Our spreading machine are designed with the latest generation of technology and electronic components to provide the highest efficiency in spreading all types of materials, operator flexibility, energy efficiency with the best performance on the market.

The on board “PC-Touch” gives the opportunity to control and manage the machines productivity on site and/or remotely via web.
The sunrise of a new era
Morgan Tecnica is now offering the opportunity to view your spreader data in real-time over the web, using the on-board computer touch and one of our latest and innovative software applications. This solution provides you with the possibility to keep under constant control your production process, detect the eventual critical areas and take immediate action to improve it.

Interactive charts and graphs, provided by the system, will permit you to elaborate comparisons and statistics on productivity and efficiency of the Morgan line. Morgan Analytics represents an innovation unica, that changes the concept of governance of your own business.

**MORGAN TWIST 60 T**
Compact, versatile and flexible, it guarantees top performances in spreading any kind of materials, from elastic and light, to hard and heavy. By using the latest generation of digital electronics, the machine is able to control each individual micro-function and give a quick response to any input. This advantage allows to reach top possible spreading precision and quality, highest working speed, production efficiency and maximum reliability.

**CARATTERISTICHE TECNICHE:**
- **Capacità:** 60 Kg
- **Altezza materasso:** 20 cm
- **Velocità massima:** 100 m/min
- **Altezza utile del tessuto:** 180/230 cm
- **Capacità:** 60 Kg
- **Voltage:** 400 V 3Ph 50/60 Hz
- **Polo motori:** 2,5 Kw
- **Max. height:** 20 cm
- **Max. speed:** 100 m/min
- **Max. width:** 230 cm
- **Power:** 2,5 Kw
- **Frequency:** 50/60 Hz

**TECNICAL SPECIFICATIONS:**
- **Capacity:** 60 Kg
- **Fabric width:** 180/230 cm
- **Top speed:** 100 m/min
- **Max lay height:** 20 cm
- **Power:** 2,5 Kw
- **Voltage:** 400 V 3Ph 50/60 Hz

**SOFTWARE FEATURES**
- On-board pc touch to control all working functions
- Innovative and user friendly icons graphic interface
- Possibility to set up: lay length, number of plies, spreading speed, acceleration and deceleration ramps, end-losses, without clamps
- End alignment set up
- Spreading type set up: face up, zig-zag, zig-zag with ends cut and face to face
- Possibility to program multi-sizes and multi-colour work orders, manually (pc touch) or automatically (wireless with Cut Order Planning)
- Possibility to automatically spread any type of lay: flat, regular step and irregular step.
- Feed back of spreading report (fabric usage and time), in a format that can be integrated with existing company ERP

**CARATTERISTICHE HARDWARE**
- **Motors:** brushless digital
- **System:** of auto-diagnosis to individuate and segnalare eventual anomalies, in assenza of operator
- **System:** of auto-apprendimento per migliorare l'efficacia produttiva
- **PLC:** OMRON
- **Cradle:** a triple tapped in PVC a tutta altezza, with doppia guida laterale; uno dei due tappeti superiori e inclinabile per facilitare il carico dei rotoli di tessuto.
- **Encoder device for length digital control**
- **Automatic lift for knife group**
- **Auto-diagnosis program to detect and warn about eventual anomalies**
- **Self learning system to improve working efficiency**
- **Digital brushless motors**
- **Encoder device for length digital control**
- **Total "tension free" automatic device**
- **Teflon covered and inclined chute avoids electrostatic effect and prevents from relative wrinkles**
- **Total customization of performances according to specific needs. Carrying capacity: 60 Kg.**

**FUNZIONI SOFTWARE**
- PC Touch interattivo: tutte le funzioni a portata di dito.
- **Interfaccia grafica ad icone, innovativa ed intuitiva**
- **Programmazione lunghezza e numero dei teli da stendere, velocità di stesura, ritorno a vuoto, accelerazione e decelerazione, senza uso di pinze**
- **Programmazione testate di inizio e fine materasso**
- **Programmazione tipo di stesura: “mezzo foglio” zig-zag, zig-zag tagliato e faccia a faccia**
- **Programmazione dell’intera commessa di lavoro multi-taglia e multicolore, manuale (pc touch) o automatica (wireless with Cut Order Planning)**
- **Possibilità di stendere automaticamente materassi di qualsiasi tipo: piatti, a scalini regolari e a scalini irregolari**
- **Visualizzazione numero di teli ed i metri di tessuto stesi**
- **Possibilità di assistenza e software upgrade on line**
- **Feed back dei report di stesura (consumi e tempi), in formato integrabile con i gestionali (ERP) aziendali.**

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**FUNCTIONS SOFTWARE**
- PC Touch interactive: all functions at your fingertips.
- **Graphical interface icons, innovative and intuitive**
- **Program length and number of plies, working speed, return to empty, acceleration and deceleration, without using pliers**
- **Program test heads at start and end mattress**
- **Program type of spreading: “half sheet” zig-zag, zig-zag cut and face to face**
- **Program the entire work order multi-size and multi-colour, manual (pc touch) or automatic (wireless with Cut Order Planning)**
- **Possibility of automatically spreading any type of lay: flat, regular step and irregular step**
- **Visualization number of plies and meters spread**
- **Possibility of assistance and software upgrade on line**
- **Feedback of spreading reports (consumption and times), in a format that can be integrated with the business’ ERP.**

**SOFTWARE FEATURES**
- On-board pc touch to control all working functions
- Innovative and user friendly icons graphic interface
- Possibility to set up: lay length, number of plies, spreading speed, acceleration and deceleration ramps, end-losses, without clamps
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