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Revolve Information Sheet

Description

Steel segment construction with plywood tops, running on an integral sub-frame, therefore reducing floor fixing to a minimum within surround environments.

No fixings required when used as a stand alone unit.

Drive is provided by an internally housed electric motor in conjunction with a geared slew ring, this allows almost silent motion.

Variable speeds & directions with programmed stopping positions, all of the functions can be simply adjusted or programmed on site.

The Standard "Pendant control" allows 3 programmable stop points

The optional "Laptop" control allows infinite stops & complete show programming. When using the laptop option, both of our stock revolves can be controlled individually, or as a pair from a single laptop

Build time is just 4 hours using a crew of 4 people, if direct access to site is available.

We can provide a power supply to the centre of the revolve on request.

Technical Specifications

Segment construction	40x40x3mm, & 40x20x2.5mm mild steel box section segments. 6mm laser cut track plate, on spider segments. 150mm cast hub polyurethane wheels Internal driven Slew ring
Finished Diameter	1950mm – 4575mm - 6000mm allow +/- 5mm tolerance
Overall Finished Height	305mm, allow + 2 mm tolerance
Top cladding	18mm Far eastern Ply
S.W.L.	Weight capacity when evenly distributed over 6m unit 2 Tonnes (single layer 18mm ply) 3 Tonnes (double clad with 18mm ply therefore + 18mm to overall height)
Revolutions per minute	min 0.1 to 3 max
On revolve power (optional)	Mercotac slip ring, providing 32amp 3 pin connection
CAD Drawings	Supplied upon request.
Overall weight (4575mm)	1292kg (single cladding)

Control

Pedestal Operated (Standard) Stop /Start/Speed/E-stop/ allowing programmable 3 position stop

Laptop computer (Optional) Includes revolve interface & operating software, allowing complete show programming. Multi position, speed & cue's.

Control lead options 10M, 20M or 30M

Electrical Requirement 32Amp 3 phase Cee-form connector, run from an Isolated supply which must not have RCD Breakers.