

The first #Imawebinar2023 on Wedding and Ceremony dresses was held on April 20th, 2023

IMA held the first #Imawebinar2023 on Wedding – Ceremony’ dresses - Mrs. Mirella Sardini, President of IMA made a speech below.



Hello everyone and welcome to the first meeting in the #Imawebinar2023 series. Before starting, I would like to give you some information because this is another important year for IMA. As you all know, in June we have a very important rendezvous, the ITMA 2023 Fair.

I would like to remind you that you can find us in Milan from 8th to 14th June in Hall 9 at Stand B201.

We will be present with the complete line for high productions and in particular for the denim sector, considering the type of customers that usually come to this fair.

At the same time, we are organizing an event-in-the-event at the IMA headquarters to introduce the other new products. We will also be ready with a line for medium-low productions, more suitable for the Italian and European markets. With a new robot for handling and managing the rolls of fabric... and ... obviously, I'll stop here, but we look forward to seeing many of you because there are many other innovations which are translated into new solutions developed especially by IMA.

For this and future webinars we wanted to deal with subjects in a slightly more technical and concentrated way, starting from the model of the garment, in this case wedding gowns and dresses for special occasions in general, managed at CAD level, to reach the final cutting with the complete solution proposed by IMA for this sector.

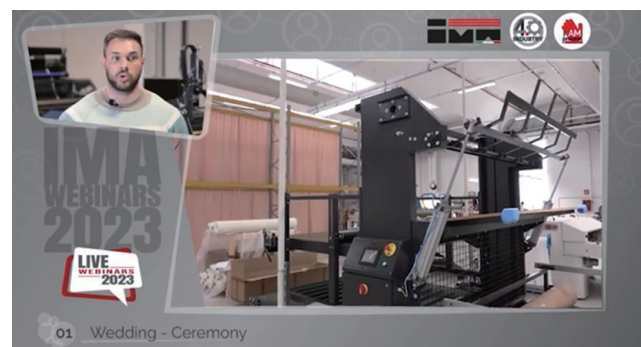
I would say that that's all for now, thank you for your attention and enjoy the webinar.

WEBINAR – WEDDING GOWNS AND DRESSES – MACHINERY

INTRODUCTION

Making wedding gowns and dresses is a very com-

plex process and requires highly skilled craftsmanship. Wedding gown designers have to face many challenges during the creation of these pieces. For example, the



fabrics used for wedding gowns can be very delicate and expensive, so they have to be handled with great care to avoid damaging them. In addition, wedding gowns often have very elaborate details such as embroidery, lace and beads which require extreme attention to detail and precision. Wedding gowns also have to be designed in such a way as to fit the bride perfectly which means that each gown has to be made to measure and customized for the body of the person who will be wearing it.

Fortunately, the use of technological machinery can be of great help in the creation of wedding dresses. For example, machines for automatic cutting can be used to cut delicate fabrics accurately and uniformly or automatic spreaders can be used to spread materials which are extremely difficult to handle.

In short, although making wedding gowns and in general dresses for special occasions remains a challenge for dress-makers, the use of highly technological solutions can help simplify the process and improve the quality of the finished gown or dress.

CLOTH ROLL LOADER - 808

Our company, IMA, offers a complete range of products for the production of wedding gowns which range from handling and loading cloth rolls onto the spreader to automatic cutting. Every customer has their own working method, the result of decades of experience, but IMA recommends the use of the 808 models to load the cloth rolls onto the spreader, capable of moving and stocking the cloth rolls rapidly and precisely, without making mistakes or damaging the cloth, with a sequence of up to eight-ten cloth rolls depending on the diameter.

SPREADER – 890L

The fabrics used for wedding gowns have a very low grammage and high elasticity, and this is why our Phoenix machine model 890 version L has been a reference for the production of these gowns for several years. Thanks to its technical specifications, such as the double dancing bar in a lower position, the special horizontal cutting device optimized for these types of fabrics, the notched feeder roll to relax the fabric as it is being spread and the double antistatic bar for the removal of electrostatic currents, the Phoenix 890L guarantees spreading the fabric without tensions, very high precision of the heads and the possibility of spreading out extremely lightweight and complex fabrics.

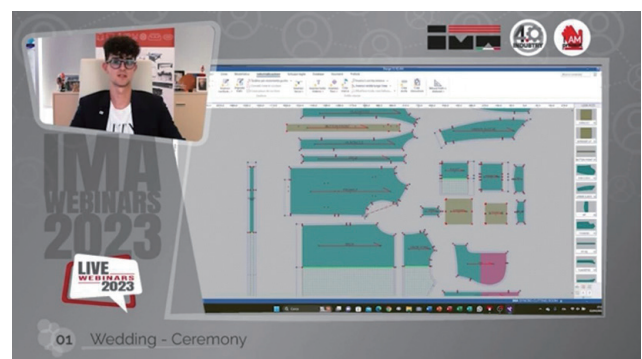
STORAGE - MULTILEVEL

Before proceeding with automatic cutting, the fabric is stored in our multilevel table, which allows creating buffers of production, keeping the dimensions of the cutting room contained. The IMA multilevel table is made up of a series of conveyor tables, one on top of the other which allow storing or stocking several lays and being recalled by the operators totally autonomously as required.

FABRIC CUTTER - 921

After the stockage phase, we can proceed with the final phase of the process, i.e. the part of cutting the fabric.

The ideal IMA choice falls on the automatic cutter 921 Tempest Plus 3 cm. which allows cutting lays up to 3 cm. compressed, guaranteeing a very high precision of cutting on these extremely delicate fabrics. This precision is guaranteed thanks to the use of specific and advanced technological decisions such as digitally controlled vacuum in real time in order to avoid deformations of the material due to the change in the flows of intake air. On the Human Interface side, IMA makes available algorithms for the optimization of the marker which is translated into efficiency and excellent quality obtained from automatic cutting.



MAXIMA CAD is the full suite of programs by IMA for advanced pattern-making and prototyping with which it is possible to increase the efficiency of pattern development by up to 35%. The two main software programs are designed for the creation of the patterns and markers for the creation of the perfect marking.

DESIGN has modules and features which speed up the creative and design process of the garment. It contains multiple commands to accelerate single and composite functions.

It represents the part of pattern-making where, in the specific case of wedding gowns and dresses for special occasions, the existing pattern book can be modified with the measurements of the client, managing them in real time. The steps in this precise context, which is more tailoring than industrial are: choice of the model of dress, acquiring the measurements, choice of the various components and accessories to customize the garment.

MARKER: The ideal instrument for the creation of free markers, with the possibility of including requirements such as rotation and overlapping of the pieces, reference markers and defect areas, customized grids for checks and stripes and display of the positioning of the fabric on the spreading table, in order to optimize and save the fabric used to generate plotting and cutting files.

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