

Digital Finishing Group

WM

<http://www.dfgus.com/ultrahighvolume/wirecalendar.html#wm>

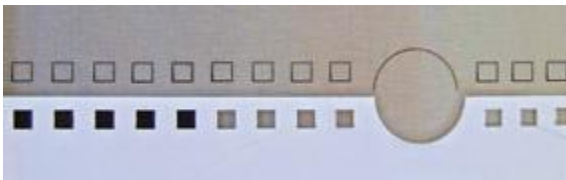
It is a high technology machine, designed and built with the latest generation components. Depending on the market requests it allows customers to invest in small equipment, easy to be operated.

Projected for binding brochures, manuals, calendars, folders, and special products, a perfect solution to produce small runs, very flexible for several applications:

- Punching
- Punching and inserting the wire-o
- Wire-o binding with or without hanger
- Binding with the wire-o, using materials already perforated



The WM set-up is automatic and intuitive by using the touch-screen. No adjustment on the binding kit by selecting the wire-o number of rings on the touch screen.



The operator can easily center the material between the clamps by using the punching and hanger profile marked on the steel table.

The material is moved by clamps and perforated by perforating tools of various sizes. The operations on the punch and base tools, during the change of the format, are extremely easy.

After the perforation, the material, still kept by the clamps, reaches the binding station where.

In this station the metallic hanger is shaped and inserted through a loader which can store about 500 pieces of wire (2mm diameter) already cut, but still not shaped. Up to 70 hangers ready can be stored by the accumulator.

A detector situated after the hanger's insertion checks its presence and stop the machine in case of absence.

The automatic insert of the wire-o is obtained keeping the material still.

The binding station is interchangeable over a tray which allows to put the different kit (3/16", 1/4", 5/16", 3/8") in less than five minutes. When it is requested to change the wire-o size, with simple movement you just have to unlock the kit from the machine and to substitute it with the new one.

General technical data:

Max binding size: mm 500x500 and mm 500x700 - (punching side: mm 500)

Mini binding size: mm 105x105

Standard kit: 1/4" (on request 3/16", 5/16", 3/8").

Standard pitch: 3:1" (on request 4:1").

Maximum perforating thickness: mm 4 "a time" (depending on the pitch, the material, the calendar's wideness)

Touch-screen control

Comprehensive of: Variable speed wire-o unroller

Delivery conveyor

Accessories:

- Binding kit: 3/16", 1/4", 5/16", 3/8".
 - Device for shaping and inserting the hanger. It can store up to 500 pieces of pre-cut wire and 70 hangers ready to be inserted.
- Wire-o diameter 2mm, hanger's length from 70 up to 350 mm.

Technical data:

Electrical equipment: 400 V 3phase

Power: Kw 4,5

Compressed air: 6 bar and 25 l/min

Dimensions: 2400 x 1200 x 1500 mm

Weight: 1300 kg

Speed : 2000 cycles/h