**Specifications**

**Model:** PE20-2.2C-WE-E

**Pendant Control:** 24VAC circuit, push button with 6 meter cable

**Input voltage:** 380-415V/3phase/50-60Hz (specify voltage requirement when ordering)

**Rotation Capacity:** 20 metric tons at 300mm

**Rotation Speed:** 0.05 to 0.5 rpm

**Tilting Capacity:** 20 metric tons at 300mm c of g

**Tilt Range:** 0 to 135 Degrees

**Tilt Speed:** 135 degrees in 150 seconds

**Rotation Drive Motor:** 1 x 9.2 KW motor

**Rotation Drive Control:** 11 KW AC inverter

**Tilt Drive Motor:** 1 x 9.2KW motor c/w brake

**Estimate weight:** 10000kg

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**Harbach Positioning** Positioner Model PE20-2.2C-WE-E 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. AC motor driven, and controlled by an AC inverter system. A variable speed controlled by a standard control pendant with low voltage push button and potentiometer with a 6-meter control cable built in. Tilt movement is electrically powered driven by 9.2KW AC motor with dynamic braking through reducer gearbox. Built in with 800amps rotary clamp to ensure good earthing to the welding power source.

Table diameter 2200mm or as specified by the customer.
Specifications for Positioner

1. Model: PE20-2.2C-WE-E
2. Capacity: 20 Metric Ton
3. Table Size: Dia. 2200mm
4. Rotation Speed: 0.05=0.5rpm running at 5-50Hz
5. Tilt Speed: 0-135° in 15s running at 50Hz
6. Tilt Range: 0° ~ 135°
7. Electrical Panel: Yes
8. Slots: 4x Through Slots
9. Incoming Supply: 380/400/415V-3P-50Hz or 440/460/480V-3P-60Hz
10. Control Voltage: 24Vac
11. Rotation Drive Control: 11kW AC Inverter
12. Rotation Drive: 9.2kW AC Motor cw Force Cooling Fan
13. Tilt Drive Control: N.A.
14. Tilt Drive: 9.2kW AC Motor cw Brake
15. Control Means: Via Push Button Pendant c/w 6m Cable
16. Surface Preparation: Gritblast to SIA2.5
17. Painting: Lead free, 2 Coats Zinc Phosphates, 1 Coat Polyurethane
18. Colour: RAL3003 Red & RAL8005 Black for tilting box and table
19. Qty: 1 Unit
20. Weight: ~10000kg

Notas:
1. Input terminals are wired for 400V by default.
2. This drawing is accurate at the time of preparation and maybe subjected to final design change.