

### **30m revolve**

The largest non-permanent installed revolve in the world.  
It comes in *kit form* and can be built quickly and simply.  
Rotation in both directions is controlled from a simple hand piece.  
Accurate positioning via Automation Platform to allow repeatable performances.  
Access on platform center to allow for a 32A 3p power feed and DMX feed.

### **Dimensions**

Height	500mm finished height when skinned with 22mm heavy duty ply		
Diameter	6.6m	11m	15.4m
	19.8m	24.2m	30m

Other custom sizes can be arranged at an additional cost.

Weight drive unit – 700kg

### **Tech details**

#### **Weight loading**

Total distributed load for 30m size is 55000kg  
Point load of 300kg/m<sup>2</sup>  
Higher UDL's and higher point loadings of around 1000kg/m<sup>2</sup> achieved by double skinning. Please discuss with automation dept.

#### **Rotation**

Smaller sizes unloaded can be driven to 0.8 revolutions per minute (RPM)  
Fully loaded or at 30m are capable of 0.4RPM  
When fully loaded time is needed as the unit builds up to programmed speed

#### **Variations**

For consistent, accurate positioning the Automation Platform is required.  
This allows programming of all other functions such as ramp up (time to get to speed) speed, direction and ramp down. This is a chargeable item.

#### **Requirements**

63A 3phase + Neutral Power with a free flowing earth.  
Motor draws ~8A 3Phase (63A Plug)  
Central Slip Ring can be fed off this 63A feed.

Should be ok to share a distro (Wouldn't recommend sharing with Audio / Video, but Lighting and General is fine...)  
Forklift for unloading and build  
Space for 40' container – parking unloading and loading  
7m clear at end of container for maneuvering forklift and build units.