to form the "sandwich";
- aptitude to its transversal cutting;
- a minimum flexibility to assume the handle form;
- supplied in nude coils (for rope in twisted paper) or in closed bobbins (for all the other kind of soft ropes);
- it's not suggested to use stockpiled ropes.

As optional two additional rows of cold vinyl glue can be installed on because sometimes it's necessary to obtain a sure seal against a rope unthreading from inner side of "sandwich". This applicator draw glue from a container with a very light pressurization (0.5-1.6 bar) and it guarantees a good production-autonomy.

The M01ss is a model-machine just to produce free paper handles as upon reported.

Mechanical and powerful machine members enable to work up to 270 beats per minute (=540 MINI handles per minute) that decrease in proportion to the increase of patch's lenght.

So the production speed will be always between said limits and from time to time it will depend also and especially on current global production conditions where the most important of them are: *Competence of workers, Workability of material in use, and Condition of Use & Maintenance of the machine.*

The weight of machines is about 1800 Kg, the space it takes up is about m3.2x1.2x2.0(H); its compressed air (dry and filtrate).supply is about 150 l/1' >6 bar. The machines need of 8.5kw/h of electrical energy (3x380 Vac+N+G at 50Hz).

During the handle-production the machine maintains uniform quantity of HotMelt (and of Vinyl glue if present) proportioning the HotMelt pump (and the pressurized tank of Vinyl glue) with the current production speed.

A comfortable control panel complete and a display assures a simply use and a fast programming of various operative modalities that can be formulated, changed, memorized and called back at any time.

A counter of Pair-Handles is provided.

The machine is provided with all safety measures, with CE-Conformity Declaration and with CE Handbook, in accordance with CE directives, and there's a qualified Technical Service ready all the time to support the customer. The machine has one-year guarantee excepting parts subject to normal wear.

Fig.1: M01ss (version A)

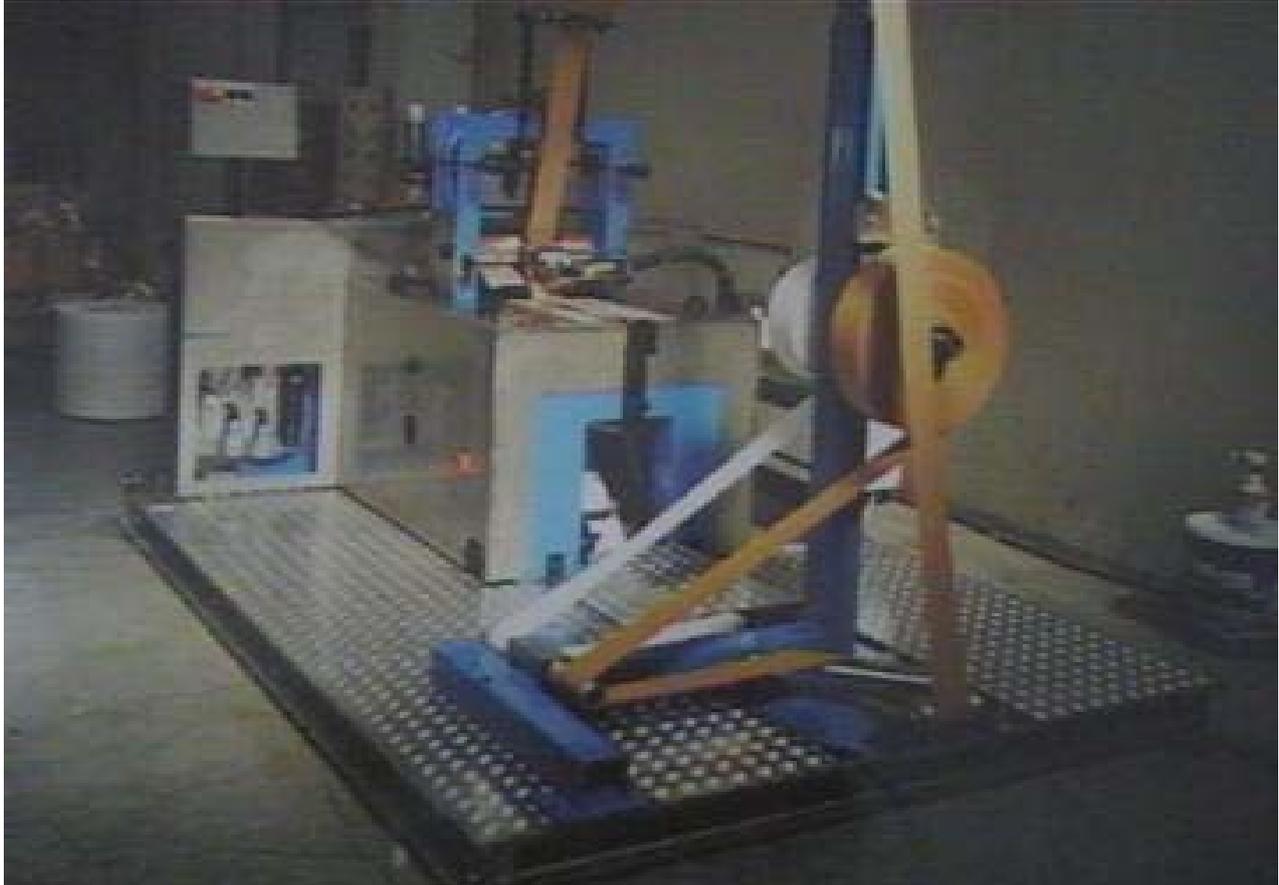


Fig.2: M01ss (Skeme Version B)

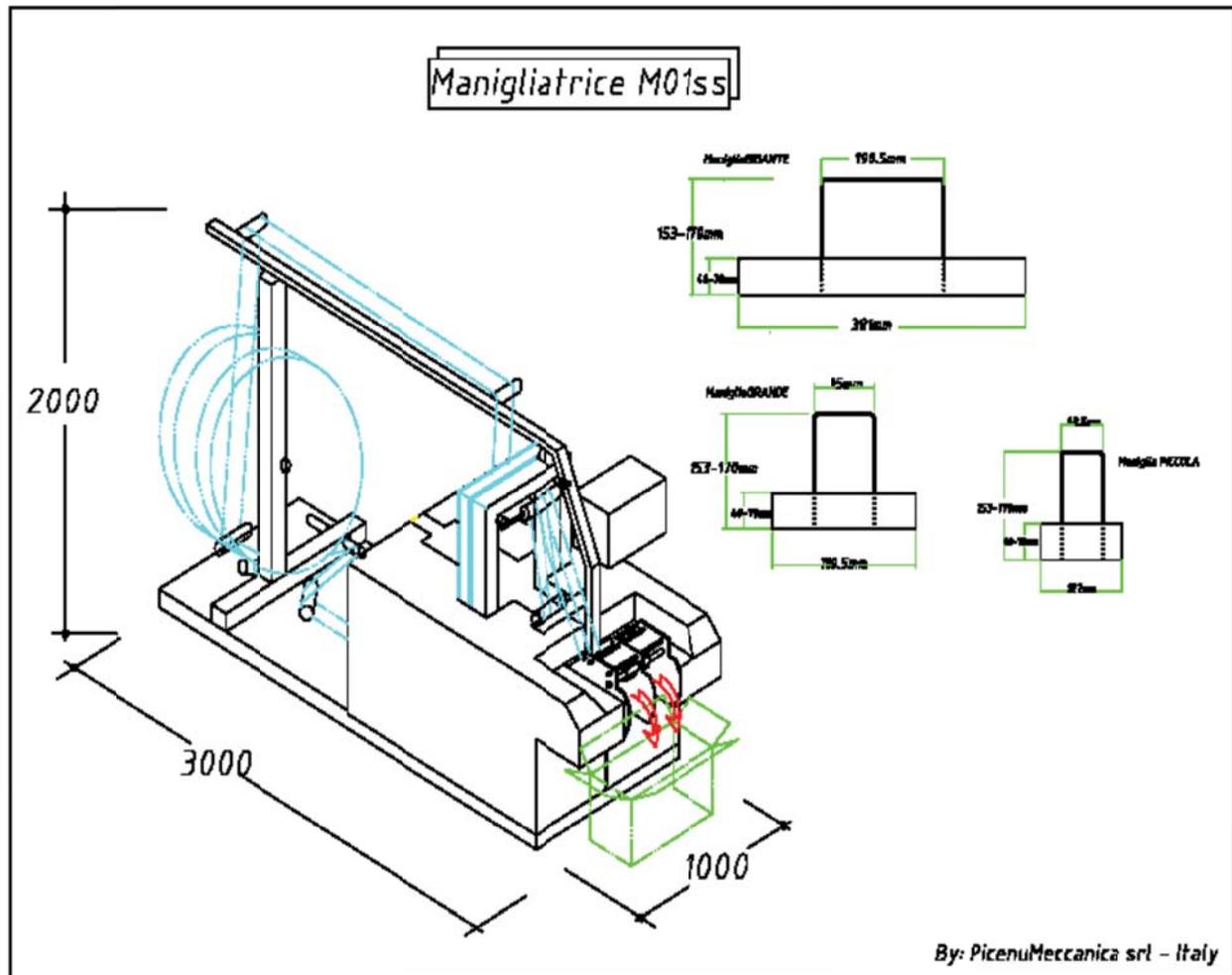


Fig.3: (Producible Paper Handles with M01ss machines)

