

CRETEANGLE®

Model 'TEC 225' Pan Type Mixer

- ||| Designed for Factory production
- ||| Suitable for mixing a wide range of materials from dry, semi-dry to viscous
- ||| Complete with mixing pan and electrical control equipment
- ||| Robust steel construction
- ||| Safety guarding to head/pan and motor/engine/gearbox
- ||| All spares available
- ||| CE approved



Technical Data

CAPACITY		MOTOR	DIMENSIONS	NETT WEIGHT
LITRES	Cu.ft.	380/415V 3 phase electric motor	Mixer as illustrated: 2130mm x 1420mm x 1380mm Pan size: 1067mm dia x 457mm deep	1200Kg
408	14.42			
RECOMMENDED MIX CAPACITY				
LITRES	Cu.ft.			
225	8			

Note: Electric Cable from starter box to customer's source of supply not included. Other voltages and 60Hz to special order

EDWARD BENTON & CO. LTD

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Model 'TEC 225' Pan Type Mixer

The "Creteangle" Multiflow Pan Type Mixer Model 'TEC225' is a factory production model with a fast and efficient mixing action achieved by the pan being driven and the aggregates turning the revolving star blade.

Three fixed paddle blades balance the flow of material into a defined path creating a forced mixing action, and the side scraper blade prevents the material building-up on the side of the pan, and also diverts the mix back into the flow of material. Drive to the pan only commences when the mixing head is introduced into the pan, but the drive is controlled to start prior to the blades touching the material, thus allowing the blades to screw through the mix to give the least amount of resistance to the blades to find their true operating positions.

The whole machine can be mounted to any specified height to allow discharge to customers' requirements. Filling can be achieved by the use of a skip mounted on a fork-lift truck or by using an overhead hopper. As an important safety feature, tipping cannot commence while the mixing head is in the mixing position, i.e. down.

Both the head and the tipper are hydraulically powered through a hydraulic pump driven by a 7.5 kw electric motor. The hydraulic reservoir and electric motor are grouped together at the rear of the mixer, and all operating controls are fitted close together for ease of use.

The head of the mixer is covered with a safety headguard with sight apertures incorporated. Safety guards are also mounted around three sides of the mixer giving full protection from all moving parts of the machine.

Spare parts, such as replacement blades and pans, are readily available from stock. However, wear is kept to a minimum by the hard facing applied to the leading edges of the blades, and the heavy duty pan supplied ensures a long life.

The "Creteangle" Vibratory Feeder/Hopper System was designed to be used as an automatic filling system for the "Creteangle" Model 'TEC225' Mixer. Further information on the "Creteangle" Vibratory Feeder/Hopper System and other Filling and Weighing Systems are available on request.

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