

# **Specification Data**

Positioners
Capacity: 500kg
Fixed Height

### LPE0.5-WD

**Harbach Positioning** Positioner Model LPE0.5-WD Series is designed to give maximum positioning flexibility by using the tilt and rotation of the table to manipulate the work piece into the correct 'down hand' position for welding or to position accurately for assembly and manufacturing requirements. The table is machined with four radial slots for anchor bolts and centric marking on the surface table, a set of tapered bearing mounted below the table to give a smooth and constant turning during operation. Driven by a DC motor with variable speed, controlled by a standard control pendant with low voltage push button and potentiometer with a 3-meter control cable built in. Tilt movement is electrically powered driven by 500W DC motor with dynamic braking through reducer gearbox. Built in with 300amps rotary clamp to ensure good earthing to the welding power source.

Table diameter 620mm.



## **Specifications**

Model: LPE0.5-WD

Pendant Control: 24VDC circuit, push button with 3-meter cable

Input voltage: 220V/1phase/50Hz (specify voltage requirement when ordering)

Rotation Capacity: 500kg at 300mm

Rotation Speed: 0 to 2 rpm

Tilting Capacity: 500kg at 300mm c of g

Tilt Range: 0 to 135 Degrees

**Tilt Speed:** 135 degrees in 64 seconds **Rotation Drive Motor:** 500W motor **Rotation Drive Control:** DC motor card

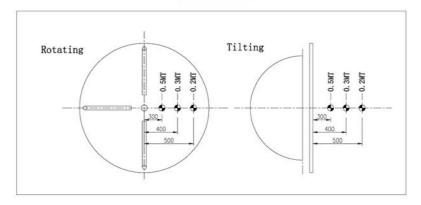
Tilt Drive Motor: 500W DC Estimate weight: 360kg

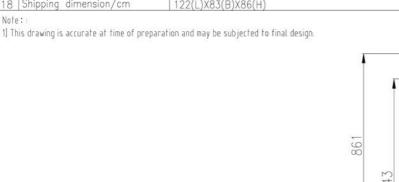
LPE0.5-WD (500kg)

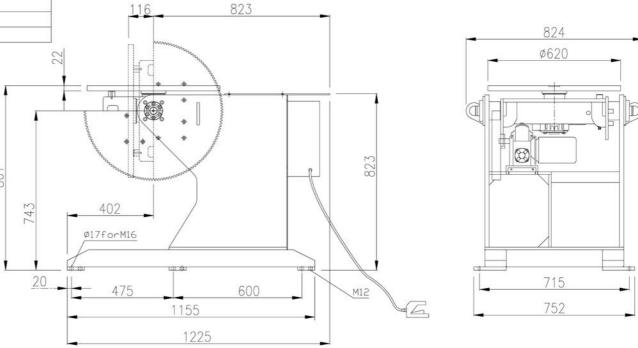
Phone: 281-440-1725 Fax: 281-440-1724

#### Specification for Positioner Model LPE0.5-WD Capacity (Turning) 500kg@300mm(Please refer to load chart) 500kg@300mm(Please refer to load chart) Capacity (Tilting) Electrical Panel Yes Rotation Speed/power 0-2rpm at 0-90V /DC 500W Tilt Range/power 0-135° in 64sec/DC 500W Incoming Supply 220V-1P-50HZ Control Voltage 24VDC Rotation Drive Control DC Motor Card Foot Switch (Toggle Type) c/w 3m Cable 10 Control Means 11 Talole Size Ø620X22t C/W 4X slot(18) 12 Earthing 300A 13 Surface Preparation Gritblast to SA2.5 14 Painting Powder Coating 15 Color RAL 3003 RED & RAL 9005 BLACK FOR TILTING BOX AND TABLE 16 Qty 17 Est Weight(kg) 465 18 Shipping dimension/cm 122(L)X83(B)X86(H)

#### LOAD CHART









All dimensions in mm unless otherwise specified. REV DATE DESCRIPTION EDIT BY REMARKS SCALE: N.T.S. CHECKED BY: DRAWN BY CUSTOMER: DRAWING NAME: 500kg Positioner DRAWING NO.: REVISION: THE ORIGINAL AND ALL COPIES OF THIS DOCUMENT TOGETHER WITH THE COPYRIGHT THEREOF ARE THE SOLE PROPERTY OF HARBACH MARKETING, INC. DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT SHEET 29-11-2010