



T S

Range



Fast-Acting Mixing



Our TS mixers are fast-acting, gentle, fluidising machines that are suitable for fragile products or high throughput applications. The standard line of mixers is designed with features that make mixing faster and maintenance easier.

In comparison to other mixers, TS mixers are typically very cost-effective and have minimal running costs. The super-fast mixing process is created by counter rotating blades which fluidise the mixture. These are designed for use with fragile materials due to the very short residence time within the mixer.

The fast loading, mixing & discharge give high batch throughput capability. Our full length bomb doors allow for total discharge from the mixing chamber within seconds.

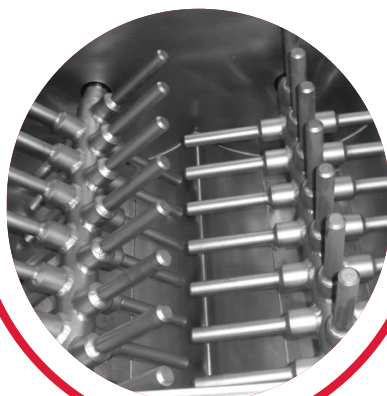
Key Features

- W** Full **stainless steel** construction throughout
- W** Super fast mixing action created by counter rotating blades, fluidising the mixture, typical blend time of 10-30 seconds.
- W** Compact drive unit allows for ergonomic footprint
- W** Fully welded blade design to remove dirt traps
- W** Seal housings are split to enable easy maintenance
- W** All models conform to the “**CE Mark**” European Directives and the “**UKCA**” marking requirements



Twin Paddle Blades

Pin Blades

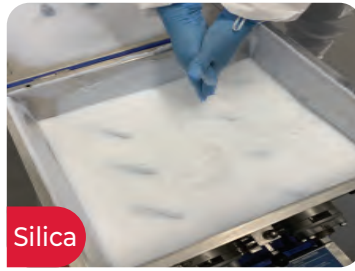


Paddle Wear Blades

Popular Applications



Battery Powders



Silica



Waste Recycling



Fruit and Nut Mixes



Fly Ash Waste



Drinks Powders



Animal Feeds



Muesli



Herb Blending



Light Sugar



Linoleum / Vinyl



Chemical Powders

Gallery



TS20



TS750



TS750



TS1000 Spray Bars



TS2000



TS2000 On-Site Installation

Features / Specifications

Winkworth tailors each TS mixer to your unique requirements. The accompanying choice chart, which applies to our entire TS series with working volumes ranging from 20 to 2000 litres, is a guide to help you develop the specification for your machine.

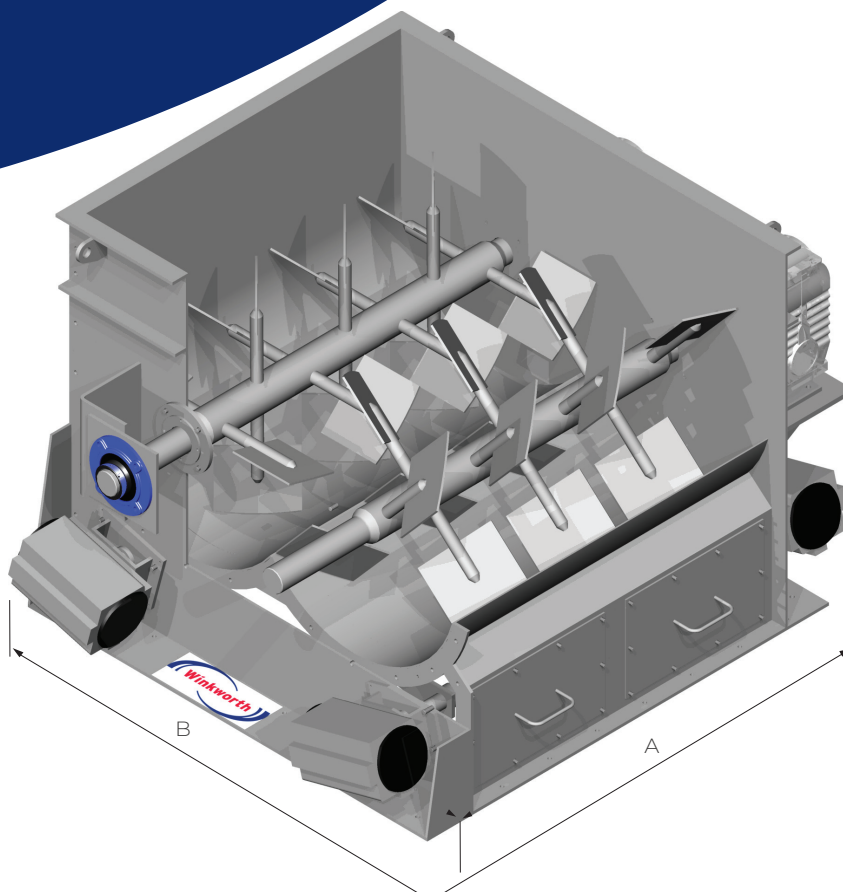
| | Standard | Optional |
|--|-------------------------------------|--------------------------|
| Full stainless steel construction throughout | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Twin shaft multi-paddle blades | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Safety interlock system | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Overlapping blades for the most efficient mixing | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Simple push-button control panel | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pneumatically operated bomb doors | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pin blades | <input type="checkbox"/> | <input type="checkbox"/> |
| Wear paddles for abrasive materials | <input type="checkbox"/> | <input type="checkbox"/> |
| Explosion suppression | <input type="checkbox"/> | <input type="checkbox"/> |
| Bespoke internal & external surface finishes | <input type="checkbox"/> | <input type="checkbox"/> |
| ATEX certified models | <input type="checkbox"/> | <input type="checkbox"/> |
| Vacuum capable models | <input type="checkbox"/> | <input type="checkbox"/> |
| Variable speed drive units | <input type="checkbox"/> | <input type="checkbox"/> |
| HMI Control panel | <input type="checkbox"/> | <input type="checkbox"/> |
| Steam, water, or oil jackets | <input type="checkbox"/> | <input type="checkbox"/> |
| Internal spray nozzles | <input type="checkbox"/> | <input type="checkbox"/> |
| Air blower for product drying | <input type="checkbox"/> | <input type="checkbox"/> |
| Automated inlet/discharge systems | <input type="checkbox"/> | <input type="checkbox"/> |

Standard Range

| Model | Approx. Capacity (Litres) | | | Approx. Overall Dimensions (mm) | |
|---------------|---------------------------|---------|---------|---------------------------------|-----------|
| | Minimum | Nominal | Maximum | Length (A) | Width (B) |
| TS20 | 8 | 20 | 28 | 470 | 450 |
| TS100 | 40 | 100 | 140 | 820 | 700 |
| TS250 | 100 | 250 | 350 | 1100 | 930 |
| TS500 | 200 | 500 | 700 | 1360 | 1160 |
| TS750 | 300 | 750 | 1050 | 1540 | 1250 |
| TS1000 | 400 | 1000 | 1400 | 1250 | 1500 |
| TS1500 | 600 | 1500 | 2100 | 1088 | 1730 |
| TS2000 | 800 | 2000 | 2800 | 1400 | 1850 |

Larger Models - Available on Request

All data and dimensions are for guidance only, actual dimensions may vary





Mixing all ways

Services

W Design and Manufacture

W Delivery, Installation and Commissioning

W Mixing Test Centre and Mixer Hire

W Technical Support, Servicing and Repairs

Ready to turn your vision into reality? Contact us today to discuss your bespoke project.

Now available on  *Whatsapp: +44 7955 280547*

[mixer.co.uk](https://www.mixer.co.uk) | info@mixer.co.uk | +44 (0)1256 305600

Winkworth Machinery Ltd

Mixer House | Stroudley Road | Basingstoke | RG24 8FW | UK