

COMMON RESOLUTION

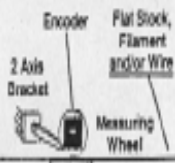
HIGH RESOLUTION

HIGHER RESOLUTION

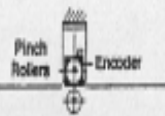
### LINEAR MEASUREMENT



60" Circumference  
Capstan Drum  
600 PPR — Resolution 0.1"

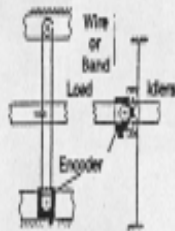


12" Circumference  
Measuring Wheel  
600 PPR — Resolution 0.020"

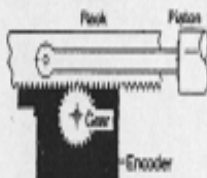


With 10:1 Worm on the Pinch Roller,  
Encoder at Right Angle —  
600 PPR — Resolution 0.001"

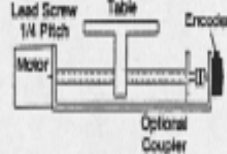
### LINEAR POSITIONING



3.1831" Diam. Pulleys  
Measuring Pulley, Etc.  
1000 PPR — Resolution 0.010"



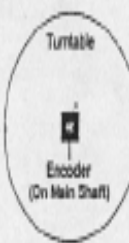
2" Per Turn (Effective)  
Circumference Gear  
1000 PPR — Resolution 0.002"



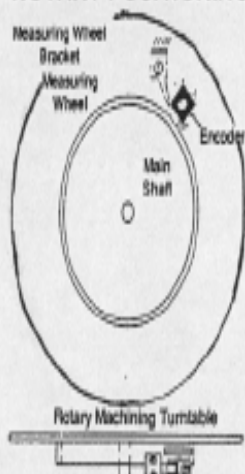
Lead Screw — Single Axis  
1/4 Pitch — (Effective)  
1000 PPR — Resolution 0.00025"

### ROTARY POSITIONING

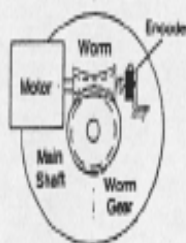
Bottom Views



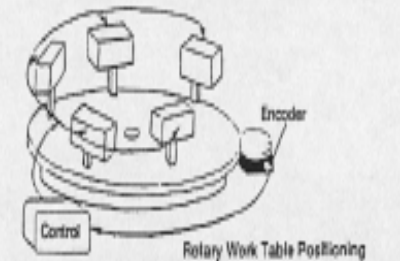
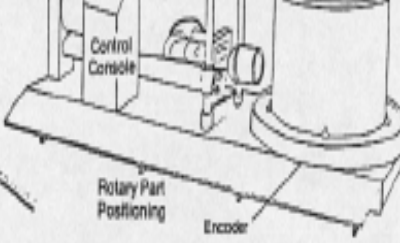
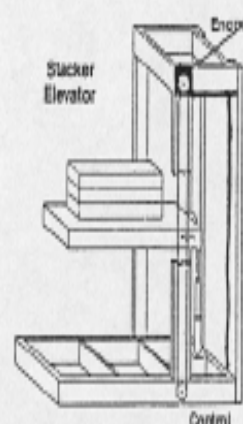
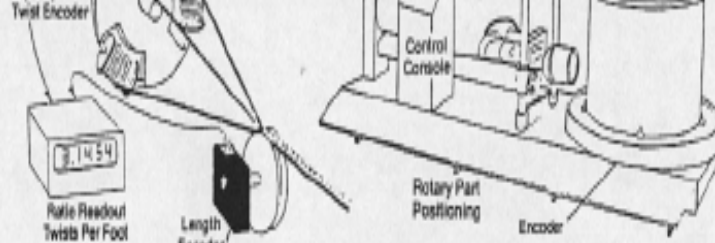
360 PPR  
Resolution 1 Degree



60" Circumference Measuring Diam.  
10" Circ. Measuring Wheel  
360 PPR — Resolution 10 Arc Minutes



30:1 Worm/Worm Gear  
360 PPR  
Resolution 2 Arc Minutes



For encoder application assistance, Hercules engineers are ready to help you select the correct model for your requirements and provide installation recommendations. Hercules engineers have years of experience in matching encoders with PLCs, count and rate/ratio controls, tachometers/ratemeters and they truly understand industrial equipment.

Call 920261-2995 for encoder application assistance.

