



FORM-TEK  
DIVISION

# AUTOMATIC HAMBURGER FORMING MACHINE

## FLEX

# *la minerva*

Available from  
May 2026



 MADE IN  
ITALY

 **minerva**  
**omega**  
GROUP

Experience. Evolution. Excellence.

# FLEX

Italian Patent Pending



**FLEX SVR**



**FLEX SR**



**FLEX SV**



**FLEX, FLEX S**

## MAIN FEATURES

*Short description* Automatic hamburger forming machine

*Available versions*

- FLEX** Manual wire cleaning
- FLEX S** Automatic wire cleaning
- FLEX SV** Automatic wire cleaning, with variable speed drive
- FLEX SR** Automatic wire cleaning, refrigerated
- FLEX SRV** Automatic wire cleaning, refrigerated, with variable speed drive

*Nominal voltage* V 230/1/50 Hz

*Bowl* removable

*Nominal productivity* **HAMBURGER PATTY**  
 ~ 2.100 pcs/h  
 ~ 800 to 3000 pcs/h (with speed variator)

*Capacity workload* 30 L

*Shaft* aluminium shaft

*Conveyor belt* 40 cm

*Standard features*

- Made of stainless steel, Delrin® and aluminum
- Stainless steel lid and frontal door
- Adjustable hamburger thickness
- NVR device

*Additional features*

- Multi-frequency motor
- Mechanical / automatic wire cleaning system without compressed air
- Raised configuration to facilitate cleaning
- Display case and hopper removable through guided fittings
- Suitable for in-line operation with our meatball forming and batter-breading machines

**Delrin® cylinder NOT included** (see accessories)

## AVAILABLE ACCESSORIES

- Delrin® cylinders / moulds in standard diameters Ø 90 mm, Ø 100 mm, Ø 110 mm, Ø 120 mm or other shapes available (see CYLINDER SHAPES page)
- Delrin® cylinder customized shapes available under our approval
- Foot control pedal
- Paper interleaver device (paper not included)
- Paper for interleaver device
- Special 80 cm length conveyor (instead of standard 40 cm)
- Stainless steel table with shelf and self-braking wheels (LxWxH: 660x600x740 mm)
- Stainless steel table with shelf and self-braking wheels (LxWxH: 860x600x850 mm), strictly required for machines equipped with Special 80 cm length conveyor, speed variator or joined with meatball forming machine

Specifications and other features are subject to change without notice.

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## PRODUCTION



HAMBURGER PATTY

Max diameter (Ø): 130 mm  
Max thickness: 30 mm



CYLINDRICAL MEATBALLS

2 x Ø 28 - 45 mm  
(cylindrical meatballs)

## MODELS

	FLEX	FLEX S	FLEX SV	FLEX SR	FLEX SRV
<b>Productivity</b>	2.100 pz/h		800-3000 pz/h	2.100 pz/h	800-3000 pz/h
<b>Wire Cleaning System</b>	Manual (with machine running)	Automatic / Mechanical (integrated with main motor)			
<b>Motor Power</b>	1,20 Kw (1,63 HP)		0,40-1,40 Kw (0,54-1,9 HP)	1,35 Kw (1,83 HP)	0,50-1,60 Kw (0,68-2,17 HP)
<b>Net Weight</b>	60 kg			65 kg	
<b>Speed Variator</b>	-	-		-	
<b>Refrigerated Version</b>	-	-	-		

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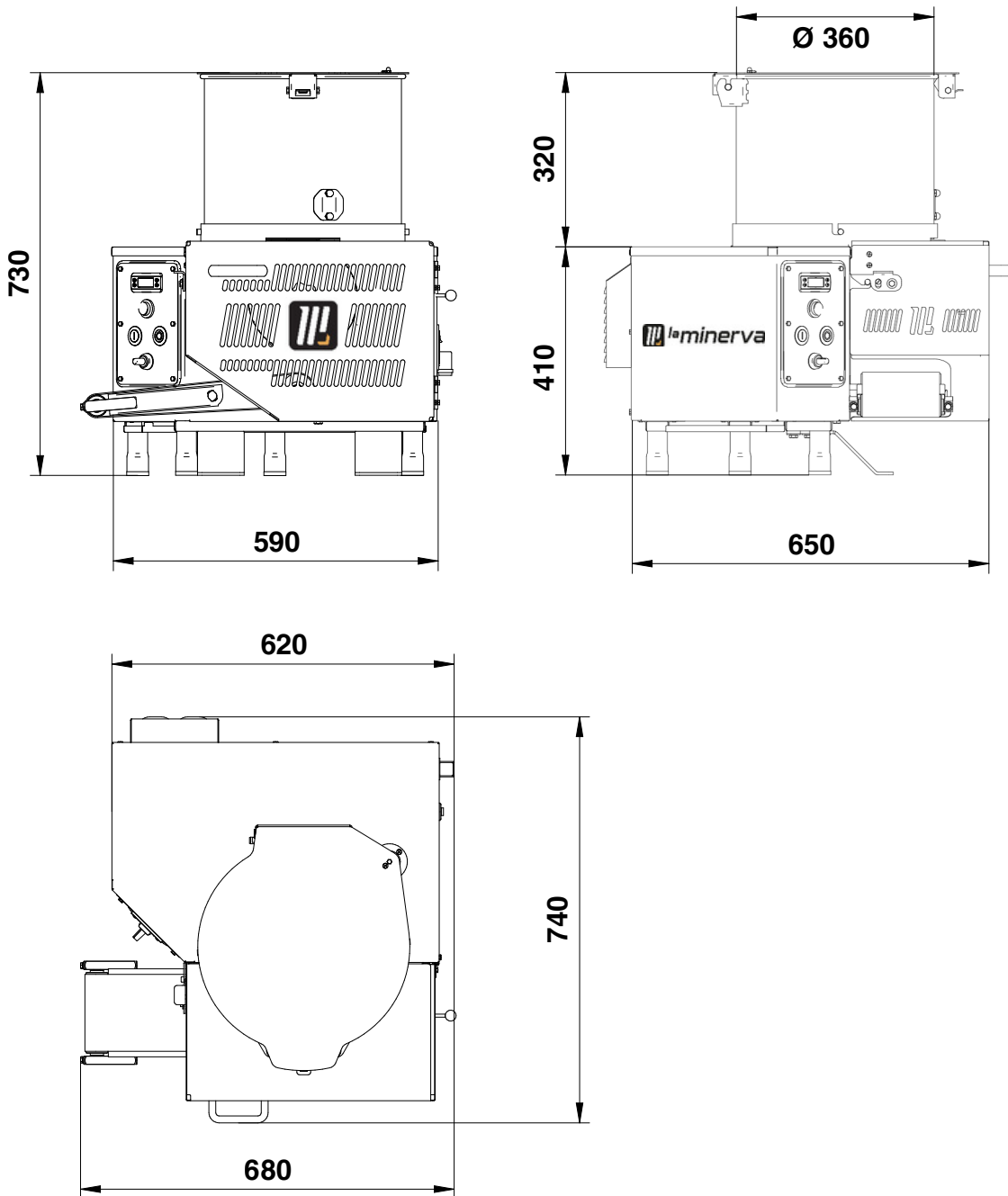
# FLEX

Italian Patent Pending



## TECHNICAL LAYOUT

All the values are expressed in millimeters (mm)



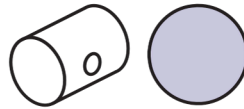
Specifications and other features are subject to change without notice.



## CYLINDER SHAPES

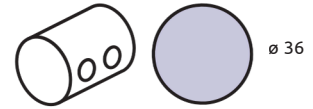
### FORME STANDARD | STANDARD SHAPES (\*)

#### FORME SINGOLE SINGLE SHAPES



ø 90  
 ø 100  
 ø 110  
 ø 120  
 (SMART)  
 ø 125 (C/E  
 653)  
 ø 130 (FLEX)  
 ø 135 (MAX)

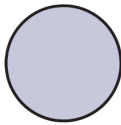
#### FORME DOPPIE (x 2) DOUBLE SHAPES (x 2)



ø 36

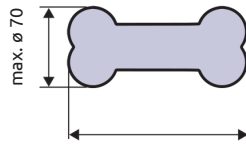
### FORME SPECIALI | SPECIAL SHAPES (\*)

#### FORMA TONDO ROUND SHAPE



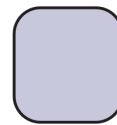
max. ø 89

#### FORMA OSSO BONE SHAPE



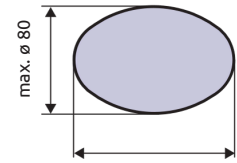
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA QUADRATO SQUARE SHAPE



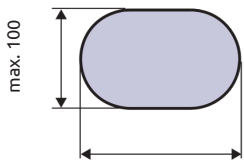
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA ELLISSE ELLIPSE SHAPE



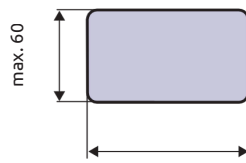
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA OVALE OVAL SHAPE



max. 100

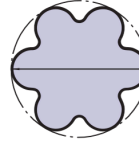
#### FORMA RETTANGOLO RECTANGLE SHAPE



max. 60

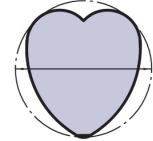
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA FIORE FLOWER SHAPE



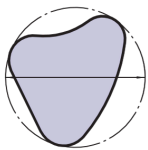
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA CUORE HEART SHAPE



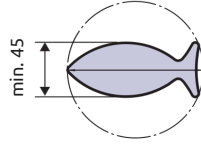
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA COTOLETTA STEAK/CUTLET SHAPE



max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

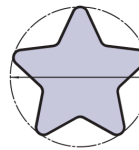
#### FORMA PESCE FISH SHAPE



min. 45

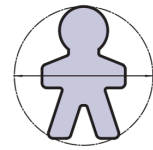
max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### FORMA STELLA STAR SHAPE



max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

#### BURGER MAN FORMA SHAPE



max. ø 120 (SMART); ø 125 (C/E 653);  
ø 130 (FLEX); ø 135 (MAX)

### FORME DOPPIE SPECIALI | DOUBLE SPECIAL SHAPES (\*)

#### DOPPIO FIORE (x 2) DOUBLE FLOWER (x 2)

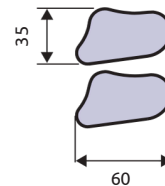


min. ø 36 - max. ø 45

#### DOPPIO TONDO (x 2) DOUBLE ROUND (x 2)



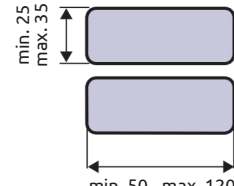
min. ø 25 - max. ø 45



35

60

#### BASTONCINI DOPPI (x 2) DOUBLE NUGGET/STICK (x 2)



min. 25

max. 35

min. 50 - max. 120

(\*) Tutte le quote sono espresse in millimetri (mm) - All the values are expressed in millimeters (mm)

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