

## BM 1000 K AUTOMATIC SPRAY PAINTING MACHINE OFFER

SELLER		BUYER	
<b>Company Name</b>	: Karabudak Pazarlama İth. Ve İhr. Tic. Ltd. Şti.	<b>Company Name</b>	: Giorgi Kapanadze
<b>Address</b>	: İnönü Mah. Atatürk Blvr. GEPOSB 1.Cd. No:6 Gebze / Kocaeli / TÜRKİYE	<b>Address</b>	: Tbilisi, Georgia
<b>Offer No</b>	: ES011-24	<b>Tax No</b>	:
<b>Date</b>	: 15.03.2023	<b>Tax Office</b>	:
<b>Representative</b>	: Emre Deringöz	<b>Contact Person</b>	: Giorgi Kapanadze

We remain at your disposal for any information you may need. Looking forward to hearing from you. Yours faithfully.

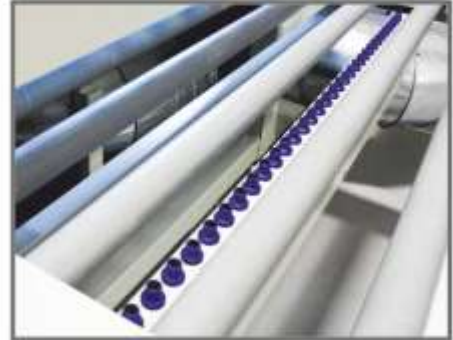
**DESCRIPTION****KR BM 1000 K - AUTOMATIC SPRAYING MACHINE**

KR BM 1000 K is single arm spray machine, suitable for the application of any type of water or solvent-based paint or glue. It is ideal for small to medium sized companies that are looking for flexibility and productivity as well as cost-effective use.

## A- STANDARD FEATURES

### Reading Barrier

Sensor Beam ensures a millimetric precision on determining the the shape and dimensions of the section which will be painted to the machine. It minimises the wastage of paint.



### Spraying Arm

The machine is equipped with 1 central arm. Cycle speed can be adjusted on the touch screen automatically. Maximum speed of the arm is 220 m/min. Gun system of KR BM 1000 is designed for quick and easy replacements.



### Paper Belt System

KR BM 1000 K is equipped with paper belt. The paper belt is completely taut at all times thanks to a vacuum system, which keeps the underside of panels perfectly clean as well as guaranteeing immaculate, uniform application on edge and face. Automatic pay-off and take-up system allows users for quick, convenient replacement.



### Painting System

A high-pressure pump and 4 high-pressure guns are provided as standard in the KR BM 1000 K Automatic Painting Machine.



## A- STANDARD FEATURES

### Overspray Filtration

Overspray is sucked through two-stage dry filters. Large filtering surface area ensures better air distribution, which translates into uniform finishing and a cleaner machine



### Automatic Lubrication System

This system ensures a smooth and long-lasting operation of the reciprocating arms by automatically lubricating the liner bearings and guides.



### Control Panel

All functions can be controlled and all parameters can be saved on the 7" colored touch panel of KR BM Cevval



### Ventilation System

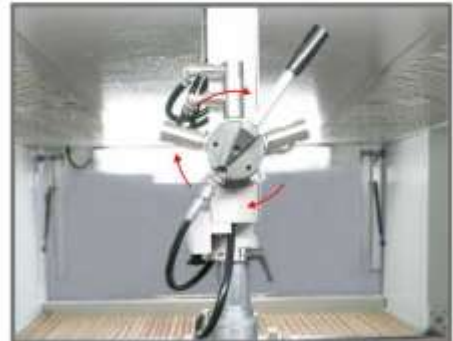
Inverter controlled tubeaxial fans which pump clean air inside the cabin through the F5 filters are located on the top of the machine.



## B- OPTIONAL FEATURES

### Fast Color Change Valve

Four way valve which is specially developed for KR BM 1000 K enables a fast color change between maximum three (3) different colors.



### Extra Color Pump

Extra 1 piece High Pressure Pump



### Extra Set of Nozzles & Filters for the gun

### Exproof Components (Motors & Illumination)

Non-flammable and Exproof lamp, motor etc. will be produced using parts in order to ensure the safety of our machines against fire.



## B- OPTIONAL FEATURES

### IoT

In this system, all kind of data about working and defects on machine is recorded momentarily on the all KAMA machines so that it helps to its user using the gained informations. So you can see momentarily the working status of your machine and get information about the defects experienced. You can check who worked how long and production volume during operation and past reports with details. You can get specific reports when you filter the parameters on data given. Furthermore by setting up the different type of alarms you can perform your work status without problem.



### Remote Technical Support System With Increased Reality

With the Vsight Remote application, which we offer our remote technical service much more quickly and praccally, we greatly prevent the downtime that may occur during the use of our machines. Your machine operator can instantly connect to the technical service officer at the KAMA headquarters with a smartphone, tablet or smart glasses. In this way, the necessary intervention can be made within seconds with voice and video call problem malfunctions, marking and voice commands on live video.



## C- TECHNICAL SPECIFICATIONS

<b>Weight:</b>	4000 kg
<b>Dimensions:</b>	L: 5.700mm W: 5.300mm H: 2.650mm
<b>Electricity consumption:</b>	14 Kw/h
<b>Working Width:</b>	100mm-1300mm
<b>Working Height:</b>	3mm-100mm
<b>Working Length:</b>	300mm-Unlimited
<b>Aspiration Fan Flow Rate:</b>	1200 m <sup>3</sup> /h
<b>Ventilation Fan Flow Rate:</b>	1200 m <sup>3</sup> /h
<b>Air Consumption:</b>	1100 L/min
<b>Air pressure:</b>	7 Bar
<b>Max.Robot Arm Speed:</b>	220 m/min
<b>Max Conveyor Speed:</b>	8 m/min
<b>Optimum Dyeing Speed Range:</b>	3-6 m/min

### Brands of the Parts Used On The Machine

Electrical Parts – Schneider Electric (Germany)

Servo Motor – LS (LG, Korea)

PLC Parts & Electronic Parts - LS (LG, Korea)

Pneumatic Parts – Festo (Germany) , Stnc (Turkey)

Reading Barrier – Data Logic (Italy)

Reductor (Driving Arms) – Varvel (Italy)

Other Reductors – Yilmaz (Turkey)

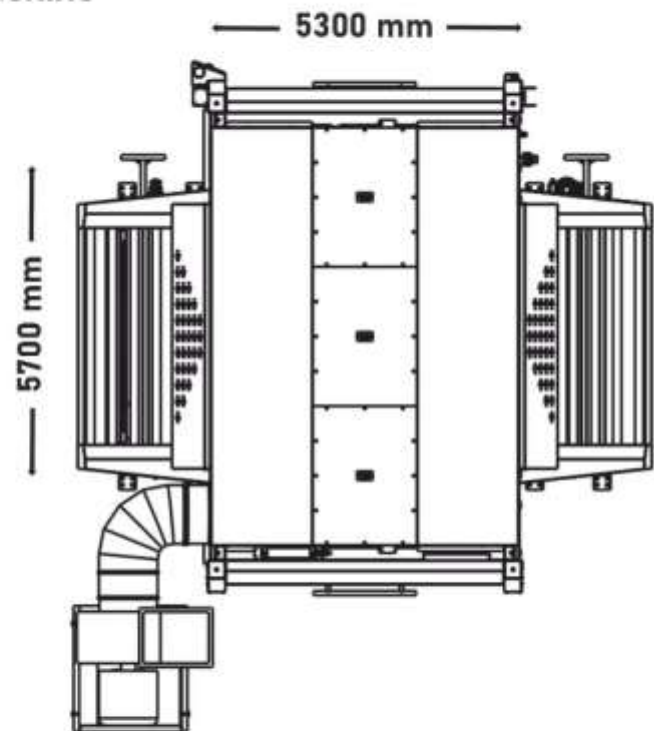
AC Motors – Gamak (Turkey), Volt (Turkey)

### Area of Usage

Doors, door cases, door trims, modular furniture, kitchen & bathroom furniture, flat and carved cabinet doors, glass.

### Painting Materials to be Sprayed

Polyurethane, water based, acrylic, Uv primer & dye and varnishes, glue, water & solvent based ground colorants.



## 1.3 TECHNICAL SPECIFICATION

<b>Weight:</b>	2150 Kg
<b>Dimensions:</b>	L: 3.600 mm, W: 3.500 mm,H: 2.450 mm
<b>Elektric Consumption:</b>	10 Kw/h
<b>Total Pressurized Air Requirement:</b>	7 Bars, 60NL(without guns) 1100 lt/min (with guns)
<b>Aspiration Fan Debt:</b>	12000 m3/h
<b>Max. Product Length:</b>	Unlimited
<b>Max. Product Width:</b>	1300 mm
<b>Max. Product Thickness:</b>	100 mm
<b>Min. Product Length:</b>	300 mm
<b>Min. Product Width:</b>	10 mm
<b>Min. Product Thickness:</b>	1 mm
<b>Max. Robot Arm Speed:</b>	180m/min.
<b>Max. Conveyor Speed:</b>	8 m/min.
<b>Average Optimum Painting Speed:</b>	3-5 m/min.

### Brands of the Parts Used On The Machine

Electrical Parts - Schneider Electric (Germany)  
 Servo Motor - LS (LG, Korea)  
 PLC Parts & Electronic Parts - LS (LG, Korea)  
 Pneumatic Parts - Festo (Germany) , Stnc (Turkey)  
 Reading Barrier - Data Logic (Italy)  
 Reductor (Driving Arms) - Varvel (Italy)  
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## SALES CONDITIONS

No	MODEL	DESCRIPTION	PCS	UNIT PRICE	TOTAL PRICE
1	KR BM 1000 K	SPRAYING MACHINE HS CODE: 84.24.30.10.00.00	1	78.000 €	78.000,00 €
<b>TOTAL PRICE:</b>					78.000,00 €
<b>SPECIAL DISCOUNT:</b>					15.600,00 €
<b>TOTAL EXW PRICE AFTER SPECIAL DISCOUNT:</b>					62.400,00 €

### NOTES

- **This offer is valid in a month.**

- **Payment Term** : 50 % Advance Payment 50% Balance Payment Before Shipment
- **Delivery Time** : Within 90 Days after the receipt of the order confirmation by advance payment.
- **Delivery Term** : Exworks Gebze / Kocaeli / Turkey
- **Installation** : Free of charge. (2 technicians total – installation & commissioning take 3-4 Days) Buyer shall provide 2 way plane ticket, hotel accomodation (min 3 stars) & food allowance for the supplier's technicians & representative during installation, training and commissioning.
- **Warranty** : 1 Year.

### BANK DETAILS

**Bank Name** : Denizbank  
**IBAN** : TR26 0013 4000 0172 0740 8000 11  
**Receiver** : Karabudak Pazarlama İth. Ve İhr. Tic. Ltd. Şti.  
**Tax Office** : İlyasbey  
**Tax No** : 502 053 0577

### Remarks:

Buyer is responsible to arrange the Crane or forklift during the time of delivery.

Buyer should offer 1-2 workers & tools for support equipment during installation.

### CANCELLATION OF THE ORDER:

Orders once placed cannot be cancelled under any circumstance. The company shall not be liable for loss, damage, detention or delay by force majeure conditions such as fire, strike, war, riots, or other natural calamities and any other circumstances beyond our control. The guarantee does not cover accidental damage during transit or storage.