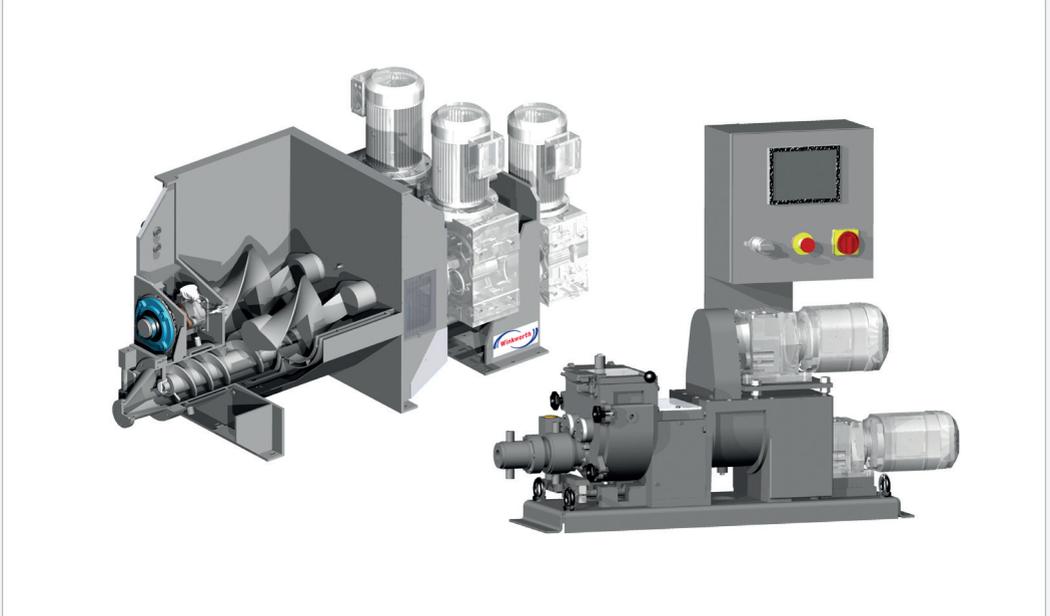


- w Ideal for mixing, kneading and dispersion of very viscous doughs and pastes.
- w Standard duty, robust, Z (Sigma) Blade extruder mixers for production and pilot plant.



“ We have used **Winkworth** machines for over 10 years and currently have two Z Blade mixers, used for mixing ceramic powders and carbon materials into a homogeneous mix. The **Winkworth** Z mixer is the most efficient type of mixer on the market for mixes that require heavy mixing. ”

Winkworth Z Blade mixer extruders are used in a wide range of industries and applications including:

- | | | | |
|---------------|------------------|-----------------|-------------------|
| Gum bases | Sealants | Energetics | Rubber solutions |
| Sugar pastes | Mastics | Brake linings | Fibreglass doughs |
| Adhesives | Soaps | Confectionery | Ceramics |
| Polymers | Detergents | Waste recycling | Roof tiles |
| Hydrocolloids | Silicone rubbers | | |

Winkworth Machinery Ltd
 Mixer House
 Stroudley Road, Basingstoke
 Hampshire RG24 8FW



Mixing all ways

- w Highly efficient **Winkworth** cast profile twin blade design.
- w Extruder discharge Z Blade mixers with clean-line support frames.

Features	Std	Option	Sizes
Fabricated in stainless steel with mild steel (painted base)	✓		2 litre to 1800 litre working volume
Support provided by fully welded box section frames	✓		
Split gland housings for easy maintenance	✓		
All stainless steel		●	
Heating / Cooling jacket		●	
Heating / Cooling of blades		●	
Heating / Cooling nozzle		●	
Hardened steels, wear blades for abrasive mixes		●	
Variable pitch extruder screw		●	
Heavy duty models for stiffer products		●	
Vacuum models for de-aerating		●	
Range of nozzle designs		●	
ATEX certified models		●	
Variable speed drives		●	
Hydraulic drives		●	
Knife cutter		●	
Ultrasonic knife cutter system		●	

At **Winkworth** we design each machine to suit your specific needs. The abbreviated option chart (above) is a guide to assist with developing the specification of your machine. To get your project started please call our sales team who will be delighted to help you.



Winkworth are application specialists in the complex and challenging world of mixing. Since 1924, years of experience, knowledge and client feedback have enabled **Winkworth** to design and manufacture bespoke mixing machinery for almost every mixing need.

Winkworth's current range includes the expertise and products originating from BPT Skerman and Premier Colloid Mills. For high shear in-line mixing we offer Ystral products and for low shear we have the Lindor "gentle touch" rotary drum blenders.

This complements the extensive range of proprietary mixer designs which are extensively used across all industries for mixing stiff gums, pastes, powders, liquids, etc, most of which are available at our Mixing Test Centre at our Basingstoke HQ.