

# HT Series

## Gear Driven (DCG) Drop Center Gravity Positioners



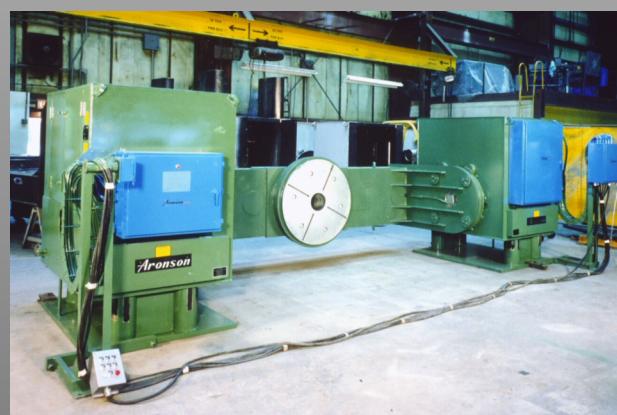
The DCG series Positioner provides 2-axis motion, continuous rotation, and  $\pm 180^\circ$  tilt from the horizontal table position. This configuration of Positioner can also be made in a Geared Elevation version with a third powered axis for elevation. The worktable's surface can be specified at varying 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.

### Features

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



**Designed around customer loads and specifications**

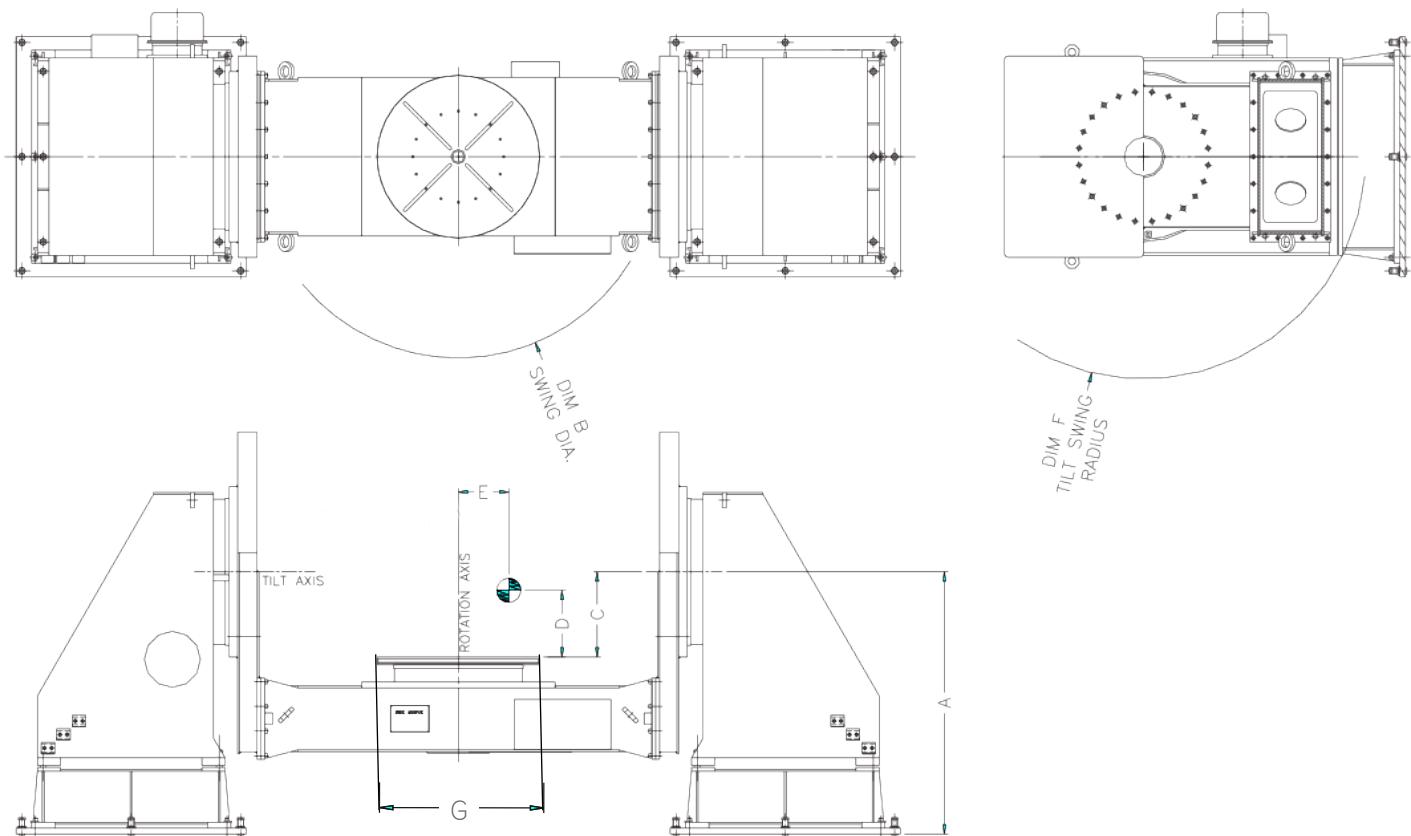


KOIKE ARONSON, INC. / RANSOME

# Specifications

## DCG Requirements

### Minimum requirements to size a Drop-Center 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	