

# HT Series

## Skyhook Positioners



The Skyhook series Positioner provides 2-axis motion, continuous rotation, and  $\pm 180^\circ$  tilt from the horizontal table position. This configuration of Positioner can also be made in a Geared Elevation version with a third powered axis for elevation. The worktable's surface can be specified at varying distances below the tilt axis, as well as specifying swing radius clearances from the table's rotation axis to the nearest obstruction.

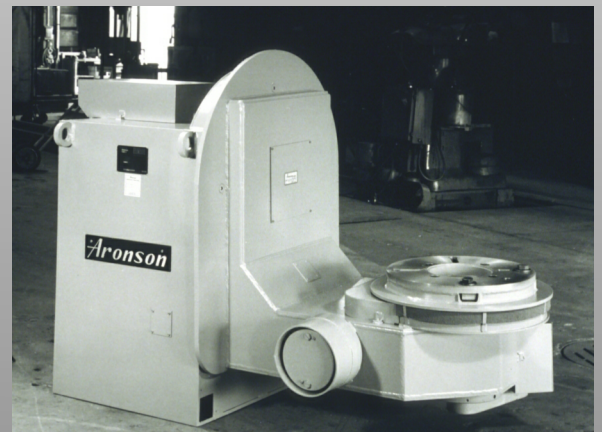
Due to the configuration of these models, it is necessary to consult the factory for sizing and capacity requirements. The counter balancing effect of the cantilevered hanger precludes pre-calculated load capacity charts. Since applications require differing hanger lengths and the tables "dropped" distance below the tilt axis, the counterbalancing effect will vary greatly.

The load, center of gravity location, and swing clearance will be required to assist the factory in the selection of the correct model.

**Designed around customer loads  
and specifications**

### Features

- **AC Variable speed drives and motors**
- **Optional Servo Drives**
- **Powered  $\pm 180^\circ$  tilt**
- **Optional geared elevation models available**
- **Robotic versions**



**Hand pendant provided with  
standard models**

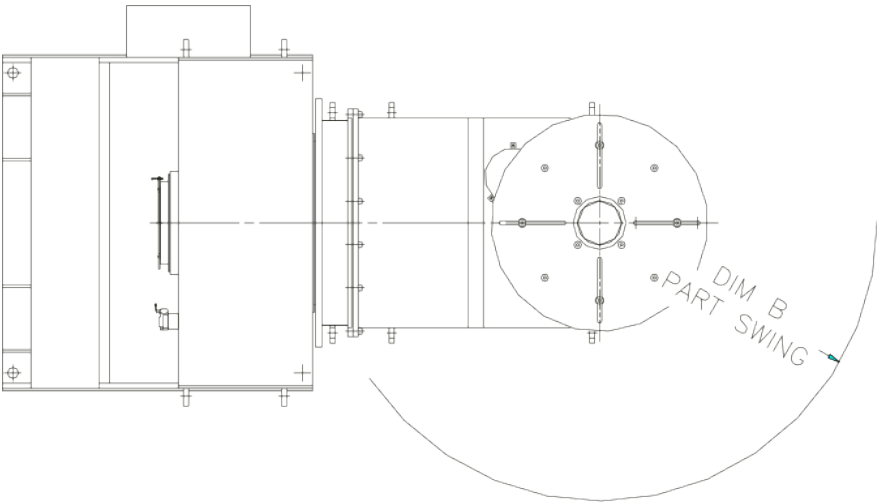


**KOIKE ARONSON, INC. / RANSOME**

# Specifications

## Skyhook Requirements

### Minimum requirements to size a Skyhook Positioner



Enter in your minimum requirements in the chart below.

	DIMENSIONS
TOTAL LOAD INCLUDE FIXTURE AND PART	
DIM 'A' FIXED TILT CENTERLINE HEIGHT	
IF ELEVATION IS REQUIRED	
MIN TILT CL HEIGHT	
MAX. TILT CL HEIGHT	
DIM 'B' PART ROTATION SWING RADIUS	
DIM 'C' TABLE DROP	
DIM 'D' TILT OVERHUNG LOAD	
DIM 'E' ROTATION OFF CENTER LOAD	
DIM 'F' TILT SWING RADIUS	
DIM 'G' TABLE DIAMETER	

