

QUOTATION

MACHINE TYPE AND TECHNICAL FEATURES

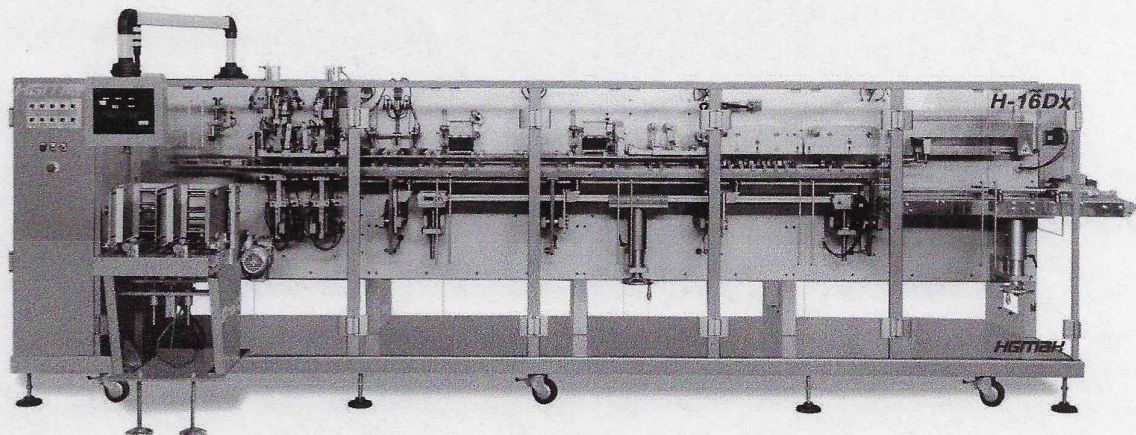
Model: HGMAK H 16 DUPLEX Pre-made Pouch Packaging Machine

General Description Of The Machine: The automatic packing machine H 16 DX can operate on a variety of bag styles, including 3 or 4 sided seal pillow pouches, stand up bags, gusseted pouches.

Your Suitable Machine and Technical Features:

1.H 16 DX Horizontal Packaging Machine H 16 DX series is designed for automatically opening, filling and sealing pre-made pouches.

It is designed to fill two bags in one time.



1.1 H 16 DX Main Machine Systems:

- Pouch picking (2 bags in one time)
- Movable Pouch Magazine (Optional)
- Full servo system (11 Servo Motors)
- Needn't stop machine when supply pouches
- Servo pouch advance system
- Can fill 2 products simultaneously
- Easy change over from product to product
- Pouch opening system with vacuum
- No bag-no fill sensor
- Zipper opening system (Optional)
- Stainless steel machine body (AISI-304)
- Pouch stretching before sealing (Servo Control)
- Hot sealing and cold sealing unit
- LCD touch control operating system
- Product output conveyor
- Accordance with CE standards

1.2 The Equipments

PLC System: OMRON

Servo Motors: OMRON

Sensors: Sick , Telemecanique

Electronic Equipments: Siemens, Schneider

Connectors: Weidmüller

Pneumatic Equipments: Festo

1.3 Machine Capacity

Operational machine speed: max.75 bags / min

Required Personel: 1 Operator

1.4 Technicial Specifications

Power Requirement:6 KW

Voltage: 380 V (3 phase)

Pressure Range: 6 - 8 bar

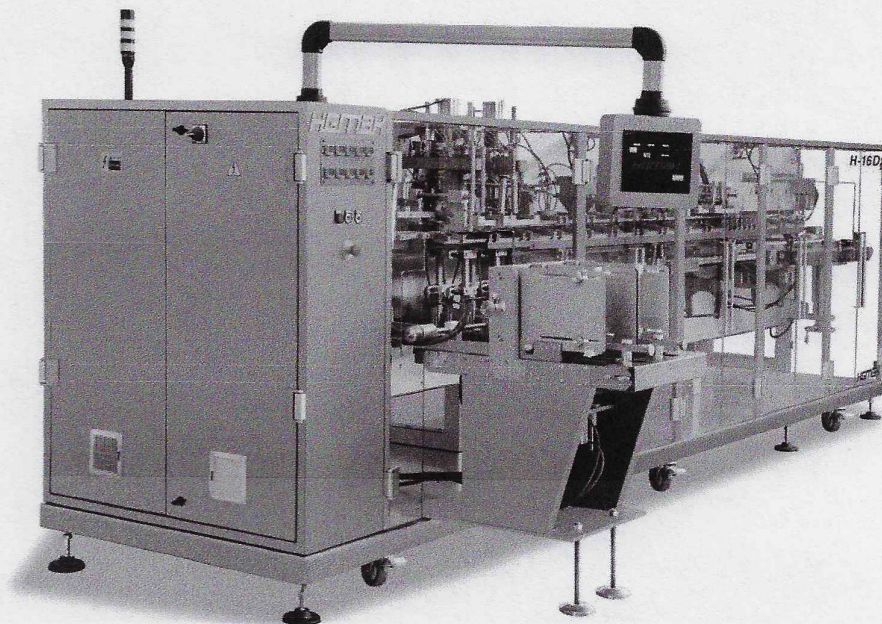
Air Consumption: 0.4 - 0.6 m3 / min

Machine Net Weight: 2900 kg

1.5 Package Types

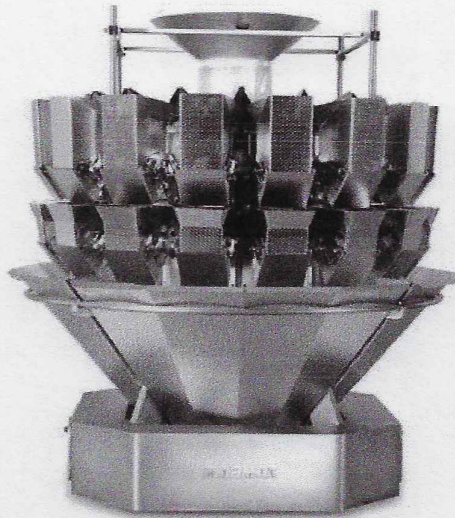
Package (Width x Hight) **Min : 120 x 120 mm**

Max: 240 x 320 mm



MARMAK VM-20 MULTIHEAD WEIGHER :

Marmak VM series are designed for accurate weighing for granular products . Marmak customizes weighers depend on product type . VM series has a type approval from NMI Holland and also has OIML R61 certificate.



General Specifications:

- Suitable S/S construction for material touching parts.
 - Stainless steel frame
 - Aluminum block frame plating by anodized
 - Electronic boards and control system mounted in a separate panel
 - Special cables suitable for wet environment
 - Control system by PLC
 - Colored, touch screen 10 inch
 - High accuracy matching "e" standards. Average $\pm 1 \text{ g.} / 1000 \text{ g.}$
- Stepper motor controlled cup opening system.
 - Weighing range from 20 g. - 1000 g.
 - Tare zeroing after desired number of weighings
 - Statistical calculation incl. standard deviation of the last 100 weighings
 - Real time clock Pre set programs
 - DC vibration control
 - Counting mode - Piece wise working
 - Independent control of weighing buckets allow running in case of problem with any buckets
 - Regarding specific parameters automatic feedback for product adjusting with the help of automatic feeder control (A.F.C.)
 - Multiple discharge, sequential discharge options, multiple products in single weigher
 - Interfaces with F.F.S., bagger, tray packers, etc.
 - Time hopper system
 - Easy product change
 - Better power failure response
 - Easy access to all parts for cleaning

- Higher stability that minimizes the expenses of shutdown
- Self diagnostic
- Statistical report

- 20 program memory
- Multi language support
- OIML R61 certificate
- Type approval

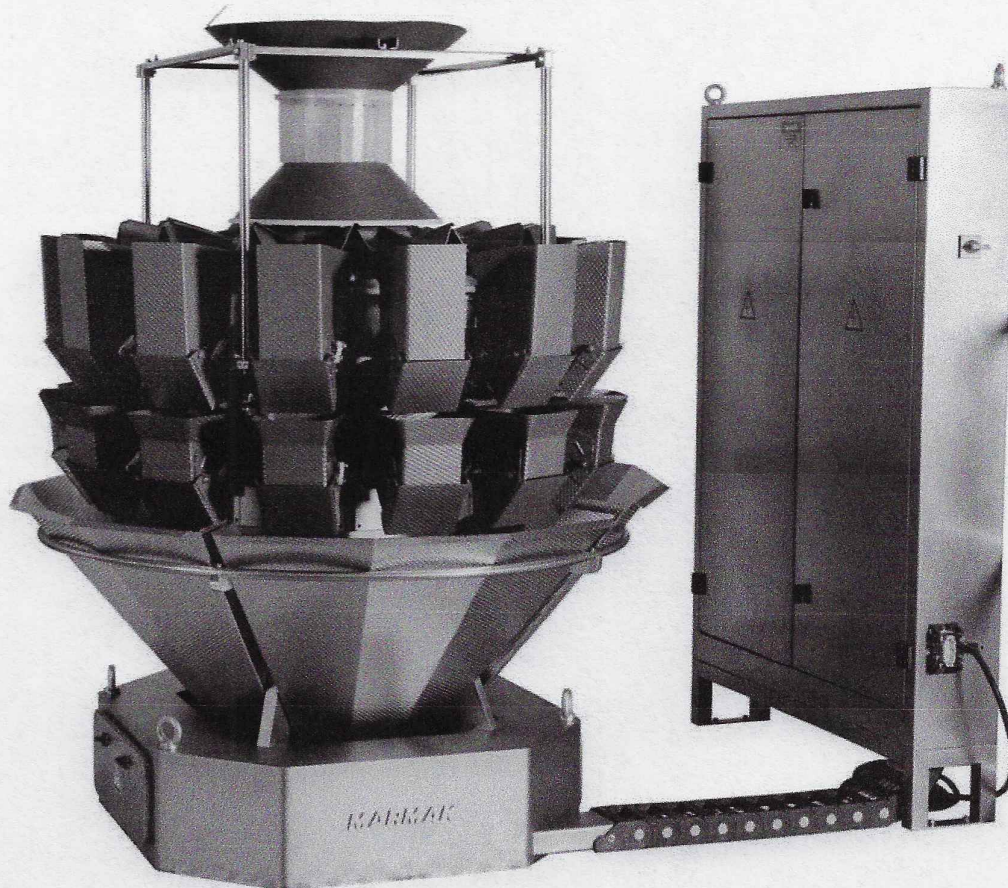
Our VM series of Multihead weighers are well studied and carefully

designed to give a precise weight in the fastest possible time

Making in consideration the nature of the product and its diversity.

Vm Series can be applied on vertical and horizontal forms of seal and fill machines.

MODEL	VM -10	VM -14	VM -16	VM -20
Weighing Heads	10	14	16	20
Weighing Capacity	3000g	3000g	3000g	3000g
Weighing Resolution	0,1g	0,1g	0,1g	0,1g
Speed	60/min	100/min	150/min	180/min
Power Supply	220VAC 50Hz 1kVA	220VAC 50Hz 1kVA	220VAC 50Hz 1kVA	220VAC 50Hz 1kVA



Technical Specifications:

.	PLC	-	Panasonic cpu	
			16 bit analog converter	
.	Touch screen	-	Easyview MT6100ih	
			10 inch , 65.536 colored touch screen	
.	Loadcell	-	Zemic 10 kg	
.	Stepper motor	-	SSA motor	
.	Vibrator Coil	-	Gündüz trafo	
.	Loadcell amplifier	-	Marmak_LC	
.	Vibrator control card	-	Marmak VIB	
.	Stepper motor card	-	Marmak VMTSTP	
.	Power supply	-	Meanwell NES 350-15	Meanwell DR 75-24
.	220-110 AC trafo	-	Tormak	

H-16 DX PRE-MADE POUCH PACKAGING MACHINE (STAINLESS STEEL BODY- FULL SERVO MOTION)	1 PIECE	95.000 EURO
ZIPPER OPENING DEVICE	2 PIECES	5.000 EURO
GAS FLUSHING	2 PIECES	3.000 EURO
STAINLESS STEEL PLATFORM	1 PIECE	9.000 EURO
MARMAK 20 HEAD MULTIHEAD WEIGHER (with two line feeding system)	1 PIECE	32.000 EURO
WASHABLE FEEDING ELEVATOR WITH HOPPER	1 PIECE	15.000 EURO
TOTAL P		
SPECIAL PRICE FOR		

Optional Equipments:

SAFELINE R-Profile Advantage LS Metal Detectör with conveyor	1 PIECE	27.500 EURO
MARMAK CHECKWEIGHER	1 PIECE	11.000 EURO
VIDEOJET INKJET PRINTER	1 PIECE	7.500 EURO

TERMS OF PAYMENT AND PRACTICES:

Payment : % 50 Down Payment with the order, % 50 prior to delivery when the machines ready.

Delivery : About 4 months from receipt of needed samples and technical data. Exact delivery time will be indicated at the confirmation time according to the load of work at that time. Transport is belongs to customer.F.O.B. However, it cannot be held responsible for non-fulfillment, delay or non-delivery caused out of it's control (Such as: Strikes, force majeure, weather conditions or by chance). Any delays in payment of advances/down payments may justify corresponding delays in the time of the delivery.

Warranty : Against the manufacture faults. one year on HGMAK starting from invoice date.

Training : Will be given by our technicians during installation

Installation:

Will be made by our 2 technician. Buyer should prepare the machine place , forklift to remove the machine and the needed connection such as air , electricity .

Service : Will be given by our technician. All costs flight , accomondation , meal belongs to customer. Service charge is 300 Euro/ day.

Validity : 2 Weeks from the date of this offer

Documentation : Operating manual including Electrical / Mechanical drawings and spare part identifying lists.

Packing : Machine on pallet F.O.C.

Legal status : In any legal situation izmir courts will be authorized. This offer will be active & valid with the receipt of % 50 D/P. Our liabilities never exceeds the manufacturing defects corrections etc. Which means we will not accept any manufacturing losses, loss of time etc.costs Which may be asked by customer.Our obligations never exceeds in any case the whole sale price of supplied system.

Installation (electric-Air-Forklift) connections are the responsibility of the customer.