

Winkworth

Est 1924

LABORATORY 'Z' BLADE MIXERS

Winkworth laboratory 'Z' blade mixers

0.25, 0.5 and 1.2 litre sizes



Model AZ – 0.25 litre with steam jacketed trough, vacuum lid and with control panel mounted on mixer and wired

APPLICATION GUIDE

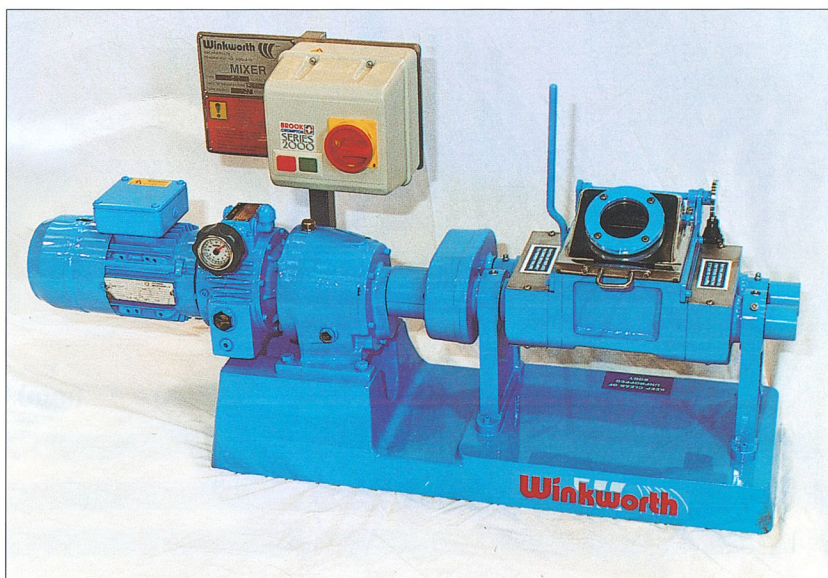
Viscous pastes and doughs including

Biscuit doughs
Chewing gum
Food and confectionery products
Sugar pastes

Chemicals
Pharmaceuticals
Soaps and detergents

Adhesives
Crayons and pencil lead
Fibreglass resin doughs
Inks and pigmented products
Mastics
Sealants

Ceramics
Explosives
Flushing pigments
Grinding wheel preparations
Metal powders
Refractories



Model ZZ – 1.2 litre vacuum model with mechanical variable speed drive

The Winkworth range of heavy duty laboratory mixers of 1/4, 1/2 and 1.2 litre working capacities are ideally sized mixers for research on viscous doughs and pastes and are also used as vacuum mixer dryers.

The mixers are offered with a large range of optional extras, including jacketed troughs, vacuum models, different blade types, drives, etc. to cater for most process requirements.

They are widely used in Laboratories for Research and Product Development,

Standard range

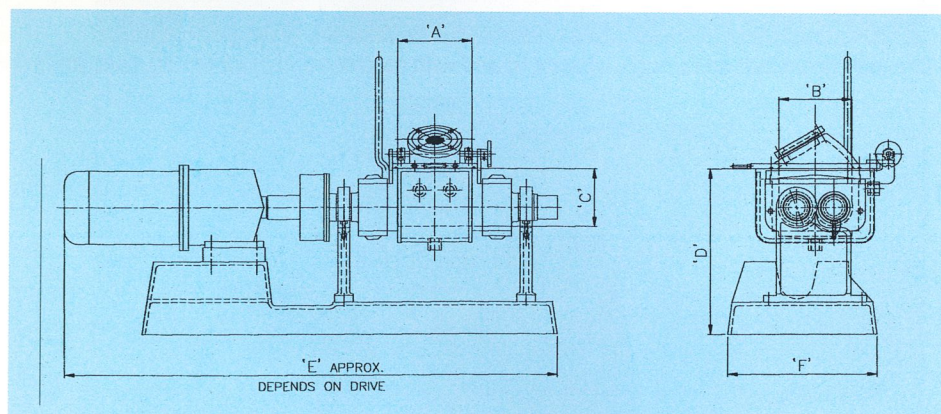
Model	Approx. Trough size			Approx. Total Contents (litres)	Approx. Working Capacity (litres)	Driving Motor	
	Long (mm)	Wide (mm)	Deep (mm)			Std. Duty (kW)	Heavy Duty (kW)
AZ	79	95	89	0.5	0.25	0.18	On request
1Z	95	140	109	1.2	0.5	0.37	0.55
2Z	140	140	109	1.75	1.2	0.37	0.55

Features

- ◆ 316 quality stainless steel construction for all parts in contact with the mix
- ◆ Outboard bearings and adjustable packed glands to prevent leakage of mix, etc. along the blade shafts
- ◆ Suitable for bench mounting
- ◆ Spray painted external finish
- ◆ Machined troughs for close clearance between blade and pan for effective mixing and kneading
- ◆ Domed lid to assist when mixing really tough products
- ◆ Hand tilt discharge
- ◆ CE Marked

Optional Extras including

- ◆ Jacketed trough — steam, oil, water or electric
- ◆ Vacuum Model
- ◆ Variable speed, both mechanical and electronic types
- ◆ Insulated jackets
- ◆ Choice of 'Z', dispersion, Naben and 2 wing masticator blades
- ◆ Explosion proof and tropicalised motors
- ◆ Heavy duty drive



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
AZ	79	95	89	222	760	203
1Z	95	140	109	311	900	280
2Z	140	140	109	311	900	280

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CE All new Winkworth mixers destined for EEC countries are designed and manufactured to comply with the relevant EC directives and HASWA (1974) and are issued either with an EC Declaration of "Incorporation" or an EC Declaration of "Conformity" with CE marking.

FOR FURTHER INFORMATION ON ALL

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