

10ft Powered Turntable

Features:

- Anti-tilt mechanism during rotation
- Manual override of drive system in the event of power failure allows easy manual manoeuvre of ULDs
- Inverter Driven motor
- Steel chequer plate infills between rollers and in crescent sections for operator safety



Description:

The turntable is used to position loaded or empty ULDs in the correct orientation. The powered roller deck is bi-directional and forms an interface between conveyor lanes at 90° or 180°.

Technical Data:

Load Capacity	> 6,800kgs
Turntable diameter	4,400 mm
Rotation	+/- 180°
Rotation Speed	20 seconds for 180°
Transfer Speed	18 metres per minute
System Drive	1 x 1.1 Kw motors

Specifications:

The turntable consists of the following basic elements:

- Base Frame
- Rotation Mechanism
- Roller Deck or Right Angle Deck
- Turntable circular contour extensions

The frame is a rigid steel construction anchor bolted to the concrete floor.

The rotation mechanism centres, supports and electrically rotates the deck with its circular contour extensions. Rotation is achieved by means of an AC torque motor.

The accuracy of turntable positioning after a programmed rotation is such that the centre line of the deck on the turntable and the centre lines of the adjacent decks are not offset to each other by more than 3mm under any load condition.

Four support wheels are installed underneath the corners of the deck, which run on a continuous circular rail. This prevents tilting of the turntable during ULD transfers.