



FORM-TEK  
DIVISION

AUTOMATIC HAMBURGER  
FORMING MACHINES

**SMART**



***laminerva***



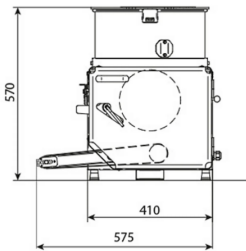
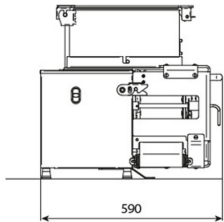
 **MADE IN  
ITALY**

 **minerva  
omega  
GROUP**

Experience. Evolution. Excellence.



# SMART



Dimensions displayed in mm

	SMART
Width	590
Depth	575
Height	570

## MAIN FEATURES

Short description	Hamburger forming machine
Available voltages	V 400/3/50 Hz, V 230/1/50 Hz
Available power consumption	0,3 kW (0,4 HP)

Bowl	removable, 18 L
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Nominal productivity	HAMBURGER PATTY ~ 1000 pcs/h
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### Standard features

- Made of stainless steel, Delrin® and aluminum
- Manual wire cleaning while the machine is in operation and with locked frontal door
- Transparent methacrylate lid and stainless steel frontal door
- Adjustable hamburger thickness
- NVR device

Shaft	- Single paddle suitable for all cylinders
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Conveyor belt	40 cm
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Net weight	48 kg
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### Additional features

- Exchangeable cylinder made in Delrin®, one or two shapes
- Standard conveyor belt
- Fast coupling paddle
- Codified magnetic micro-switches and safety guards to prevent access to moving parts
- Removable paddles, forming cylinder and product feed hopper
- Electric parts into IP55 box

## AVAILABLE ACCESSORIES

- Delrin® cylinder hamburger shape  $\varnothing$  90 mm or  $\varnothing$  100 mm or  $\varnothing$  110 mm or  $\varnothing$  125 mm. See "SHAFT" accessory
- Delrin® cylinder "cylindrical meatball" 2 x  $\varnothing$  36 mm
- Delrin® cylinder – shapes/forms to be chosen among the ones available (see HAMBURGER SHAPES page)
- Delrin® cylinder customized shape (under our approval)
- Foot control pedal
- Paper interleaver device (paper not included)
- Special 80 cm length conveyor (instead of standard 40 cm)



### HAMBURGER

Max diameter ( $\varnothing$ ): 120 mm  
Max thickness: 23 mm



### CYLINDRICAL MEATBALLS

2 x  $\varnothing$  28 - 45 mm (cylindrical meatballs)

CE

# SMART



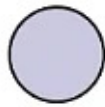


# SMART

## CONFIGURATIONS - Hamburger shapes

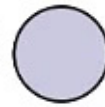
### FORME STANDARD | STANDARD SHAPES (\*)

#### 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

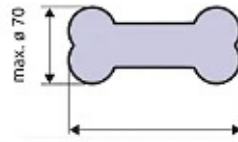
### FORME SPECIALI | SPECIAL SHAPES (\*)

#### FORMA TONDO ROUND SHAPE



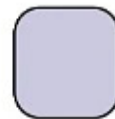
max. ø 89

#### FORMA OSSO BONE SHAPE



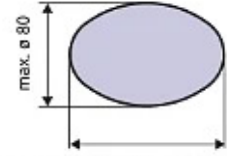
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA QUADRATO SQUARE SHAPE



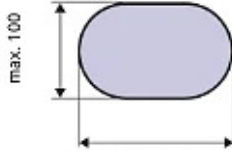
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA ELLISSE ELLIPSE SHAPE



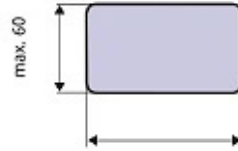
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA OVALE OVAL SHAPE



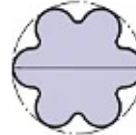
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA RETTANGOLO RECTANGLE SHAPE



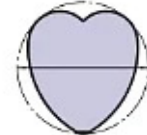
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA FIORE FLOWER SHAPE



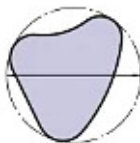
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA CUORE HEART SHAPE



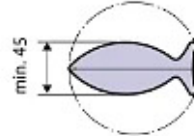
max. ø 120 (SMART); ø 125 (C/E 653); ø 130 (FLEX); ø 135 (MAX)

#### FORMA COTOLETTA STEAK/CUTLET SHAPE



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

#### FORMA PESCE FISH SHAPE



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)

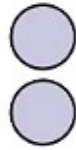
### FORME DOPPIE SPECIALI | DOUBLE SPECIAL SHAPES (\*)

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



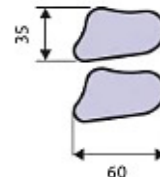
min. ø 36 - max. ø 45

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

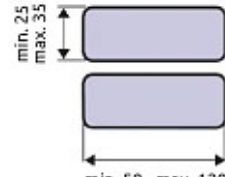


min. ø 25 - max. ø 45

#### COTOLETTE DOPPIE (x 2) DOUBLE STEAK/CUTLET (x 2)



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



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