



NOVUS GROUP MACHINERY

PRODUCT CATALOGUE

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📷 NOVUS_MACHINE

📍 SERHAT, 1462. SK. NO:24, 06374

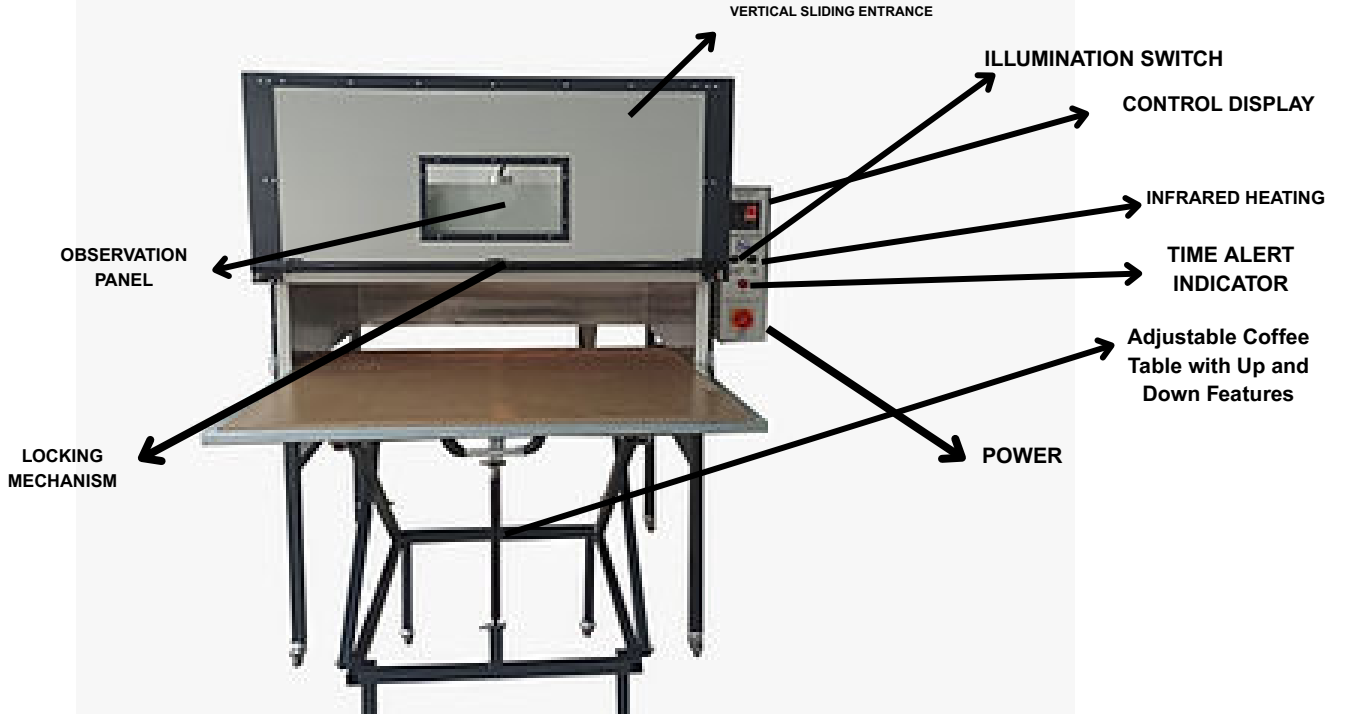
📍 IVEDIK ORGANIZED INDUSTRIAL ZONE,
YENIMAHALLE, ANKARA



INFRARED COOKER

The six infrared quartz tubes feature individual reflectors that guarantee uniform heating of the thermoplastic material.

The temperature range can be modified from 30 degrees to 250 degrees.



This facilitates the shaping and bending of the material around edges and undercuts.

The opto-electronic sensor continuously monitors the surface temperature, thereby preventing overheating.

Vertically opening sliding door featuring PID control for effortless temperature regulation.

The table is capable of vertical movement facilitated by a shock absorber. The heating surfaces are coated with an air-permeable Teflon layer.

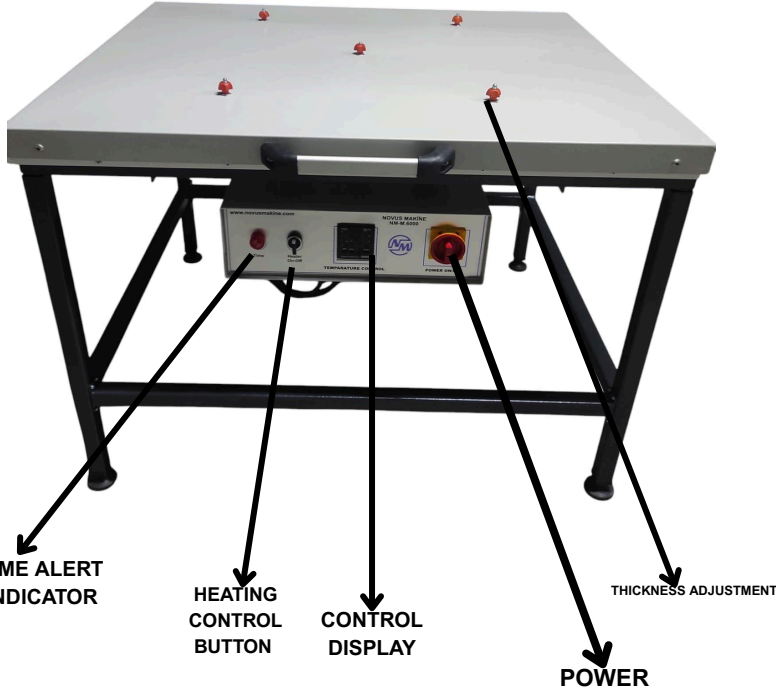
Boyut: Dış Taraf X.1600—Y.1200—H.1600 mm
Boyut: Üst kapak Açık X.1600—Y.2100—H.2300 mm
Boyut: Isıtıcı Alanı L.1180—Y.980 mm
Güç kaynağı 2200 Volt 50-60 Hz-380 Volt 50-60 Hz
Güç kablosu 5x4-3 metre
Isıtma 1.000x6: 6.000 Watt
Sıcaklık Kontrolü Dijital Kontrol 260 ° C
Üst ve Alt Yüzey Teflon Yanmaz Kumaş 0,25 mm
Aydınlatma 2x35 Watt
Gözlem Penceresi 400x200 mm
Renk Ral 7035 ve 7016 Ağırlık Net Kutulu
Boyut ve Toplam Ağırlık X.1700- Y.1300- H.1700 mm

OVEN PRESS



Features

- Press Oven for Prosthetic and Orthotic Uses
- Touchscreen control panel
- PID regulation
- Heating system capable of reaching 250 degrees.



ÜRÜN KODU: NM-M.6000

GÜÇ: 220V/50Hz 721 Amp

TOPLAM KAPASİTE: 1500 X 4: 6000 Watt

ÖLÇÜLER: W 1200mm, D 900mm, H 1000mm

AĞIRLIK: 110 Kg

CABINET OVEN

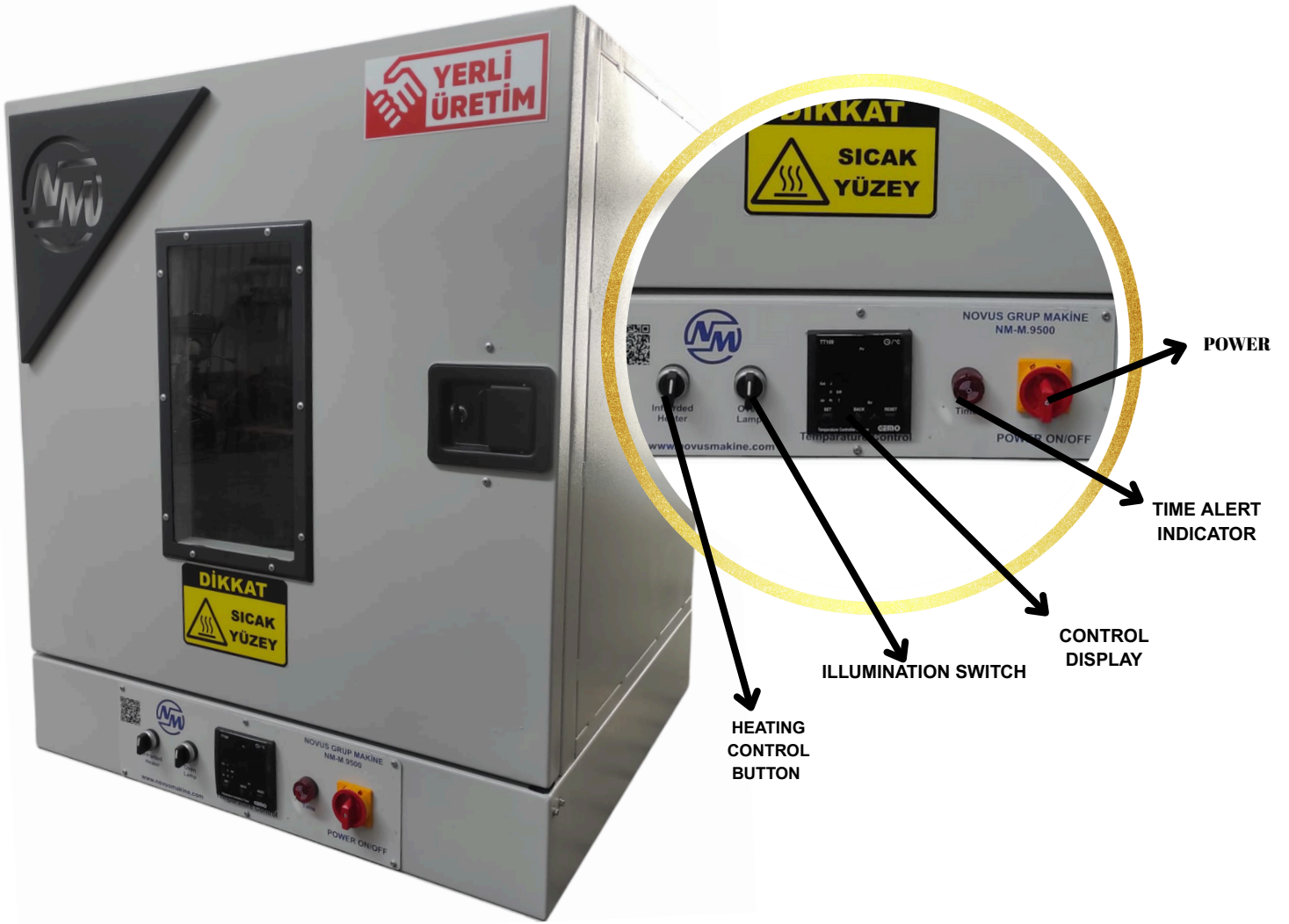
Isıtıcı alanın içi: W.700—D.600—H.700 mm

Güç kaynağı: 220 Volt 50 Hz

Isıtma 1.000x4: 4.000 Watt

İşlem Tamamlandı Ses ve kırmızı uyarı lambası

Aydınlatma 2x35 Watt



WATER BATH

The water baths offer superior temperature accuracy and distribution relative to other devices in this category, featuring programmable microprocessor control systems and triple-layer insulation concealed beneath their unassuming exterior design.

Technical Specifications

KAPASİTE: 6 Litre - 12 Litre - 30 Litre

SICAKLIK ARALIĞI: RT +5 ~ 100 ° C

İÇ BOYUTLAR (YXBXE) 200X240X140 - 290X600X340 - 260X800X410 mm

DIŞ BOYUTLAR (YXBXE) 260X540X240 - 290X600X340 - 260X800X410 mm



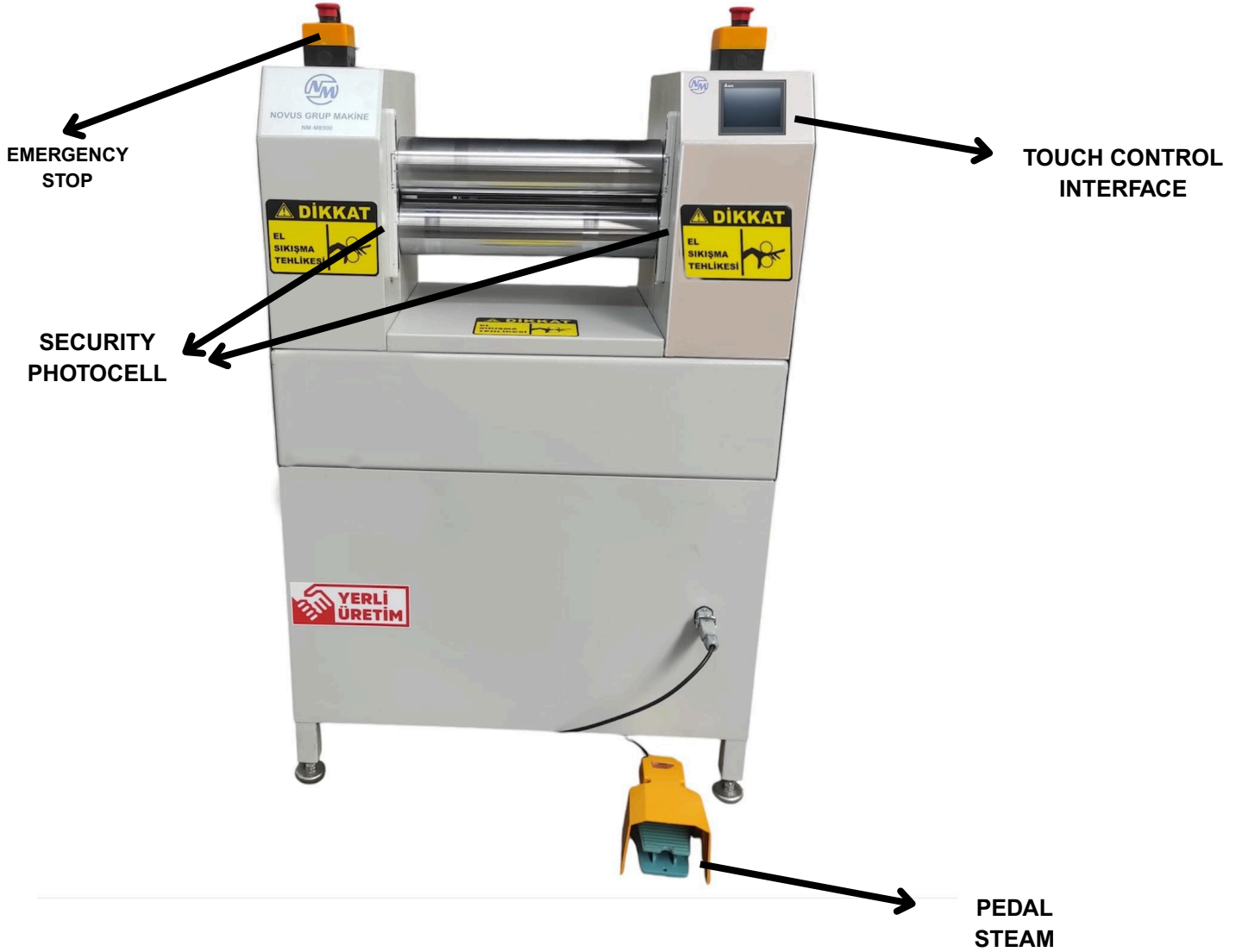
VACUUM PRESSURE

Kod	NM-M-1900
Boyut	Genişlik 62 cm Uzunluk 68 cm Yükseklik 14 cm
Kapasite	3 m3 /200 mbar
Vakum	Vakum Açık-Kapalı
Malzeme	Silikon Mebran



NM-M8500 SILICONE BLENDING MACHINE

- Cylinder Ø200 x 750 mm
- Cylinder clearance 0 to 20 mm
- Touchscreen control
- Cylinder clearance regulation via digital display
- Digital display management of cylinder reverse and forward rotation
- Digital display for cylinder rotation speed adjustment.
- Selection of cylinder rotation number via digital display
- Foot pedal cylinder rotational control
- A minimum of two emergency stop buttons for safety considerations.
- Safety photocell



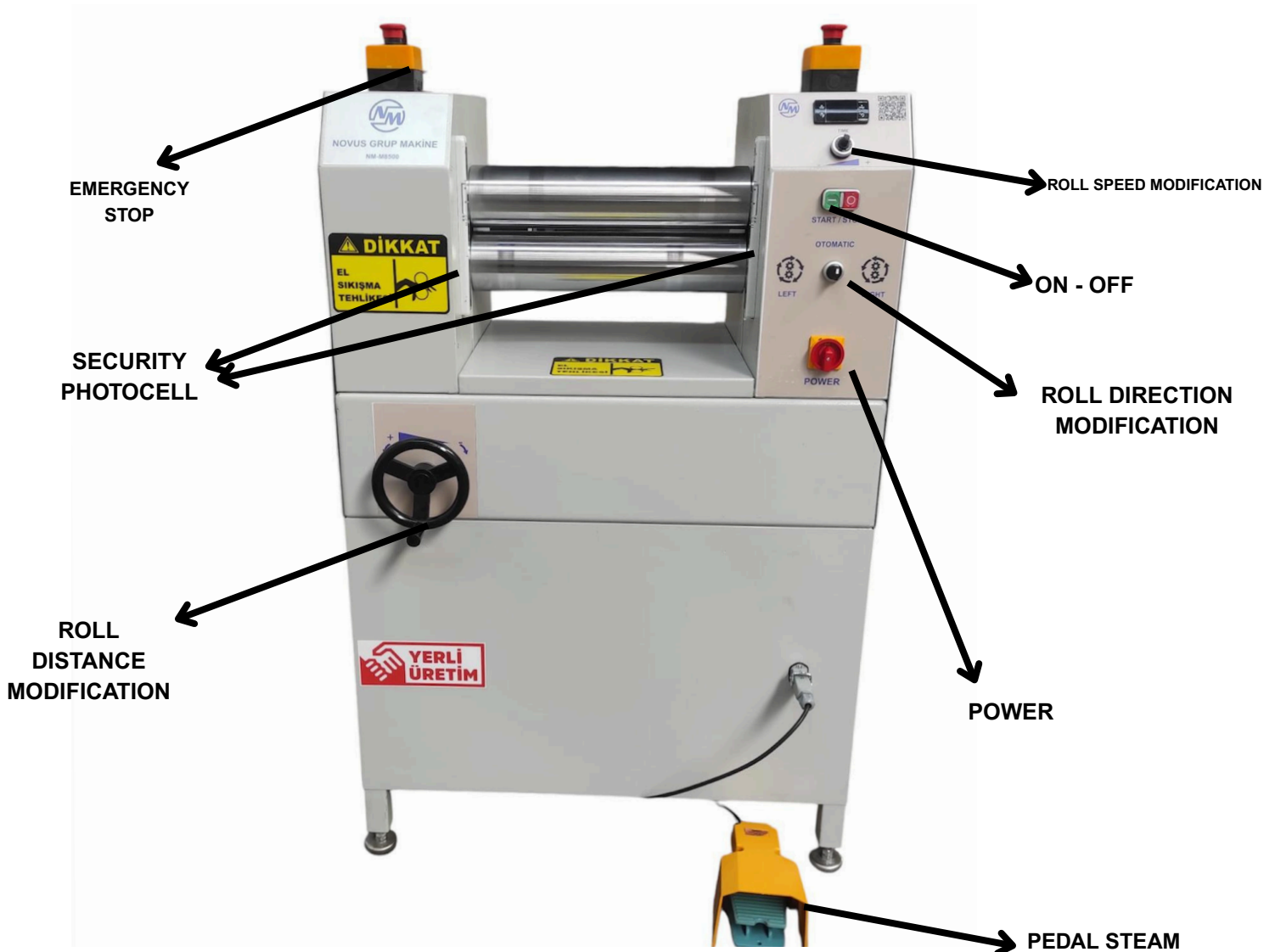
NM-M8600 SILICONE BLENDING MACHINE

- Cylinder Ø200 x 750 mm
- Cylinder clearance 0 to 20 mm
- rotating the rolls with a mechanical arm
- Modifying the spacing between the rolls using a mechanical arm



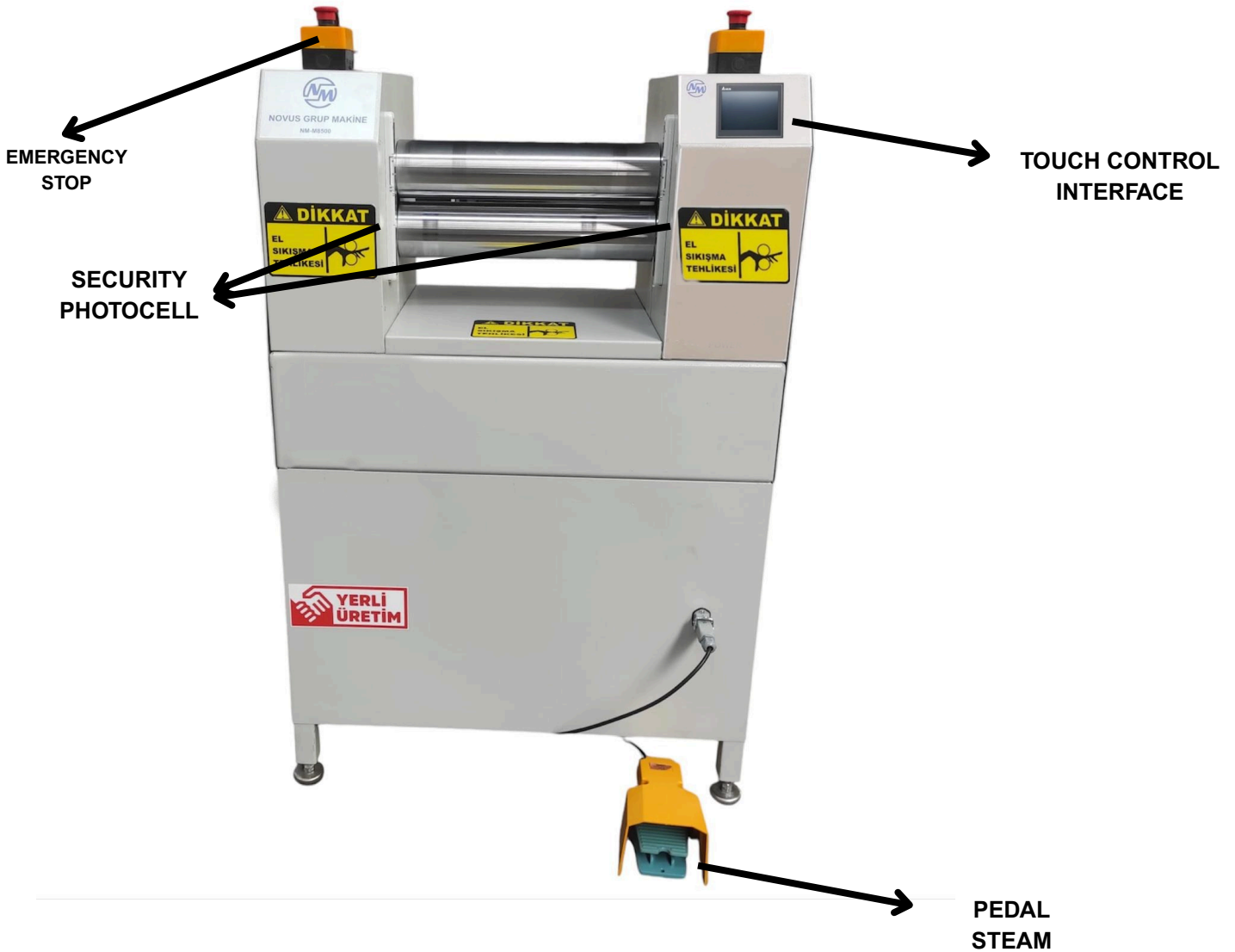
NM-M8550 SILICONE MIXING DEVICE

- Cylinder Ø200 x 750 mm
- Cylinder clearance 0 to 20 mm
- Manual adjustment of cylinder clearance
- Cylinder rotation control for reverse and forward motion
- The rotation speed of the cylinder is adjustable via a potentiometer.
- Footswitch
- Cylinder rotation management
- A minimum of two emergency stop buttons for safety considerations.
- Safety photocell



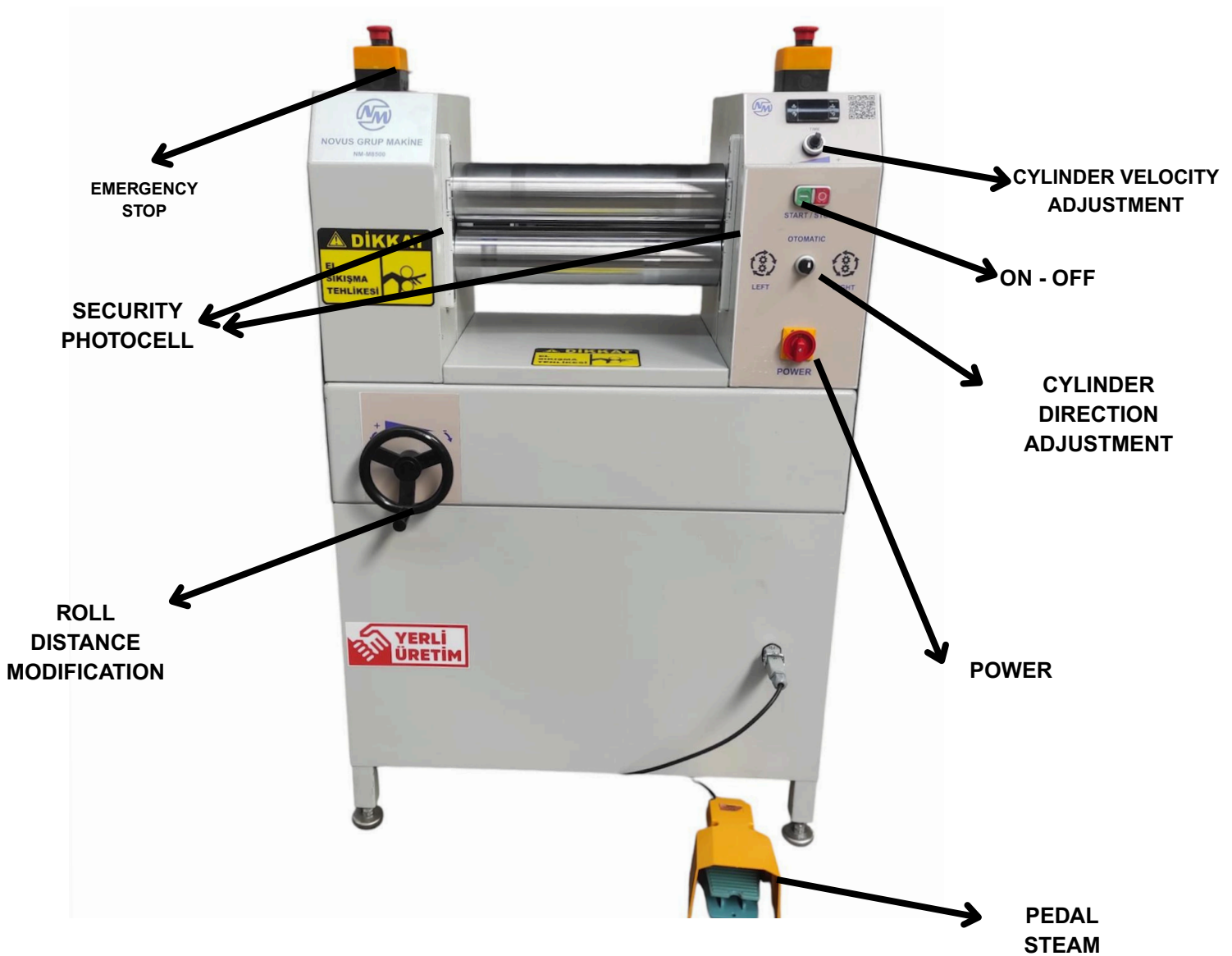
NM-M8650 Silicone Mixing Machine

- Cylinder Ø100 x 450 mm
- Cylinder clearance 0 to 20 mm
- Touchscreen control
- Cylinder clearance regulation via digital display
- Digital display management of cylinder reverse and forward rotation
- Digital display for cylinder rotation speed adjustment.
- Selection of cylinder rotation number via digital display
- Foot pedal cylinder rotational control
- A minimum of two emergency stop buttons for safety considerations.
- Safety photocell



NM-M8700 SILICONE MIXING DEVICE

- Cylinder Ø100 x 450 mm
- Cylinder clearance 0 to 20 mm
- Manual adjustment of cylinder clearance
- Cylinder rotation control for reverse and forward motion
- The rotation speed of the cylinder is adjustable via a potentiometer.
- Foot pedal cylinder rotational control
- A minimum of two emergency stop buttons for safety considerations.
- Safety photocell



NM-M8750 Silicone Mixing Machine

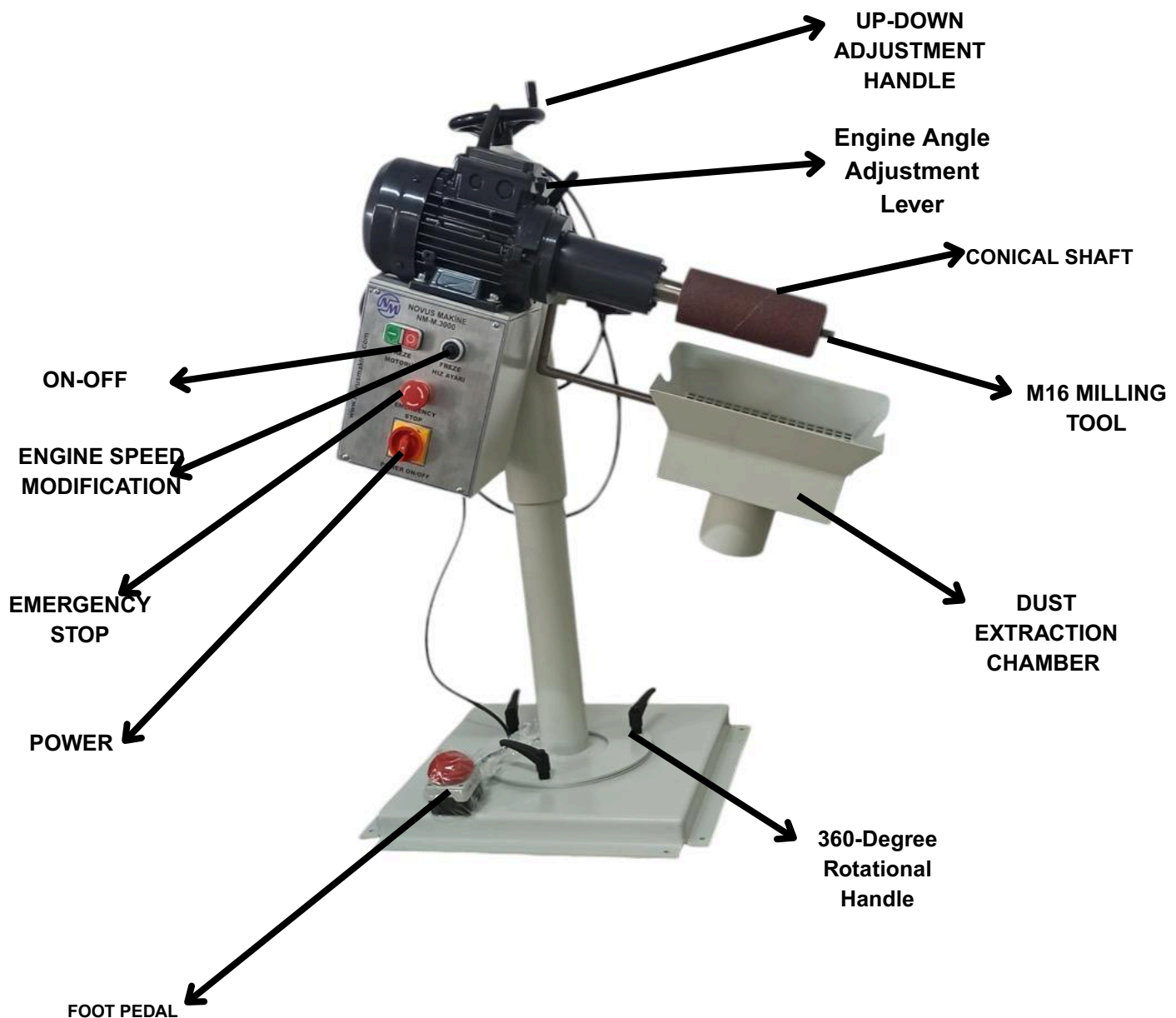
- Cylinder Ø100 x 450 mm
- Cylinder clearance 0 to 20 mm
- Rotating the rolls with a mechanical arm
- Modifying the spacing between the rolls using the mechanical arm



SANDPAPER MILLING EQUIPMENT

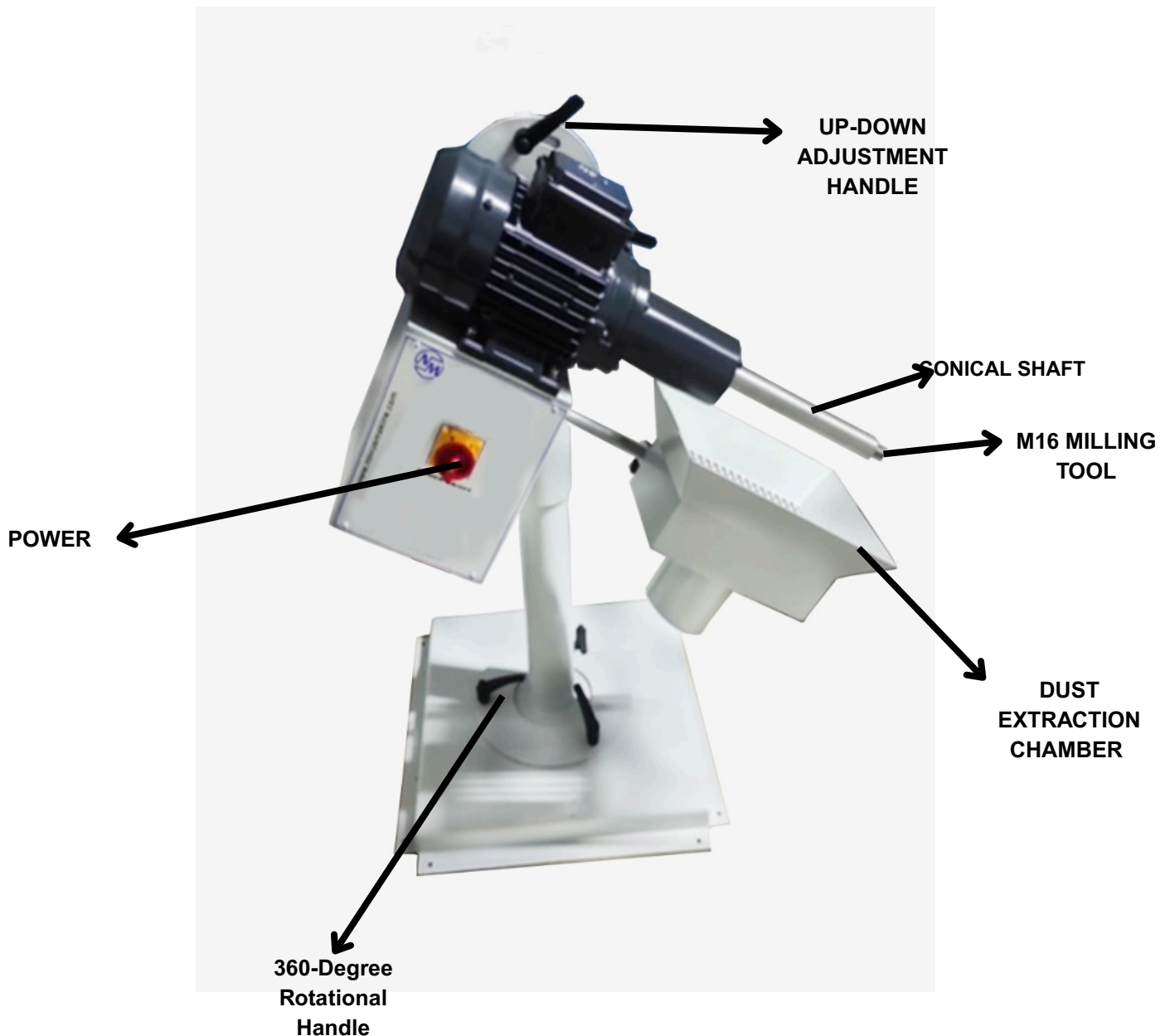
Socket Router (Sand Milling Machine (NMM.3000))

- Noise: 84 dB
- Power: 220 Volts, 50-60 Hz
- Engine: 0 to 3600 rpm (Variable)
- Shaft Length: 30 x 35 x 225 mm
- Potentiometric control of motor speed
- Motor angle adjustment: adjustable up to 45°.
- Adjustable height ranging from 800 to 1100 mm.
- Dust Extraction Outlet: Ø90 mm
- Milling Tool: M16
- Emergency footswitch



SANDPAPER MILLING EQUIPMENT**Socket Router (Sand Milling Machine (NMM.3100))**

- Noise: 84 dB
- Power: 220 Volts, 50-60 Hz
- Engine: 3600 rpm (constant speed)
- Shaft Length: 30 x 35 x 225 mm
- Motor angle adjustment: adjustable up to 45°.
- The foot is fixed, with no adjustments available for up or down movement.
- Dust Extraction Outlet: Ø90 mm
- Milling Tool: M16



SANDPAPER MILLING EQUIPMENT

TABLETOP SOCKET ROUTER (ZIMPARA FREZE NM-M3500)

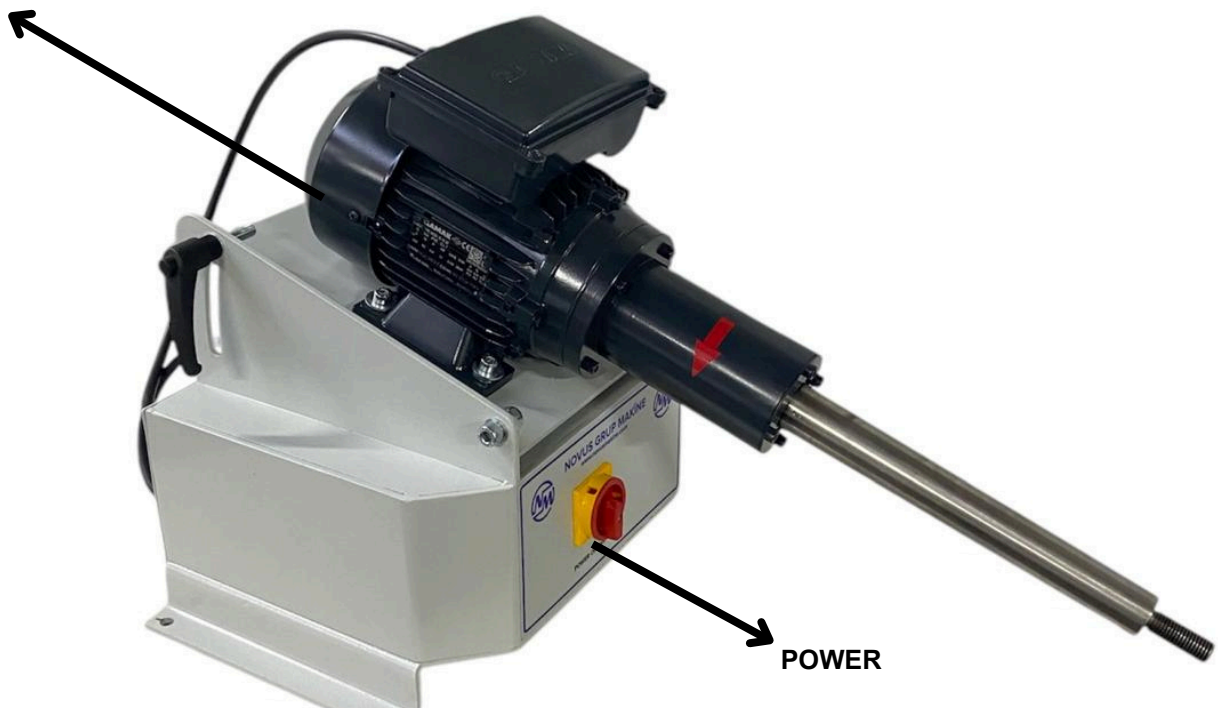
- Noise: 84 dB
- Power: 220 Volts, 50-60 Hz
- Engine: 0 to 3600 rpm (Variable)
- Shaft Length: 30 x 35 x 225 mm
- Potentiometric control of motor speed
- Motor angle adjustment: adjustable up to 45°
- Milling Tool: M16
- Emergency footswitch



SANDPAPER MILLING EQUIPMENT**TABLETOP SOCKET ROUTER (ZIMPARA FREZE NM-M3600)**

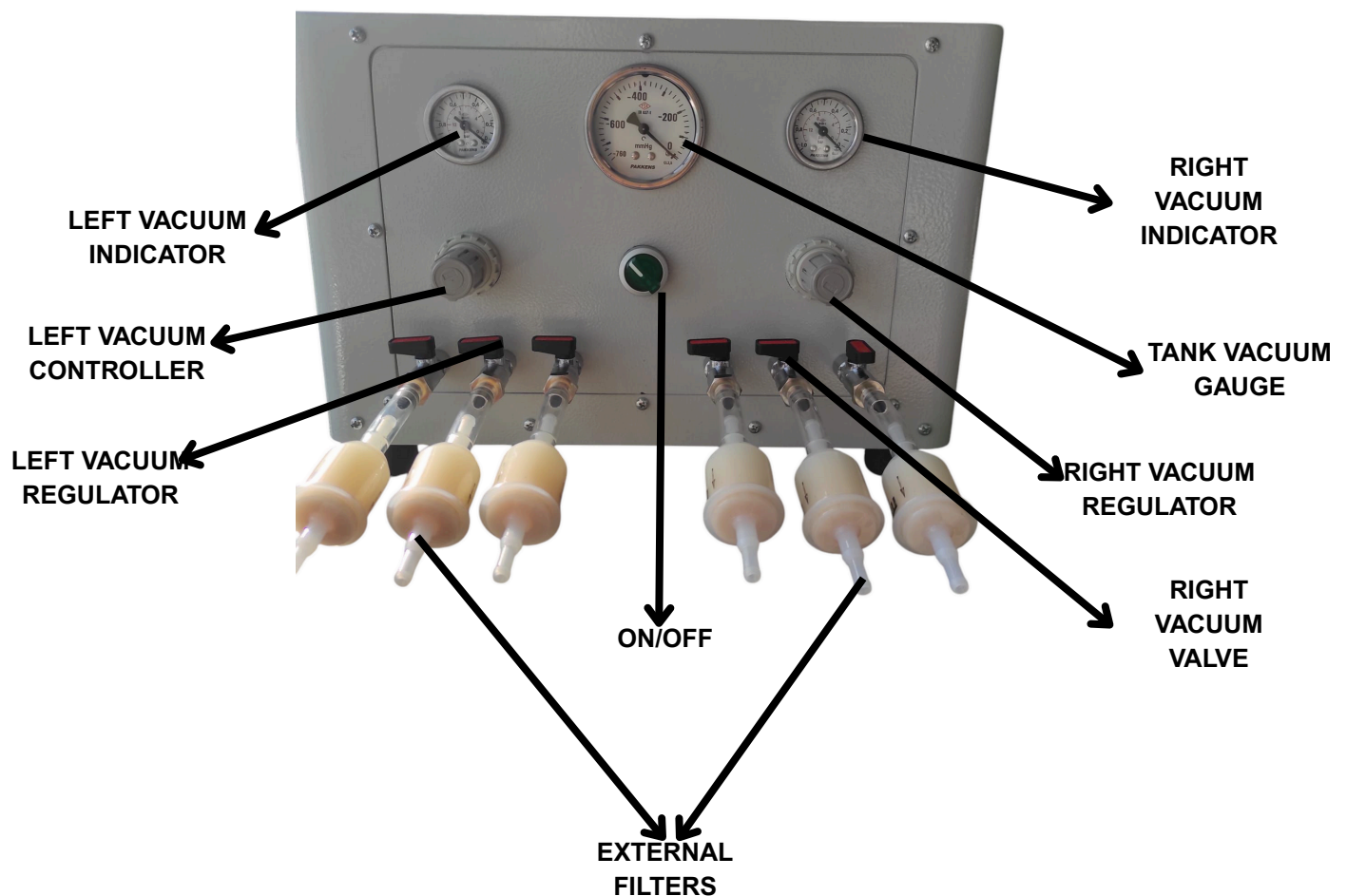
- Noise: 84 dB
- Power: 220 Volts, 50-60 Hz
- Engine: 3600 rpm (constant speed)
- Shaft Length: 30 x 35 x 225 mm
- Motor angle adjustment: adjustable up to 45°.
- Milling Tool: M16

ENGINE
ANGLE
ADJUSTMENT



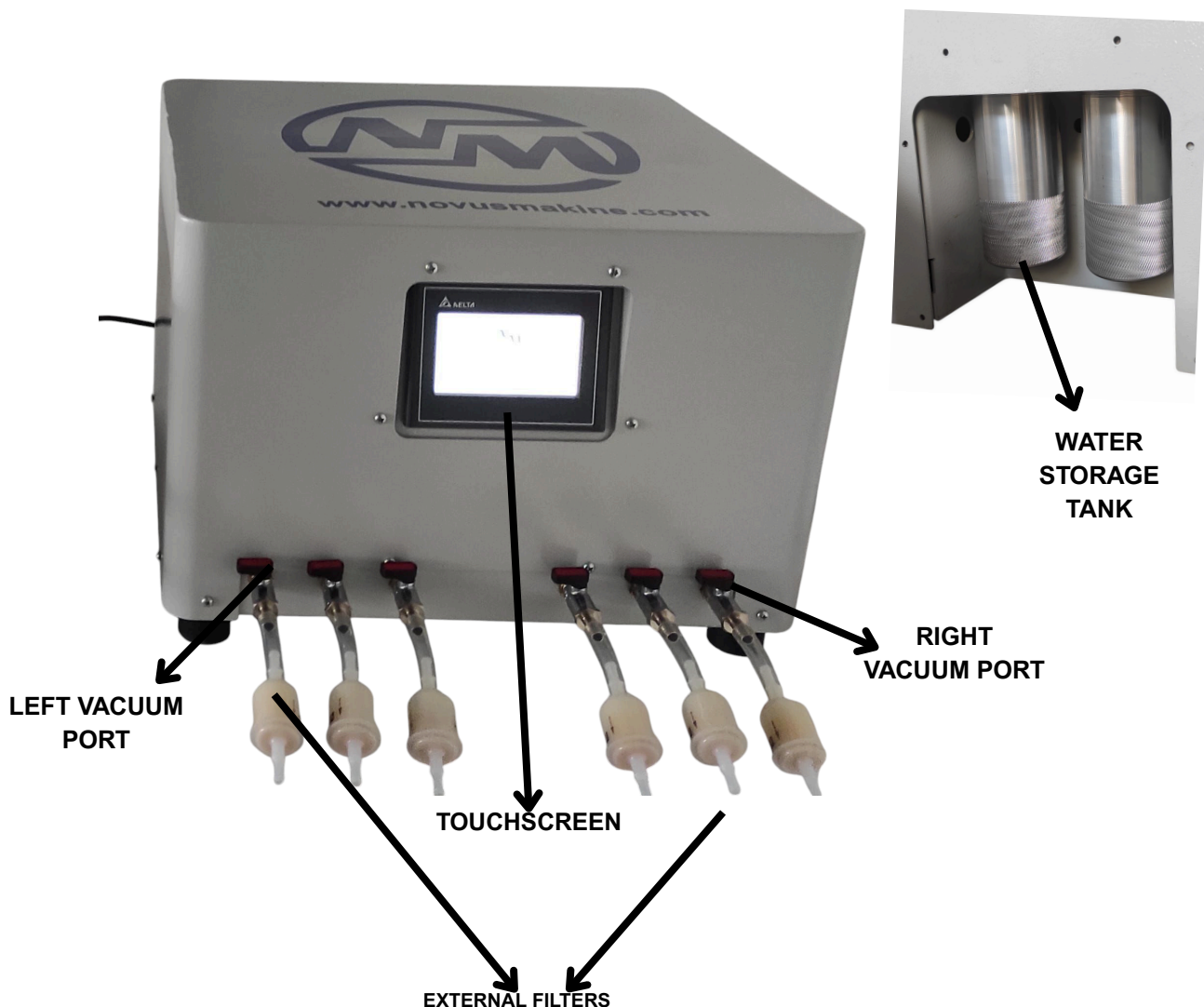
Manual Lamination Vacuum Apparatus

- Pressure Range: 0 to 650 mmHg
- Noise: 60 dB
- Power: 220 Volts, 50-60 Hz
- Pressure Setting: 90 mbar (=78%)
- Emme Power: 59 L/min
- Two vacuum circuits controlled independently.
- 6 vacuum ports
- Six ball valves for vacuum regulation.
- Adjustable vacuum cleaner
- 6 external filters



Automatic Lamination Vacuum Apparatus (NM-M.2000)

- Pressure Range: 0 to 650 mmHg
- Noise: 60 dB
- Power: 220 Volts, 50-60 Hz
- Pressure Setting: 90 mbar (=78%)
- Suction Power: 59 L/min V/Hz/kW
- Electrical connection: 1 x 230 V / PE / 50 Hz / 0.11 A
- Touchscreen
- 4.3" Screen with two independently controlled vacuum circuits
- 6 vacuum outlets, 6 ball valves for vacuum regulation.
- Adjustable vacuum operation duration
- 2 external water reservoirs
- 6 external filters
- Alert with notification when the water tank reaches capacity.



MEASURING INSTRUMENT (NM-M.5000)

It facilitates straightforward measurement of the machined component at the workbench.



Measuring Stand

- Measuring Range: 250 to 1150 mm
- Stabilization during assessment
- Ring Dimensions: 103 mm - 113 mm - 126 mm - 135 mm
- Adjustable legs
- The measuring ring angle is constructed from stainless steel.
- The ring is composed of natural plastic.
- The table is constructed from wooden material.

DUST COLLECTION ENCLOSURE

AS Type Cyclone dust collector filters can be manufactured with a backward-curved sparse wing fan, supply cover, filter, and air lock reducer if required. Under the strong negative pressure generated by the turbine fan, when the contaminated air enters the air inlet, it first encounters the turbulence generator positioned between the air inlet. This turbulence generator disrupts the incoming airflow and reduces the flow rate. Due to gravity, larger dust particles fall directly into the dust inlet, facilitating preliminary dust removal. Once the fine-grained and low-density dust particles enter the dust filter chamber, the dust in the air adheres to the surface of the filter element, while the filtered clean air is directed into the air chamber and collected at the outlet through the exhaust pipe and fan.

Areas Utilized:

Powder coating facilities gather sawdust, sandpaper, and paint dust within their chambers.



Technical Specifications

Boyut: X.40—Y.60—H.80 cm
Debi 1300 m ³ /h
Motor Gücü 0.55 kw, 3000 rpm
Emiş Hızı 24 m/sn
Emiş Çapı Ø100 mm
Geçirgenliği 5 micrometre
Filtre Ölçüsü Ø40x50 cm
Filtre Adeti 1 Adet
Ses 90-95 dB
Elekrik 380 V – 240 V
Ağırlık 35 kg

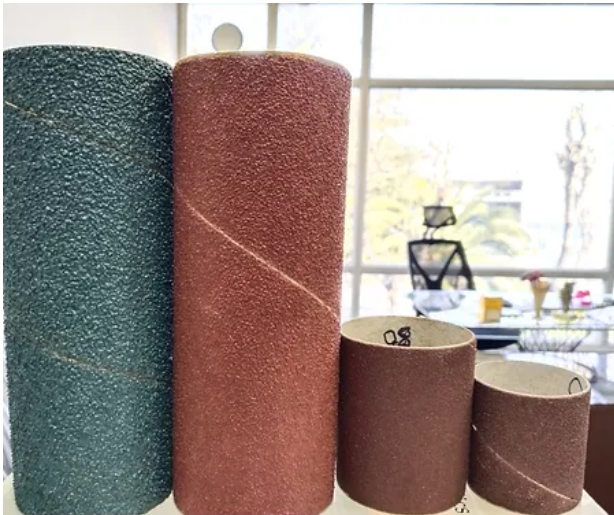
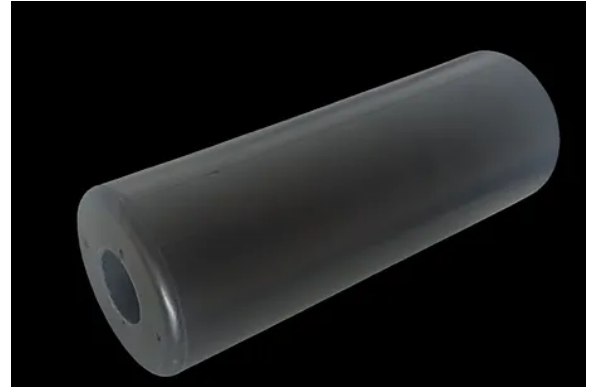
ELECTROMECHANICAL TENSILE AND COMPRESSION TESTING DEVICE

Fully automatic Novus Laboratory Testing Machines, with capacities ranging from 1 kN to 300 kN, are versatile electromechanical universal testing devices tailored to fulfill the requirements of R&D laboratories, university laboratories, institute laboratories, and quality control laboratories. These machines are capable of conducting load or displacement-controlled tensile, compression, and bending tests on a diverse array of materials. Electromechanical universal testing machines can execute tensile tests on various substances, including metal, plastic, textile, and wood, provided that the appropriate accessories are utilized. In addition to tensile testing, these devices are also equipped to perform compression and bending tests on materials such as steel, soil, concrete, cement, and asphalt, again with the use of suitable accessories.



ELASTIC FOAM

Diameter 30 - 35 conical rubber foam

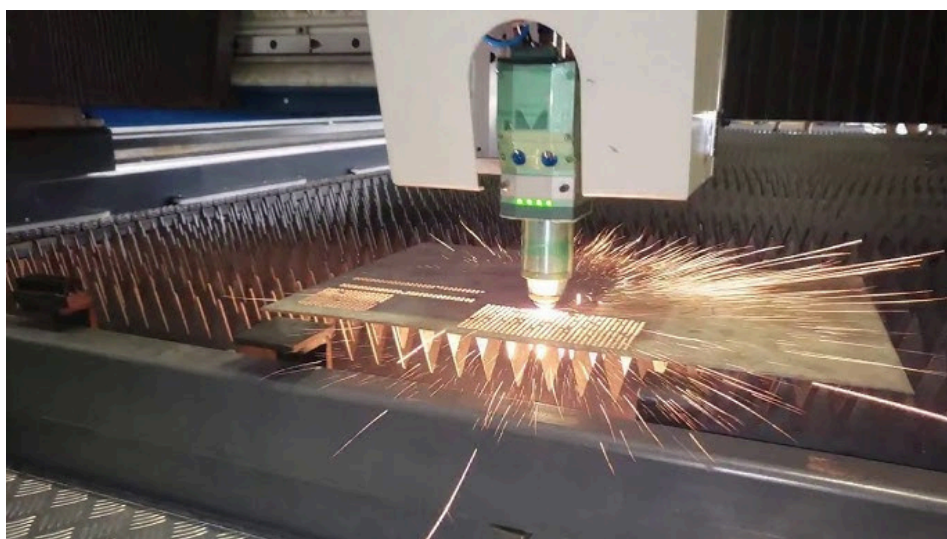
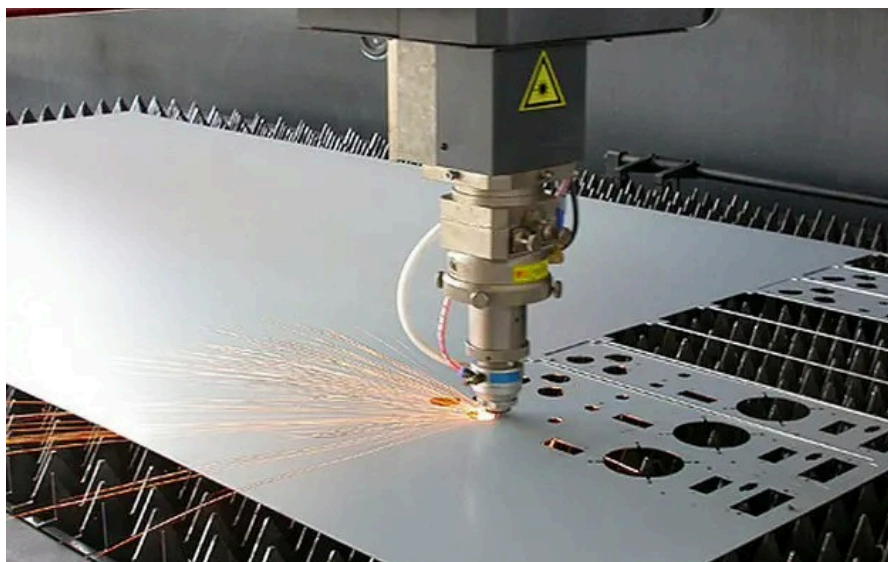


PERISHABLE GOODS

MILLING TOOLS

M16 Milling
Cutters







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