



Major Manu



Major Alpha Auto

# Major

## Inclined Moulder

### Performances

- Models: 4
- Dough piece weight: from 80 to 1000g
- Output: up to 2000 p/h

### The advantages

- For all types of dough, even dry
- Easy to use
- Robust
- Reliable
- Quiet running (58 dBA)

### Use

The **Major** moulders are designed to mould and lengthen the dough pieces of all types of bread (baguettes, buns, country loaves, etc.). With their variants and options, they can be adapted on a foot, a piece of dough support, a table or an evacuation conveyor and can be perfectly integrated to groups of semi-automatic and automatic intermediate proofers. The machine's comfort of use is favoured by the regrouping of control and safety functions. Settings are easy using ergonomic handles fitted with indicators. The low noise level (58 dBA) allows work in a calm atmosphere.

### Operating principle

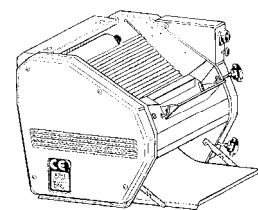
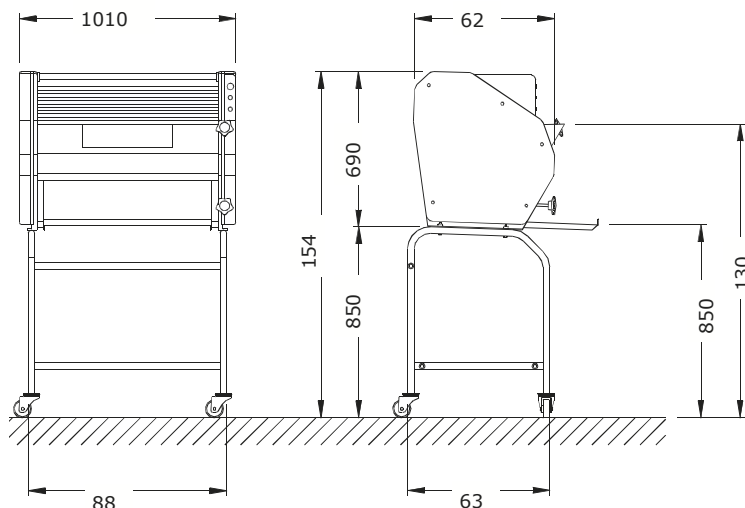
Centred by the hopper (**Major**) or driven by a feeding belt (**Major Alpha**) the dough piece is sheeted between two cylinders with anti-adherent coating then rolled under a heavy belt. The use of a tilting feeding belt, variable from horizontal to 40° (**Major Alpha**), speeds up the sheeting process. The pieces of dough undergo a soft and progressive lengthening between two woollen felt belts, turning in opposite direction, then are delivered on a folding felt tray (**Manu** and **Alpha Manu**).

### Construction

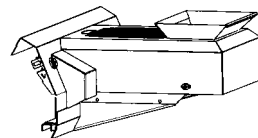
- Cast aluminium frame
- Fired, epoxy painted cladding and in-feed chute
- ABS casing
- Grooved belt drive
- Quiet running
- Tiltable sheeting belt (model **Major Alpha**)
- Right-hand control on standard
- Electrical control box on **Manu** and **Standard** model, optional on **Auto**
- Optional left-hand electrical controls, pinning and stretching
- Supply voltage : 3 PH + N 400 V 50/60 Hz

Machine complies with CE standard

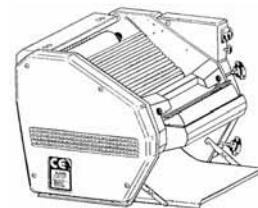
## Major inclined moulder



Major Manu



Major Auto



Major Alpha Manu

Reference	Models
29800333	Major Manu
29800373	Major Auto
29800353	Major Alpha Manu
29800363	Major Alpha Auto

Options	
29800421	Electrical control for Major Auto (mandatory when installed on equipment not of Bongard production)
29800831	Felt drying fan only for MEDIO intermediate proofer
29800431	Manual and electrical control on the left

Accessories	
29800401	Stand with castors
29800811	Major auto moulder control extensions when machine located at left

General features					
Model		Major Manu	Major Auto	Major Alpha Manu	Major Alpha Auto
Possible combination		On stand, table, RP chest type proofer	On Medio intermediate proofers	On stand, table, RP chest type proofer	Delta 70 ECP
Electronic control		Yes	Optional	Yes	Optional - obligatory for ECP
Dough piece loading	manual	Yes		Yes	Yes
	No automatic	Yes	Yes	Yes	Yes
Dough piece loading	touch bar	Yes	No	Yes	Yes
Feed conveyor	450 mm	No	Yes	No	No
Dough piece outfeed	on outfeed tray	Yes	No	Yes	No
	on outfeed conveyor table	No	Yes	No	Yes
Performances		1500 p/h	1800 p/h	+ 1500 p/h	2000 p/h
Dough piece weight	mini to maxi	80 - 1000 g	80 - 1000 g	80 - 1000 g	80 - 1000 g
Motor power		0,55 kW	0,55 kW	0,55 kW	0,55 kW
Dimensions and weight					
Width x depth		1010 x 800 mm	1010 x 1250 mm	1010 x 780 mm	1010 x 780 mm
Height		690 mm	690 mm	690 mm	690 mm
Loading height		1350 mm	1450 mm	1300 mm	1350 mm
Output height		880 mm	940 mm	880 on stand	940 on TE
Net weight		132 kg	150 kg	142 kg	140 kg

## Packing

Mainland (Cardboard box on pallet)	Model	Major Manu	Major Auto	Major Alpha Manu	Major Alpha Auto
	Width	1030 mm	1030 mm	1030 mm	1030 mm
	Length	880 mm	880 mm	880 mm	880 mm
	Height	890 mm	1300 mm	890 mm	890 mm
	Weight	160 kg	180 kg	170 kg	170 kg
By sea : (Wooden Crate)	Model	Major Manu	Major Auto	Major Alpha Manu	Major Alpha Auto
	Width	1110 mm	1110 mm	1110 mm	1110 mm
	Length	1050 mm	1050 mm	1050 mm	1050 mm
	Height	980 mm	1300 mm	980 mm	980 mm
	Weight	210 kg	240 kg	220 kg	220 kg