



# PD50 - AUTO LENGTH STOP

*AUTOMATIC GAUGE SOLUTIONS*

The Kentucky Gauge PD50 allows you to improve cut accuracy, eliminate mistakes and increase part yield. Equipped with a rack and pinion drive and a high-accuracy, non-contact linear encoder, the PD50 is built to last and ready for integration with any new or existing production and fabrication equipment. Eliminate setting manual stops and setup time completely with the PD50 automatic length stop gauge.



**2-YEAR WARRANTY**

## Key Features

- Programmable position controller with free-standing control stand
- Non-contact linear encoder for direct and precise measuring
- DC servo motor with integrated brake
- Precision rack and pinion drive
- Maintenance-free stainless steel bearings
- Available in any length - *No limitations*
- Hinged arm lift for material pass through
- Linear error compensation - 100 points
- Left or right side mounting
- Customized to fit application requirements

## Specifications

Resolution	0.001", 0.01mm
Encoder accuracy	± 0.0005"
PD50 repeat-accuracy	0.001" / 0.01mm
Travel speed	up to 20"/sec standard
Program memory	3000 lines
Arm length	36", adjustable
Steel faceplate	3" x 4" standard
Power supply	110 VAC, 15 amp
Total length	+18"
Measuring range	Unlimited

Specifications subject to change

**INDUSTRY-BEST 2-YEAR WARRANTY**

**MADE IN THE USA**



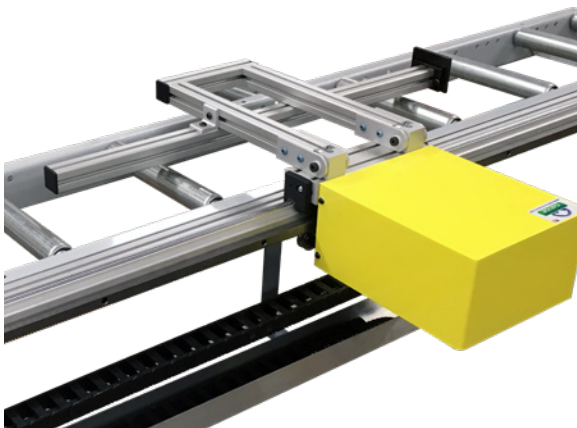
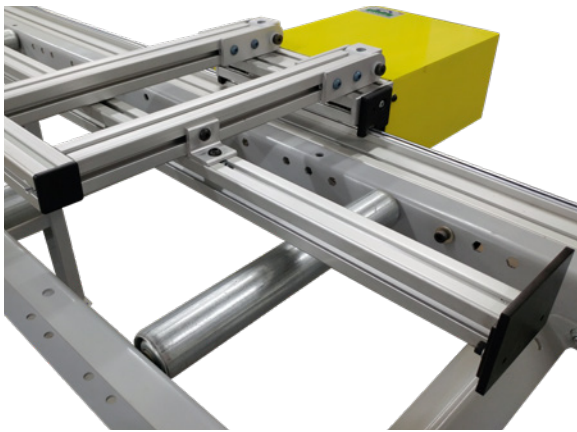
# PD50 - AUTO LENGTH STOP

*AUTOMATIC GAUGE SOLUTIONS*

## Programmable Length Stop System

### Options

- LCD Controller with fractional display and bar code scanning capabilities
- PC communication software for downloading programs to controller
- Pneumatic arm lift for material pass through
- Steel-framed roller conveyor, rolled steel flat tables, mar-free tables available
- Bar code scanner
- Customized to fit application requirements



### Roller Conveyor - Series RC (optional)

- Powder painted 10ga steel framed conveyor
- Galvanized steel 1.9" diameter rollers
- Stands with height adjustment from 27-39"

### Conveyor Options

- PVC rollers
- Material fence
- Galvanized steel inserts between rollers
- Stands with height adjustment up to 49"
- Various roller sizes and spacing to fit application requirements

### Steel Flat Table - Series RF (optional)

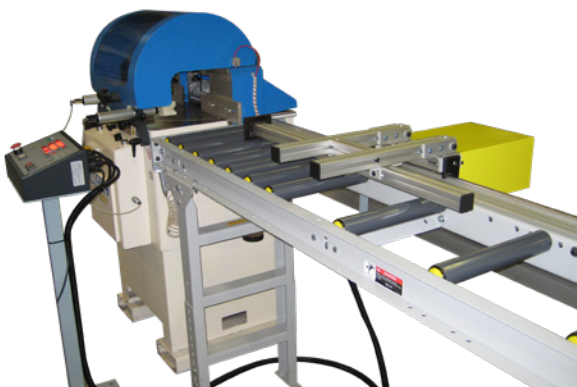
- Powder painted 10ga steel
- Stands with height adjustment from 27-39"

### Mar-Free Flat Table - Series RP (optional)

- Polypropylene table top integrated into aluminum frame to provide a mar-free working surface
- Stands with height adjustment from 27-39"

### Table options

- Stands with height adjustment up to 49"





# PD100 - AUTO STOP/PUSHER

*AUTOMATIC GAUGE SOLUTIONS*

The Kentucky Gauge PD100 saves time and money with quick and precise positioning. Equipped with a DC servo motor, a precision rack and pinion drive and a high-accuracy, non-contact linear encoder, the PD100 ensures the industry's most rugged, long lasting and accurate automatic gauging solution is ready for integration with any new or existing cutting, drilling, punching, shearing, bending or welding application.



**2-YEAR WARRANTY**

## Key Features

- Programmable position controller with free-standing control stand
- Non-contact linear encoder for direct and precise measuring
- DC servo motor with integrated brake
- Precision rack and pinion drive
- Available in any length - *No limitations*
- Hinged arm lift for material pass through
- Linear error compensation - 100 points
- Input and output signals for full or semi-auto operation in conjunction with machinery
- Left or right side mounting
- Customized to fit application requirements

## Specifications

Resolution	0.001", 0.01mm
Encoder accuracy	± 0.0005"
PD100 repeat-accuracy	0.001" / 0.01mm
Travel speed	20"/sec standard
Program memory	3000 lines
Arm length	36", adjustable
Steel faceplate	3" x 5" standard
Power supply	110 VAC, 15 amp
Total length	+24"
Measuring range	Unlimited

Specifications subject to change

**INDUSTRY-BEST 2-YEAR WARRANTY**

**MADE IN THE USA**



# PD100 - AUTO STOP/PUSHER

*AUTOMATIC GAUGE SOLUTIONS*

## Heavy Duty Stop and Pusher System

### Options

- LCD Controller with fractional display and bar code scanning capabilities
- Material Gripper - pneumatic or mechanical
- Shock absorber arm
- PC communication software for downloading programs to controller
- Pneumatic arm lift for material pass through
- Photo eye sensor for material recognition and process initiation
- Pneumatic brake for extra holding power
- High torque motors to fit application size
- Customized to fit application requirements

### Roller Conveyor - Series RC (optional)

- Powder painted 10ga steel framed conveyor
- Galvanized steel 1.9" diameter rollers
- Stands with height adjustment from 27-39"

### Conveyor Options

- PVC rollers
- Material fence
- Galvanized steel inserts between rollers
- Stands with height adjustment up to 49"
- Various roller sizes and spacing to fit application requirements

### Steel Flat Table - Series RF (optional)

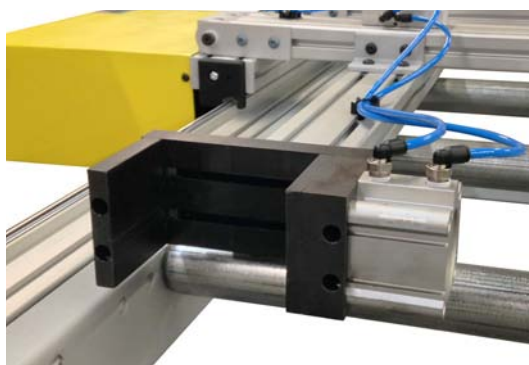
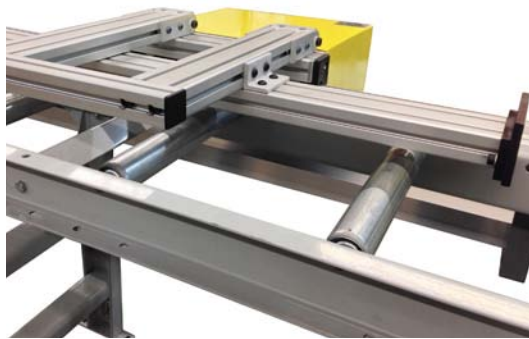
- Powder painted 10ga steel
- Stands with height adjustment from 27-39"

### Mar-Free Flat Table - Series RP (optional)

- Polypropylene table top integrated into aluminum frame to provide a mar-free working surface
- Stands with height adjustment from 27-39"

### Table options

- Stands with height adjustment up to 49"

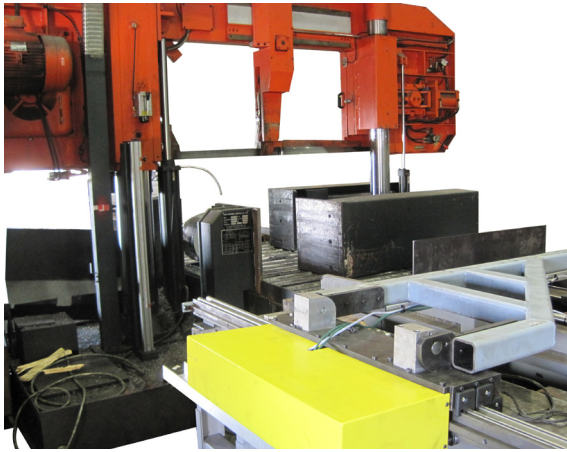


# PD1000

## Super Heavy Duty Automatic Stop



PD1000 with band saw



PD1000 with powered conveyor



PD1000 with pneumatic arm lift / lower



PS312 Controller with stand



### STANDARD FEATURES

- Precision linear steel guide rails with rack and cable trays
- Easy retrofit to existing or selected conveyors and tables
- Carriage with hardened double ball bearings
- Magnetic linear encoder for direct measuring
- Steel faceplate oversized for multiple piece handling with manual arm lift
- Position controller for single position with manual mode, inch/ metric conversion and automatic arm retract
- Linear error compensation, 100 points
- Control stand (free standing)
- Pneumatic double Auto-brake system for maximum holding force
- Left or right side mounting

### GENERAL SPECIFICATIONS

- Travel speed: 12in/sec, others available upon request
- Repeatability: +/- 0.001in (+/- 0.03mm)
- Encoder accuracy: +/- 0.001in/ft (+/- 0.1mm/m)
- Total length: measuring length + 45in
- Brake force: 15,000N with pneumatic brake

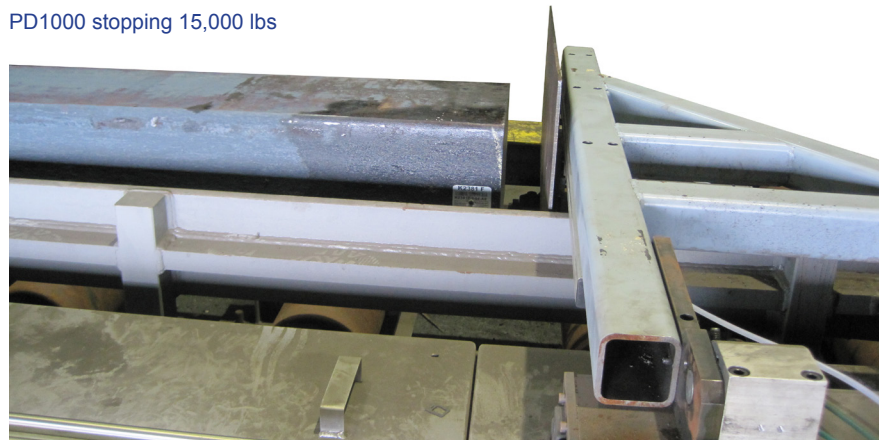
### STOP OPTIONS

- Stop arm with integrated stroke stop system to slow down and stop driven conveyor system
- Pneumatic arm lift and lower
- Pneumatic retract and shock absorber
- 3,000 line program memory and outputs for full automatic operation
- RS232 interface with TS312 communicate software for PC

### CONVEYOR OPTIONS

- See sales associate for more details.

PD1000 stopping 15,000 lbs



2 year warranty

customized versions available upon request