

New innovative models for screen making

When taking a close look at the market, we can see that now as before the weakest link in the production chain of professional screen printing is the screen making process. Unfortunately, it is still true that far too often the screens are prepared through manual processes, which is synonymous with insufficient screen quality. In addition, this manual method causes high costs, a large number of subsequent problems and – worst of all - unsatisfactory printing results.

In many cases the arguments we hear concern the investment cost, i.e. there is a common belief that automation is not profitable for certain screen printing sectors and that the price/benefit ratio is not favorable.

Taking into account this situation, GRUNIG has developed two new models in the “PLUG &” range, with the intention to offer affordable screen making equipment to smaller and medium-sized companies, regardless of the fact whether they are using decorative or functional screen printing.

Both models have been designed for automating and standardizing essential screen printing processes. Because the screen printing technology can only remain competitive on condition that the printing screens are manufactured in a consistent quality, as rapidly as possible, in a reproducible manner and as cost-effectively as possible!

For many years, our guiding principle has been: **THE PERFECT SCREEN!**

Global novelty – G-COAT 406 Automatic coating machine PLUG & COAT

In addition to the extremely successful G-COAT 404 PLUG & COAT, of which we have sold countless units, GRUNIG is from now on in a position to offer their customers the latest model G-COAT 406 in standard size. With this machine, screens with a maximum frame format of W700 x H1000 mm can be automatically coated, in the well-proven and appreciated GRUNIG quality.

Designed as a table-top version, this machine is small and compact, but (when combined with the “sub-construction” option) it can also be easily used as a floor-mounted stand-alone unit.

The **G-COAT 406 PLUG & COAT** can be individually programmed to suit the customer’s particular requirements. The coating process is carried out on one or both sides, in function of the programmed coating parameters.

The patented GRUNIG coating troughs G-COAT 401 are part of the standard delivery and can be freely selected up to a width of 600 mm and with a radius between 0,25 and 1,00 mm.

Customers wishing to coat large quantities of smaller screens have the possibility of coating two screens at the same time.



Global novelty – G-WASH 106 Automatic developing machine PLUG & WASH

Far too often, the process of automatic screen washing respectively of developing them after the copying/exposure process, is considerably underestimated. Manual processes in this field lead to irregular results, which causes visible quality problems during printing.

The recently developed **G-WASH 106 PLUG & WASH** is the solution to this problem, as it automates the procedure. The developing machine is available with a standard height for screens of up to 1400 mm. With regard to the width, the customers can choose among 4 different machine widths, i.e.: 1000, 1250, 1500 and 1800 mm.

A major advantage of this model is the closed construction method selected for the stainless steel chamber. During the washing process, the water vapors are thus prevented from escaping into the environment. All the operator needs to do is open the door, insert one or several screens, close the door, select the appropriate program and push the button for starting the automatic process.

The state-of-the-art touch screen terminal has been designed to allow free programming. Several programs are available in order to adapt the automatic processes to the various mesh types, emulsions and layer thicknesses.

The unique and highly reliable GRUNIG G-WASH 101 spray nozzles made of stainless steel allow achieving optimal results. It goes without saying that the nozzle pressure can be adjusted in front, at the back or for both sides.



These two models represent an ideal completion of the extensive GRUNIG portfolio, as they offer interesting solutions at an extremely fair price.

Please contact us – we shall be happy to suggest the model that represents the optimal solution for your screen preparation needs.

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