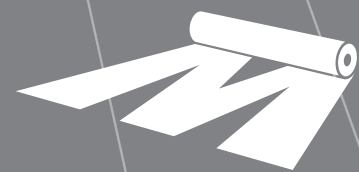


MAST3R MIND

THE BRAIN OF YOUR CUTTING ROOM



MorganTecnica

THE TRIP

WE WILL SHOW YOU HOW TO
GET THE MOST EFFICIENCY
FROM YOUR CUTTING ROOM
MANAGEMENT.

MASTERMIND, THE SOFTWARE SOLUTION FOR
CUTTING ROOM MANAGEMENT

MASTERMIND

ORDER TIME LINE : 667 -

MAST3R MIND ✓ Nuovo ordine ✓ Ratio plan done ✓ Inviato alla coda ✓ Recuperati dati dal restor ✓ Creati materassi ✓ Roll assignment done ✓

► CAD
► BOOKING
▼ ORDINI

GIACCADEFAULTTESSUTO

	44	46	48	50	52	54	56	Numero tel	Numero taglie	Quantità piazzate	Totale capi	Longhezza piazzato (mm)
Ordini cliente	1							112	4		448	
Ordini MTM	1							25	4		192	
Somma quantità	2							137	8		640	
Multicolore			2					97	2		20	
Multi-modello						1		83	2		8	
Consumo di taglio										1	1	
Consumo pezzamenti									2		2	

PARAMETRI ALGORITMO

Nuova soluzione Elaborazione automatica Elaborazione manuale

SOLUZIONI

PLIES (*) Conosci i settings

Massimo numero tagli

Ratio curve 4 plies

Massimo numero tel

Tipi stesura

SIZES

Massimo numero taglie

Target length piazzato (mm)

Altezza tessuto (mm)

Massimo numero eccedenze

Single Step

Usa numeri pari per taglie

Chiudi usando taglie singole

Ignora massimo numero di tel

Chiudi usando piazzati archiviati

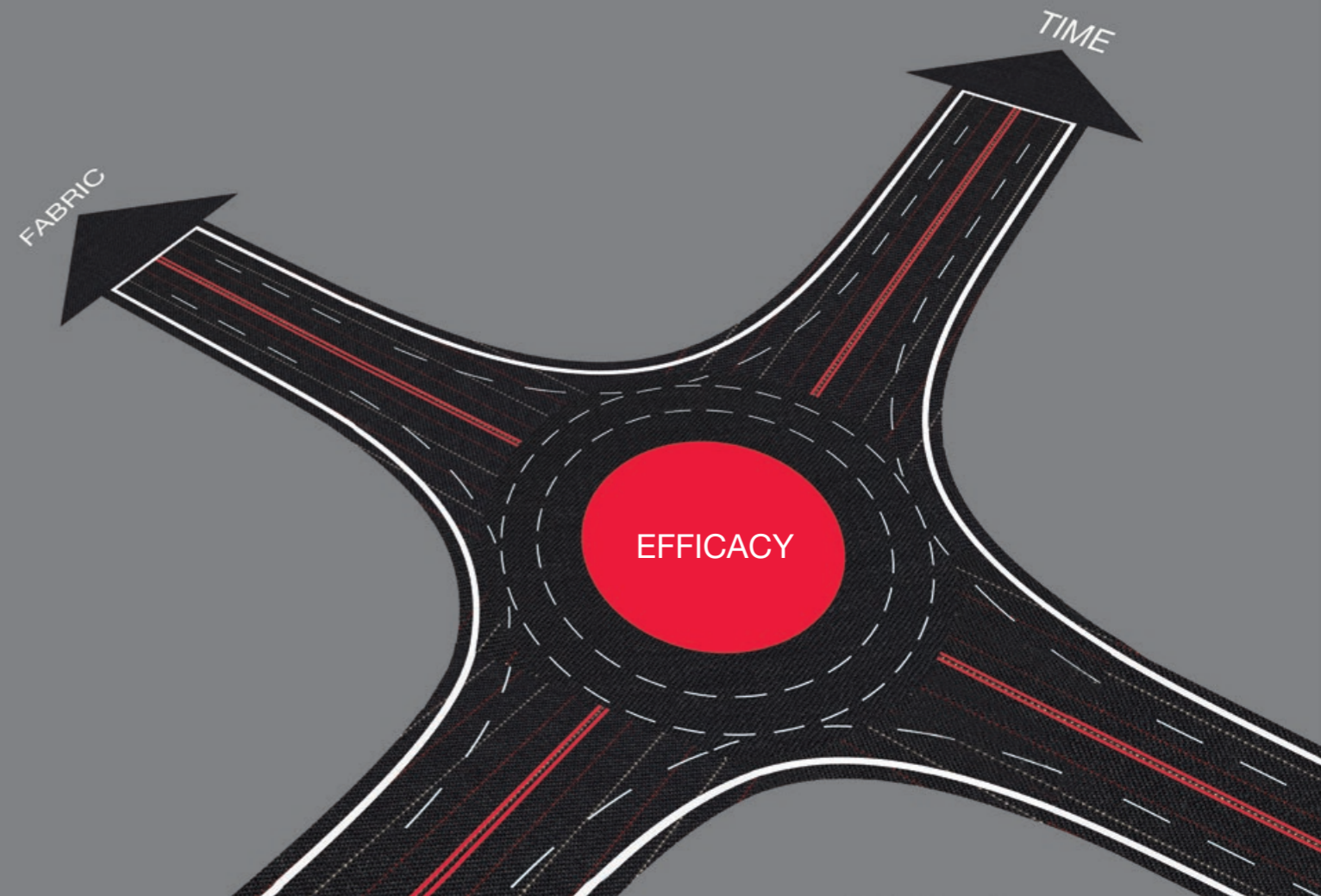
Ver: 1.0.0 / 1.0.0 / 3.0.0

THE DIRECTION

WITH MASTERMIND WE WILL TAKE YOU TO THE IDEAL MEETING POINT BETWEEN FABRIC ECONOMY AND TIME SAVINGS.

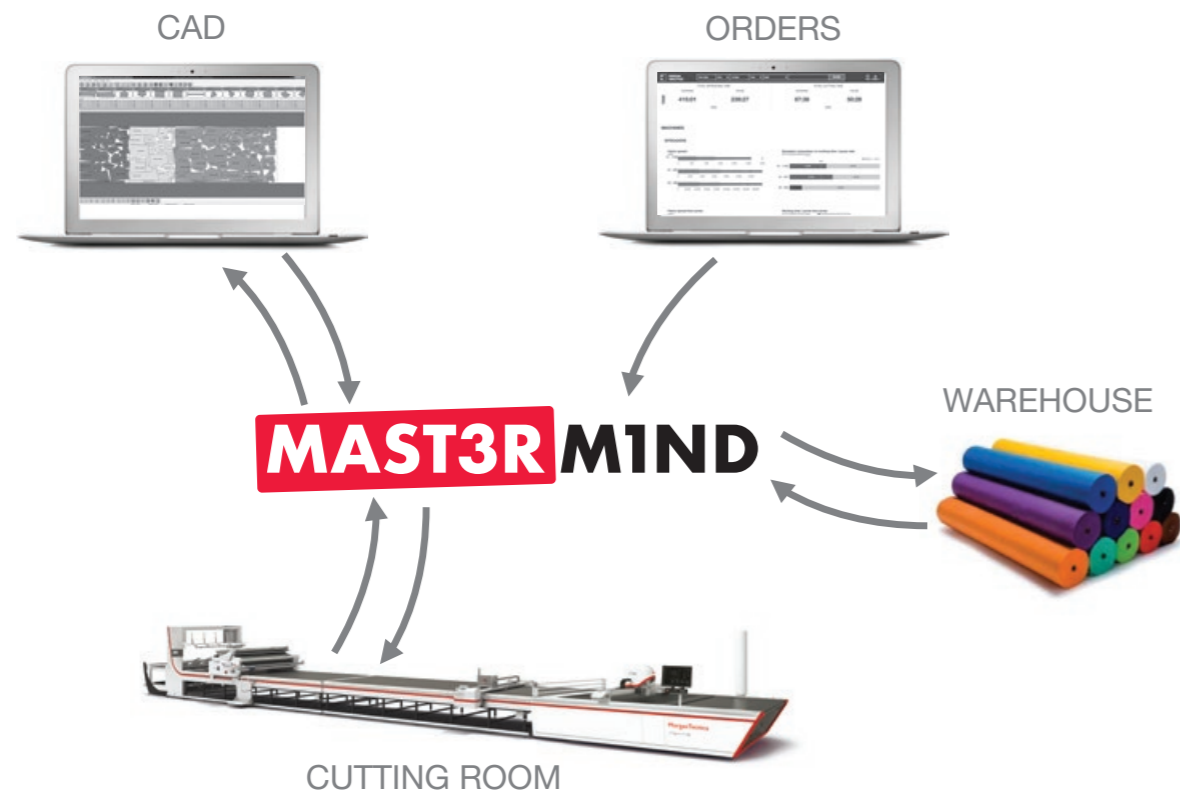
MASTERMIND GOALS

- INTEGRATION AND COORDINATION BETWEEN DEPARTMENTS
- OPTIMIZATION IN ORDER MANAGEMENT
- RECOGNITION OF THE BEST PRODUCTION SOLUTION
- OPTIMIZATION OF WORK DURATION
- IDEAL PLANNING FOR THE CUTTING ROOM



THE STRATEGIC IMPORTANCE OF SPREADING.

Correct planning for the lay and smart spreading determine the final consumption of fabric, significantly reducing industrial costs.



THE TRANSPORT

MASTERMIND IS THE SOFTWARE SOLUTION FOR THE OPTIMAL MANAGEMENT OF YOUR CUTTING ROOM.

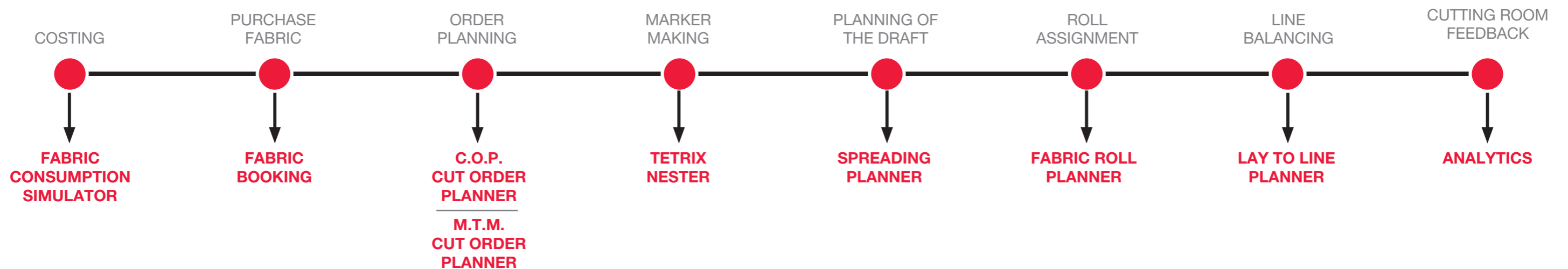
You can save over 10% of fabric

Systematically analyzes and processes each job order, calculating the optimal size assortment based on the quantities required while taking into account your specific priorities at that moment.

By communicating with the various departments involved, it generates detailed instructions for marker elaboration, for selection and removal of the pieces and for production of the spreading lays.

THE PATH

MASTERMIND OFFERS A MODULE FOR EACH MICRO-STAGE OF YOUR PROCESS.



THE MODULES

Mastermind is a modular system that can be configured for your specific production needs.



* It can be sold individually



C.O.P. CUT ORDER PLANNING

Save up to 5% of fabric

Mastermind basic module that allows immediate processing of production orders. The C.O.P. includes the master data of models and fabrics, allows the automatic import of orders via excel and the grouping of orders by quantity, color or model. It allows the automatic creation of nesting queues for CAD MorganTecnica and the automatic retrieval of the related information (length, efficiency and cutting perimeter).

Generates customizable feedback for ERP, spreading and cutting orders for MorganTecnica lines and standard output files (iso / hpgl).



FABRIC CONSUMPTION SIMULATOR

Calculate your costs in advance.

Directly interfaced with automatic nesting, the consumption simulator allows you to perform a pre-analysis of the fabric consumption for each model, creating "sample" nesting in a quick and dynamic way, modifying the various nesting parameters. All placements will be stored with the possibility of graphical analysis, including:

- Length of placement - Placement height - Placement properties
- Final consumption - Average consumption per model - Total efficiency
- Average efficiency.



FABRIC BOOKING

Optimize fabric purchases

It allows you to bulk process future orders, using standard nesting parameters to obtain the actual requirement of fabric consumption.

- Preliminary elaboration of production orders
- Planning with existing markers
- Realistic estimate of the required fabric requirement.



TETRIX NESTER

Get maximum marker efficiency

New automatic nesting software designed to facilitate integration with other CAD systems by offering:

- Marker processing through DXF files
- Significant Increase of marker efficiency
- Management of all types of markers and related parameters
- Management of placement queues
- Automatic generation of plotter / cutting files.



SPREADING PLANNER

Plan your spreading lays

It allows the creation of different lays, joining them together and creating step lays where it is possible to further increase fabric savings. It is also possible to create and compare different scenarios through the following criteria:

- Total fabric consumption
- Estimated time of spreading and cutting
- Average consumption of the model
- Total cost of the solution
- Average cost per unit.



FABRIC ROLL PLANNER

Optimize your fabric warehouse

Easily interfaced with ERP systems, it allows for import of warehouse stock by managing basic information. This information allows to check for up-to-date stock availability for each order making it possible to create the marker in Tetrax Nester with the correct fabric properties.

Once the placements have been created and the final fabric consumption obtained, it will be possible to assign the pieces by customizing the different assignment priorities, obtaining detailed reports such as the list of pieces for individual lays, plies to be spread, theoretical remnants and garments produced.



LAY TO LINE PLANNER

Improve the performance of your cutting room

It allows you to create your own cutting room at the software level by setting various restrictions, both physical and by machine type, for the different spreading and cutting lines. It is also possible to configure your own work table, indicating cutting room operation hours and hours of machine downtime.

With this data, this module will automatically assign the different lays to the many lines, optimizing the work on the basis of the average spreading times calculated by the system.



MTM ORDER PLANNER

Manage made-to-measure orders

It allows MTM orders to process in a completely automatic way, even in the absence of an operator, from the acquisition of orders convenient pre-set formats, to the creation of files for the cutting room.

The system can work with both alteration values compared to a standard size, and with the customer's measurement table, automatically identifying the reference size and calculating the necessary alterations.



ANALYTICS

Analyze the performance of your MorganTechnica cutting room

Analytics allows you to have real-time information on the total length of spread and cut, and working times.

As a web application, Analytics can be accessed from any device connected to Internet, in total security. Data is updated every 10 minutes allowing real-time monitoring of cutting room data.

It allows to improve control, increasing the production efficiency of the cutting room and the saturation of the lines.

The best way to understand how Mastermind can help you optimize your work process and reduce costs is through a product demo simulation with your company's actual data.

Request a simulation now!

SAVE FABRIC

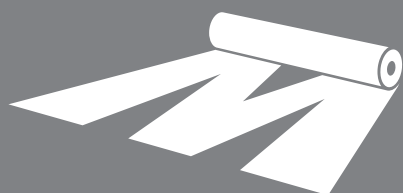
SAVE TIME



MORGANTECNICA EXPERIENCE & GENIUS

"The Mastermind development team builds on the legacy of a work begun over 40 years ago and still brilliantly carried out by Franco Giachetti, who was the first to understand the fundamental strategic importance of always seeking, for each job order, the best possible combination between fabric savings and lead time containment, through the use of the most advanced analysis and calculation tools offered by technology.

For this reason, MorganTecnica prides itself on having the most vast experience and specific expertise in the organization of the cutting room."



MorganTecnica

ITALY / INDIA / CANADA / HONG KONG / USA

MorganTecnica SpA
Via San Pancrazio, 11/B
25030 Adro (Brescia), Italy
Tel +39 030 7704446

www.morgantecnica.com   