



FK GROUP SPA

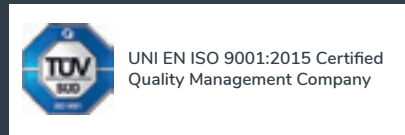
Via Friuli, 21
24044 Dalmine (BG) - Italy
Tel. +39 035 565633

Sales Dept.

commercial@fkgroup.com
Tel. +39 035 565633
Fax +39 035 564445

Customer Service

customer.service@fkgroup.com
Tel. +39 035 566647
Fax +39 035 564445



www.fkgroup.com
fkgroup@fkgroup.com

04/2020



Medical Supply Segment
"GALENO" SERIES



Cutting System “Galeno”

Automatic conveyor cutting system offering the possibility of **6cm cutting head suitable for cutting hospital textiles, TNT nonwovens** and any other type of production. The Galeno series capable of accelerating working cycles through both speed and productivity, applying a mix of technical characteristics and innovative materials enabling to reach cutting performances never achieved before.

- **JUST CUT:** the simple and intuitive Software makes all cutting parameters setting fast and safe;
- **Eco Power** vacuum system guarantees considerable power saving and a **drastic reduction of CO₂ emissions during the production process as per the TUV MEP certification;**
- Patented high speed sharpening system: longlife sharpeners;
- **Fast Revolution:** allows cutting flexibility for all material types;
- **Mectronics Blade Sense:** automatic knife deflection correction;
- Cooling system or blade **lubrication by means of bleaching and aseptic solutions;**
- Remote technical assistance, also via web, ensuring just in time total and constant support;
- **No Stop Cutting system** involving two alternative methods: Continuous Cutting software to enhance cutting while advancing, Quick Release Vacuum suitable for high ply cutting (optional);
- **ISO 5011 certified dust filtering system.**

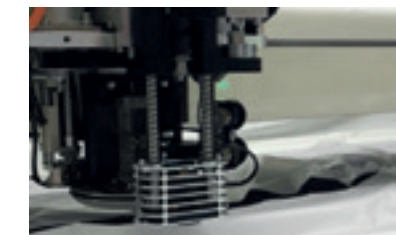
Average power consumption 6.3kW



Industry 4.0
READY

Working Area (cm)	180 x 170	200 x 170	220 x 170	180 x 240	200 x 240	220 x 240
Overall dimensions LxWxH (cm)	470 x 290 x 220	470 x 310 x 220	470 x 330 x 220	592,3 x 290 x 220	592,3 x 310 x 220	592,3 x 330 x 220
Weight (Kg)	2880	2960	3040	3220	3300	3380
Installed Power (kW)	15					
Average Consumption (kW)	5,9	5,9	5,9	6,3	6,3	6,3
Power supply Tension	400V±10%					
Max compressed lay height (cm)	6-8-9					

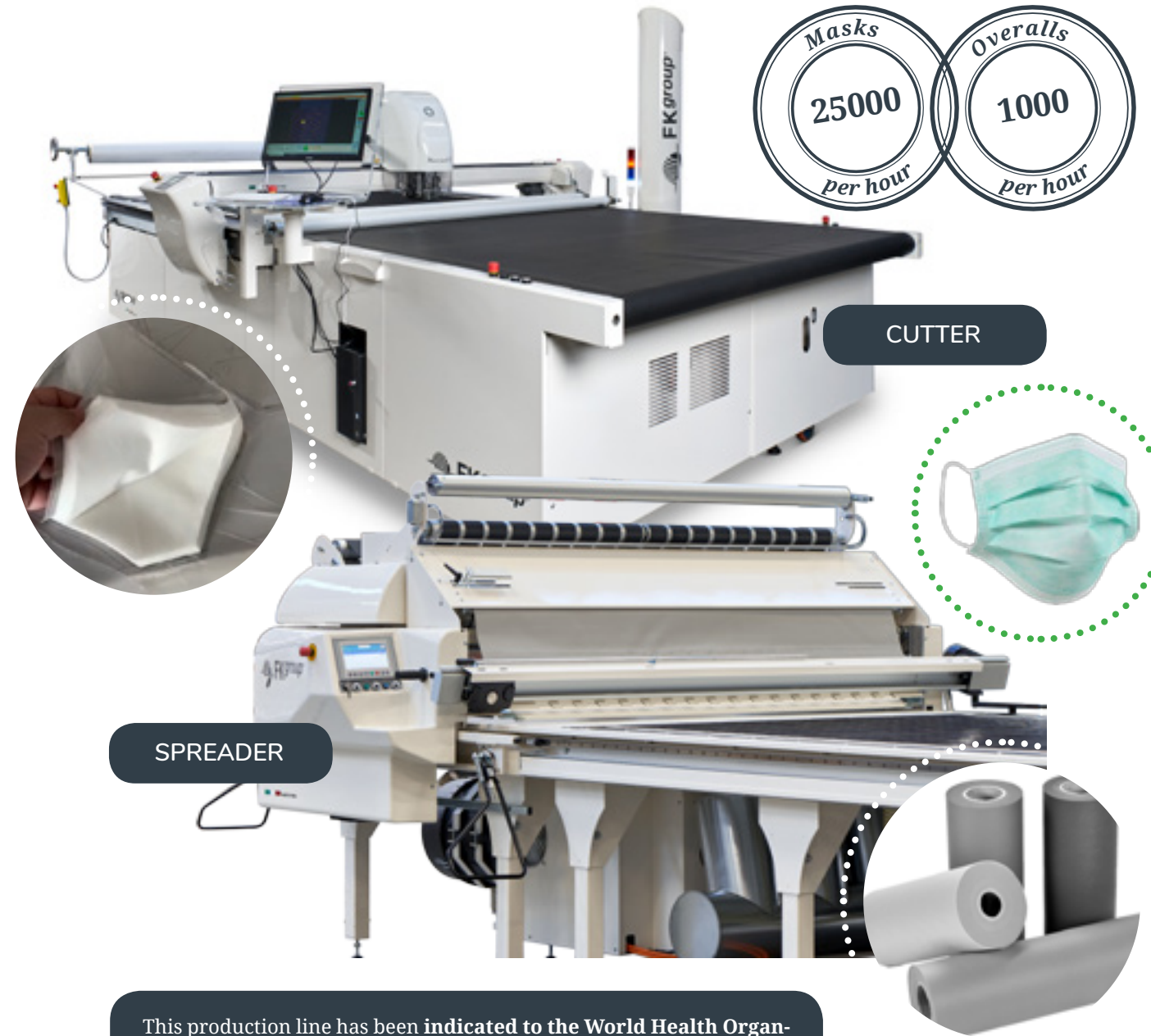
With the aim of improving its machinery FKgroup reserve the right to change the technical characteristics without prior notice.



Drilling device with bit and variable heat control or spinning punches.



Blade cooling or lubrication system according to fabrics.



This production line has been indicated to the World Health Organization as strategic for the production of PPE: the most important details are the use of bleach in the cutting phase, air filtering and CO₂ reduction.



CAD FKAD

Complete suite of software solutions and 64bit technologies, always in evolution, dedicated to the Medical, Fashion, Home Textile, Handbags and Luggage and technical materials industries.

Tool ISO Editor image position, notches, drill holes, lines.

Spreader with Cradle 590 “Galeno”

Automatic spreading machine with unique design cradle feed, with manual operation through “twist and go” handle, and automatic operation with interactive digital control, for straight and reverse rolls. Spreading planning with steps. It is equipped with “tension free” spreading control System for all fabric types: TNT, from lycra to denim, from jersey to technical textiles by specific devices.

- Spreading speed with short acceleration and deceleration digitally adjustable;
- Automatic electronic control of fabric tension;
- Brushless main motors and service motors asynchronous type with variable speed;
- 4 wheel-drive machine;
- Cradle with alternate belts for rolls of Ø 50cm and max weight 70kg, up to 100cm and 200kg of TNT as optional.

Working width (cm)	180	200	220
Overall dimensions LxWxH (cm)	142 x 320 x 120	142 x 340 x 120	142 x 360 x 120
Weight (Kg)	475	480	485
Installed Power (kW)	3	3	3,2
Average Consumption (kW)	1,8	1,8	2
Power supply Tension	400V±10%		
Rolls maximum diameter (cm)	50		
Rolls maximum weight (Kg)	70		
Maximum spreading speed (mt/min)	~100		

Narrower or wider working widths are available subject to technical approval. With the aim of improving its machinery FKgroup reserve the right to change the technical characteristics without prior notice.

More technical info:

- Cutting device with/without catcher and mobile catcher;
- Operator platform;
- Lay's maximum height 18cm (14cm with zig-zag);
- Selvage alignment with infra-red technology;
- Automatic stop of end fabric;
- Partial and total lays counter per colour;
- Lay thickness measured with infra-red technology.

