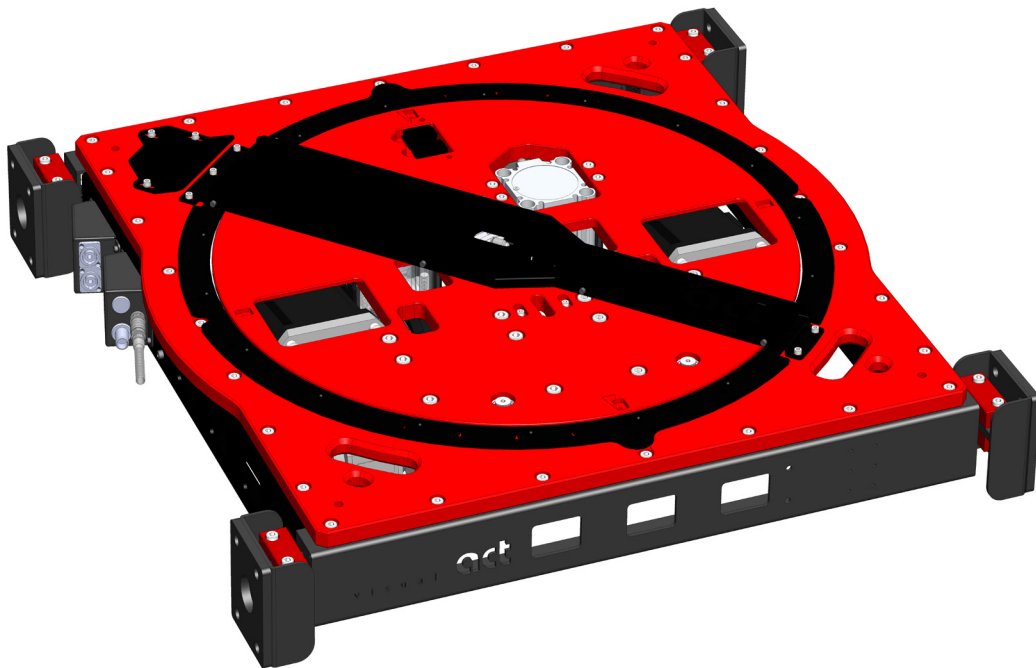


Drive Unit DUB 3000 series

The patented design of the Visual act drive unit allows the drive wheel to rotate without damage to any floor, including canvas or dance floors. This in a package that can be built into a wagon with a height of only 200 mm.

The Visual act DUB 3000 series of drive units is designed for the heavy loads of large stage wagons. A single drive unit can move loads up to 5000 kg. A wagon with 10 drive units can move 50 tons!



Features

- Built in pneumatic cylinders for maintaining floor pressure and for lifting drive wheels from the floor
- Rotation at standstill without damage to the stage floor
- An absolute encoder for superior accuracy and repeatability
- True synchronous servo motors for dynamic positioning
- Visual act's new distributed architecture: Servo amplifiers built directly into the drive unit reduce the number of components and simplify cabling
- The drive unit can be built into 200 mm wagons.

Model number

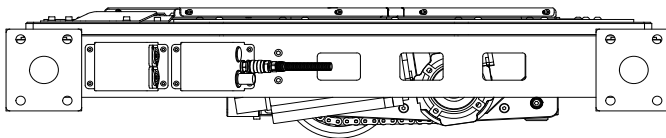
W - DUB30 - 01 - X									
Drive Unit	Options								
DUB30									
	<table border="1"> <thead> <tr> <th>Speed*</th> <th>Required wheel pressure for max load</th> </tr> </thead> <tbody> <tr> <td>01 = 1 m/s - HC* 2500 kg</td> <td>200 kg</td> </tr> <tr> <td>07 = 0.75 m/s - HC* 3300 kg</td> <td>300 kg</td> </tr> <tr> <td>05 = 0.5 m/s - HC* 5000 kg</td> <td>400 kg</td> </tr> </tbody> </table>	Speed*	Required wheel pressure for max load	01 = 1 m/s - HC* 2500 kg	200 kg	07 = 0.75 m/s - HC* 3300 kg	300 kg	05 = 0.5 m/s - HC* 5000 kg	400 kg
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* Horizontal Capacity (HC) will depend on the pressure of the wheel against the floor, the condition of the floor and the rolling friction of passive wheels or air casters. The weight of the drive unit and other wagon components must be included in the load to be moved.

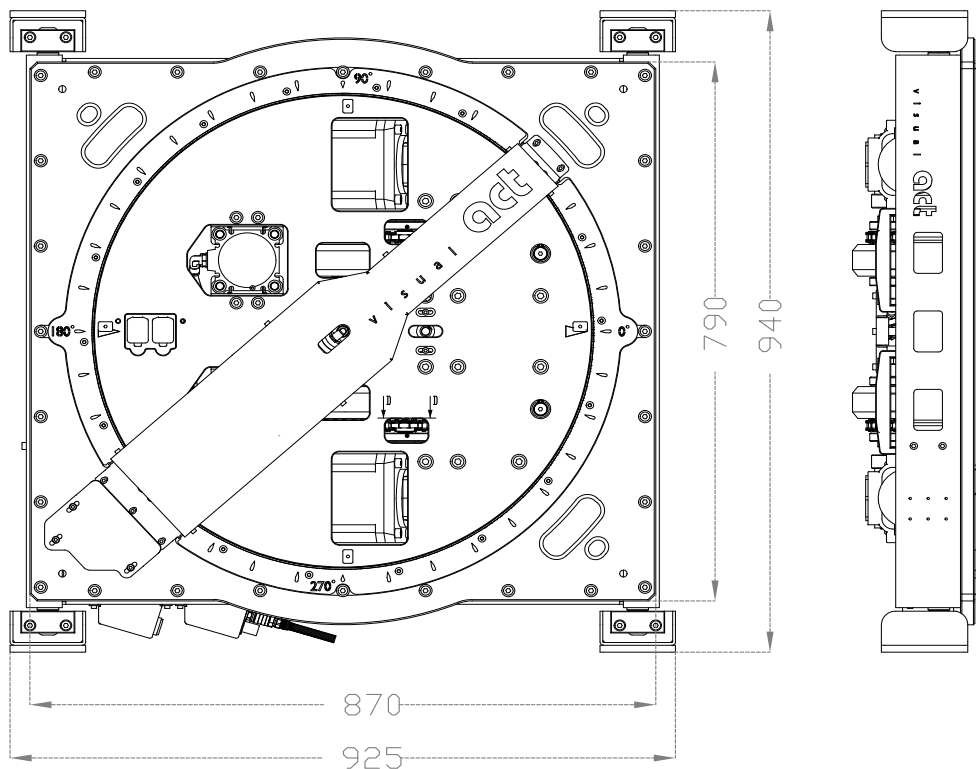
Dimension drawing

Specifications

- Maximum vertical load 900 kg
- Speed 0-1.0 m/s
- Height 178 mm with extra 10 mm required for cable bridge
- Weight 120 kg
- Power 1500 W
- Motor type Synchronous servo
- Drive wheel Diameter 154 mm
- Shore hardness 92
- Connections 2 x power, 1 x signal in, 1 x signal out, 1 x pneumatic
- Wheel pressure on floor adjustable from 150 kg/ to 450 kg/ wheel
(5000 kg load requires 400 kg/ wheel)



Build in height 178mm + 10mm
cutout in cover for cable bridge



The information provided in this document is intended for informational purposes only and is subject to change without notice. Information may be changed or updated without notice. Visual act AB may also make improvements and/or changes in the products, described in this information at any time without notice.

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