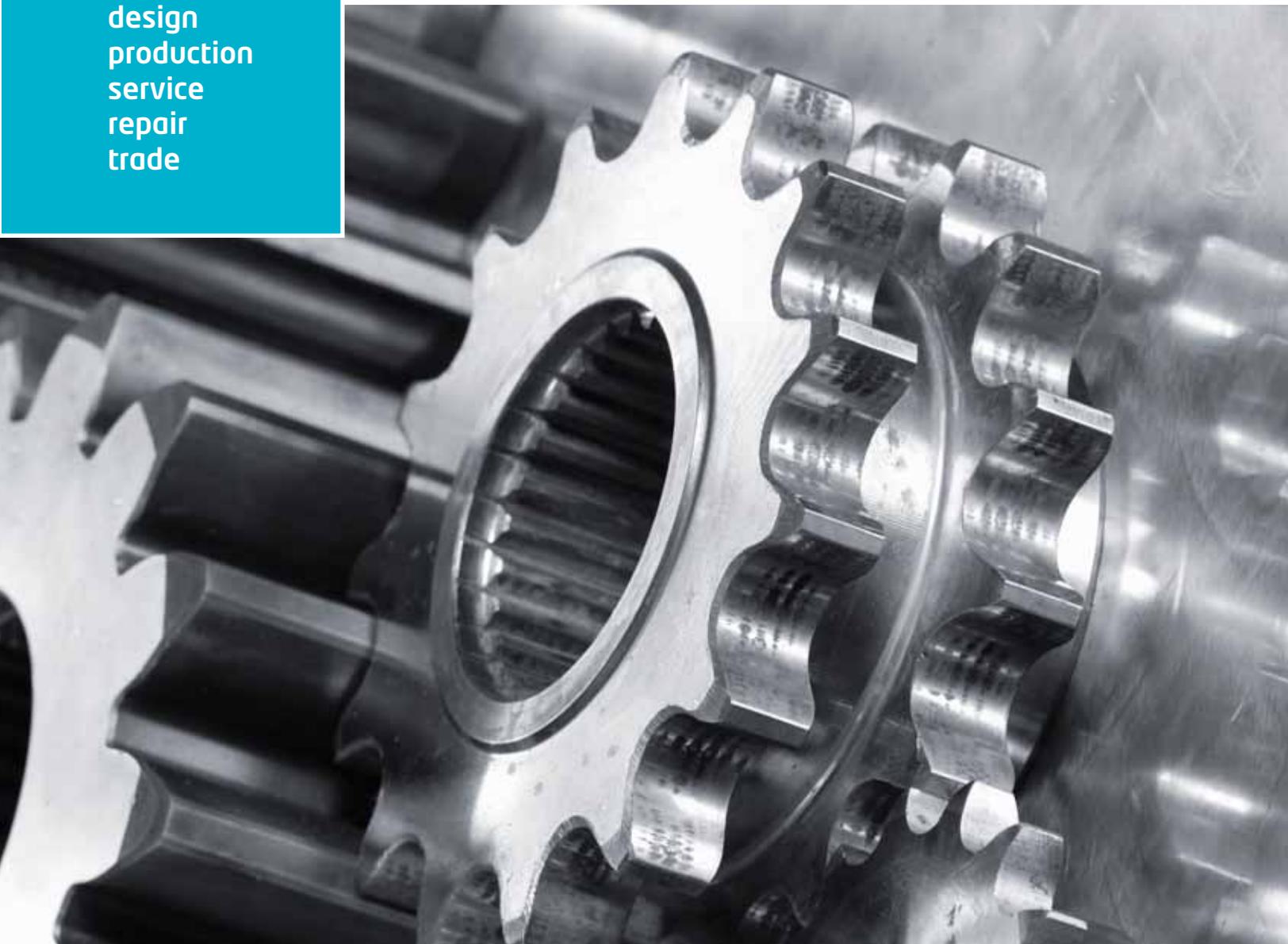


Product Catalog

design
production
service
repair
trade





12 Countries of activities

3 Continents

MACHINEHEAD Ltd. has activities on the international markets and has partners all over the world:

- **Europe** — Bulgaria, United Kingdom, Romania, Turkey, Serbia, Bosna and Herzegovina, Macedonia, Lithuania
- **South America** — Brasil, Peru
- **Asia** — India, China

MACHINEHEAD Ltd. is taking part regularly in some of the biggest exhibitions in the world for machines for furniture industry.



AUTOMATIC MATTRESS PACKING AND COMPRESSING LINE



Designed,
developed and
made in Bulgaria



The complete line includes six linked modules for wrapping, compressing, and rolling of mattresses controlled by Touch screen monitor. The whole process can be operated automatically only by one person, with no additional manual labor. The complete line provides manufacturer with extra flexibility due to possibility to decide and change type of packaging during the process. The six modules are described as follows: Buffer; Wrapping Machine; Compressing Machine; Distribution Line; Roll-Packing Machine; Palletizing Machine. Each of the modules can operate as a separate unit or as a link in technological line.

AUTOMATIC MATTRESS PACKING AND COMPRESSING LINE

TECHNICAL PARAMETERS



Electric plan No:	NA
Main voltage:	380 V
Main voltage frequency:	50 Hz
Total power:	22.72 kW
Environment temperature:	0 – 40° C
Air supply:	6 bar
Noise emission:	NA
Line dimensions:	See dimensions of the separate lines

MACHINEHEAD is Bulgarian machine-building company specialized in design, manufacture, maintenance and after-sale service of machines for mattresses — conveyors, roll-pack, wrapping and compressing machine, buffer. All electronic designs are automatic, managed by means of touch screen and labour-saving, offering clever decisions for the industry. As an additional service, installation and training is provided for the operators to ensure proper maintenance and exploitation.

The general policy of **MACHINEHEAD** is to offer high quality products and services which respond to the specific needs and requirements of the business customers. The company supplies to furniture producers, especially in bedding industry, and manages individual projects. Innovation and professional attitude help receive excellent results.

In 2010 **MACHINEHEAD** has established a quality management system in accordance with the requirements of the international standard **BS EN ISO 9001:2015**.

Company services include repair, maintenance and upgrade of machines and equipment for furniture manufacture, as follows:

- Regular facility and installation check-up and maintainance to ensure correct processing;
- Instalation parameters and tolerance set up;
- Total technical service including general repair;
- Technical consulting on machines, equipment and installations.

We aim at complete customer satisfaction in respect to high quality product at reasonable price, with expert technical support and after-sale service.



■ Designed,
■ developed and
■ made in Bulgaria





24
units



BUFFER MH-B101

*Buffer **MH-B101** operates as very convenient link between the production and the packaging line. The main function of the equipment is storage of finished mattresses (up to 24 single or 12 double units). It saves time by constantly feeding units even if the production rhythm is delayed or not synchronized. The machine is capable of storing different types of mattresses, with varied dimensions, up to 2 000 x 2 000 x 300 mm. **MH-B101** operator needs a very short training period. The machine is user-friendly, easy to operate and maintain. It possesses CE-Conform certificate.*



24
units



BUFFER MH-B101

TECHNICAL PARAMETERS

Main voltage:	380 V
Main voltage frequency:	50 Hz
Total power:	1,87 kW
Environment temperature:	0 – 40° C
Air supply:	NO
Dimensions LWH:	2 500 x 2 460 x 4 500 mm



Fully automatic WRAPPING MACHINE MH-W102

*The wrapping machine **MH-W102** is innovative and especially developed for mattress packaging. The whole process is fully automatic and controlled by touch screen. The machine carries out the complete process: feeding, processing to delivering the ready packed mattress units. The perfect welding of the plastic ensures safe storage and transportation. The machine is adjustable to various dimensions up to 2 000 x 2 000 x 350 mm and any kind of mattresses: bonnell or pocket innersprings, foam, latex or visco elastic. Its compact size and automatic features turns the machine into real space-saver, extremely fast and easy to operate after short training period. **MH-W102** possesses CE-Conform certificate.*



WRAPPING MACHINE MH-W102

TECHNICAL PARAMETERS

Capacity:	3 units / minute
Main voltage:	380 V
Main voltage frequency:	50 Hz
Total power:	5.5 kW
Environment temperature:	0 – 40° C
Air supply:	6 bar
Dimensions LWH:	3 640 x 3 200 x 2 350 mm



COMPRESSING MACHINE MH-C103

The **MH-C103** is designed for compressing mattresses. By compressing you save space during storage as well as transportation costs. The new advanced platform compresses the products in high speed. **MH-C103** is capable of processing any kind of mattresses, made of bonnell or pocket spring unit, foam, latex or viscoelastic, with various dimensions, up to 2 000 x 2 000 x 350 mm. The machine is user-friendly, easy to operate and maintain. It possesses CE-Conform certificate.



COMPRESSING MACHINE MH-C103

TECHNICAL PARAMETERS

Capacity:	3 units / minute
Main voltage:	380 V
Main voltage frequency:	50 Hz
Total power:	6.5 kW
Environment temperature:	0 – 40° C
Air supply:	6 bar
Dimensions LWH:	2 880 x 2 960 x 2 000 mm



DISTRIBUTION LINE MH-D104

Distribution line **MH-D104** defines the direction of mattresses during production and packaging process, according to operator's task. It has three directions of movement. The machine can be used as a module in the whole packaging line, including wrapping and roll-packing machine. **MH-D104** is fully automated and possesses CE-Conform certificate.



DISTRIBUTION LINE MH-D104

TECHNICAL PARAMETERS

Main voltage:	380 V
Main voltage frequency:	50 Hz
Total power:	1.0 kW
Environment temperature:	0 – 40° C
Air supply:	6 bar
Dimensions LWH:	2 485 x 2 420 x 920 mm



ROLL-PACKING MACHINE MH-R105

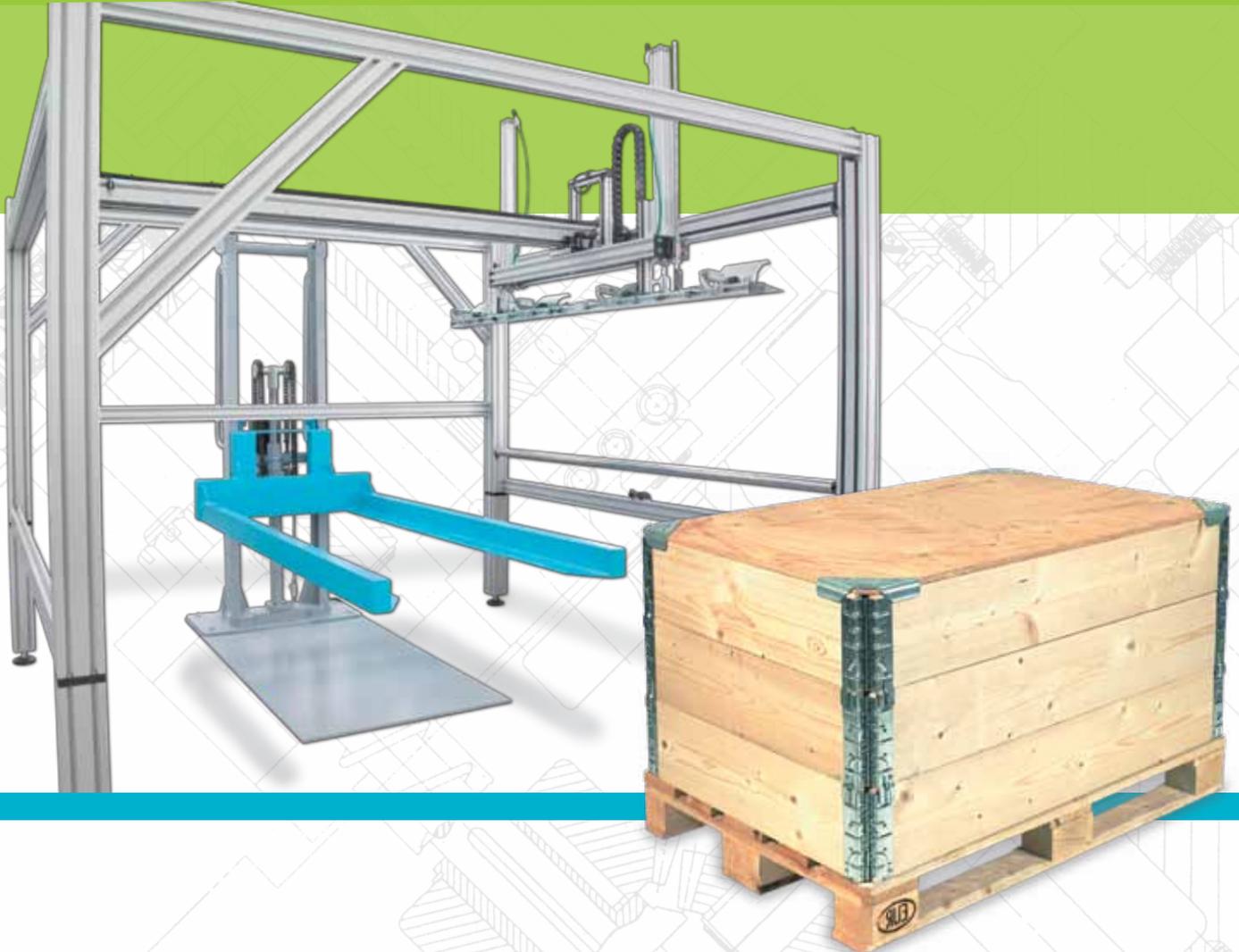
The Roll-Packing machine **MH-R105** provides mattress manufacturers with a cost-efficient means for packaging by reducing mattress volume resulting in lowering transport and storage expenses. The volume reduction is 6 times in comparison with flat packed mattresses. The diameter of the roll is adjustable as per customer preferences (example ranges: 260-320 mm; 280-340 mm; 300-360 mm). **MH-R105** requires a single operator, who can operate the machine after very short training period. The machine is designed to roll-pack a variety of mattresses made of bonnell or pocket spring units, foam, latex, visco elastic, with various dimensions, ranging up to 2 000 x 2 000 x 280 mm. **MH-R105** is fully automatic and possesses CE-Conform certificate.



ROLL-PACKING MACHINE MH-R105

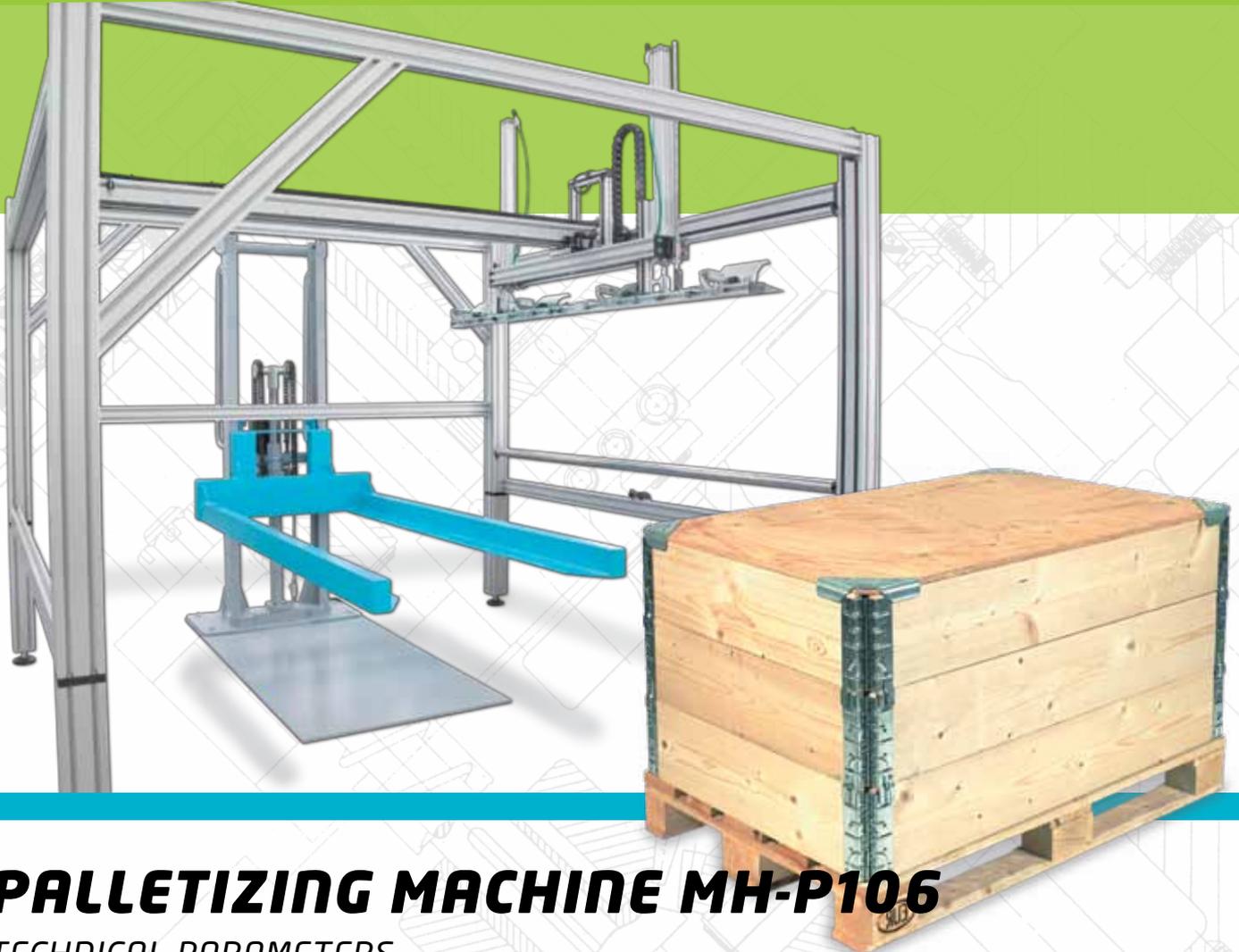
TECHNICAL PARAMETERS

Capacity:	3 units / minute
<i>Main voltage:</i>	380 V
<i>Main voltage frequency:</i>	50 Hz
<i>Total power:</i>	5.0 kW
<i>Environment temperature:</i>	0 – 40° C
<i>Air supply:</i>	6 bar
<i>Dimensions LWH:</i>	1 670 x 1 100 x 2 960 mm



Automatic
PALLETIZING MACHINE MH-P106

*The innovative palletizing machine **MH-P106** automatically places the mattresses after compression on a pallet. Its single function is fast palletizing of finished and compressed products, no further labour needed. **MH-P106** possesses CE-Conform certificate.*



PALLETIZING MACHINE MH-P106

TECHNICAL PARAMETERS

Capacity:	4 units / minute
Main voltage:	380 V
Main voltage frequency:	50 Hz
Total power:	1.0 kW
Environment temperature:	0 – 40° C
Air supply:	6 bar
Dimensions LWH:	2 740 x 2 400 x 2 180 mm



PRESS FOR PILLOWS

The machine is used for reducing the volume of finished product to save space during storage and transportation. It is easy to operate. It could be used for compressing not only pillows but also cushions.

Power supply:	1-phase
Total power:	1,00 kW
Air pressure:	6 bar
Productivity:	2880 pcs/shift

ROLL-PACKING MACHINE FOR PILLOWS

The machine is used for rolling of pillows and cushions to save space during storage and transportation. It is easy for operating and needs only one operator.

Power supply:	3-phase, 380V, 50Hz
Total power:	0,75 kW
Air pressure:	6 bar
Productivity:	6 pcs/min



SEMI-AUTOMATIC PACKING MACHINE

The machine is used for wrapping small series of mattresses (until 180-200 mattresses per shift). It is easy and comfortable for operating, with compact sizes and could pack different size and type of mattresses.

This machine has 2 wires (upper and lower) and temperature regulator. It automatically stops when reaches the set temperature. The device is operated with pedal.

Machine weight:	100 kg
Productivity:	180-200 mattresses/shift
Total power:	2 kW
Machine dimensions (L x W x H):	2500x2500x1200 mm
Air pressure:	6 bar
Power supply:	1-phase, 220V, 50Hz



SPRING BENDING MACHINE

The machine is used for bending of steel frame which surrounds and strengthens spring cores (pocket or bonnell). It can work with round and flat frame.

The machine uses previously straightened steel frames with specifically chosen length.

Machine dimensions (L x W x H):	700 x 500 x 950 mm
Working area:	6000 x 2500 mm
Machine weight:	160 kg
Air pressure:	6 bar



SPRING STRAIGHTENING MACHINE

The machine is used for straightening of steel wire which surrounds and strengthens spring cores (pocket or bonnell). It can work with round and flat frame.

The machine is automatic. One operator can work and follow the process of performance.

<i>Working area:</i>	8000 mm x 1000 mm
<i>Machine weight:</i>	260 kg
<i>Total power:</i>	1,5 KW
<i>Power supply:</i>	3-phase, 380V, 50Hz
<i>Air pressure:</i>	6 bar



FILLING MACHINE FOR MATTRESSES

The machine is suitable for foam mattress with or without spring core, latex mattress with or without spring core's covering. It makes the mattress covering easier and more efficient. Min dimensions: 70 x 170 x 10 cm. Max dimensions: 160 x 210 x 30 cm

<i>Dimensions of the machine:</i>	320 x 220 x 130 cm (L x W x H)
<i>Productivity:</i>	up to 210 mattresses/ shift
<i>Total power:</i>	4 kW



COMPRESSING AND ROLL-PACKING MACHINE FOR MATTRESSES

The machine is used for compressing and roll-packing of mattresses in order to save space during storage and transportation.

It can compress and roll different size and type of mattresses depending on the material: bonnell, pocket springs, foam, HR, latex, etc.

This machine is with automatic features – it is operated with touch screen monitor and by one operator.

Power supply:	3-phase, 380V, 50Hz
Total power:	8 kW
Air pressure:	6 bar

Quality management systems



MACHINEHEAD Ltd. has certificate for quality **ISO 9001:2015** which proves that the company works according to established standards.



CE marking in compliance with **EU Directive 2006/42/EC**



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■ made in Bulgaria

