



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



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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"

