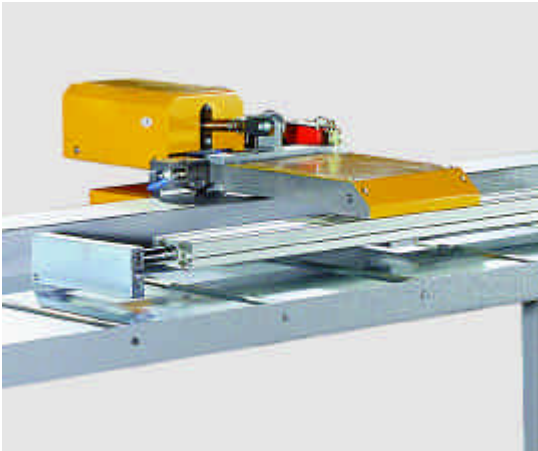


PDE - HEAVY DUTY RACK & PINION SYSTEM

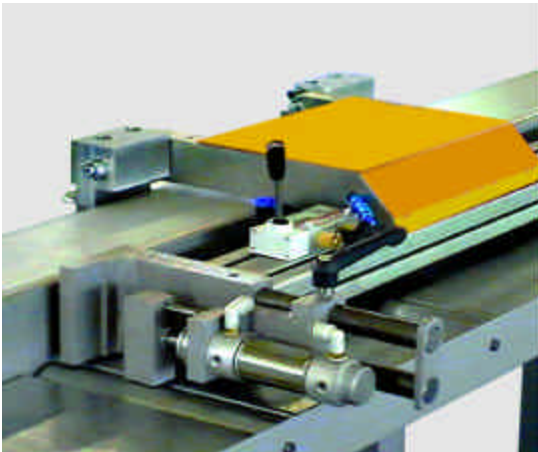
Automatic Stop or Pusher



PDE stop with RC conveyor & metal inserts



PDE pneumatic gripper



PS312 controller with stand



STANDARD FEATURES

- Steel guide with precision rack & pinion with metal extrusion and cable tray and T-nut slots for easy retrofit on existing conveyors or tables
- Pneumatic brake system
- Carriage with hardened double ball bearings
- Linear encoder for direct measuring
- Adjustable spring shock absorber arm with manual lift/lower and height adjustable steel face plate
- Position controller for single position with quantity counter, manual mode, inch/metric conversion and automatic arm retract
- Left or right side mounting

GENERAL SPECIFICATIONS

- Repeatability: +/- 0.001in (+/- 0.03mm)
- Encoder accuracy: +/- 0.001in/ft (+/- 0.1mm/m)
- Travel speed: up to 24in/sec (stop) or 12in/sec (pusher)
- Measuring length: standard up to 65ft, others on request
- Total length: measuring length + 26in
- Brake force: 4,000N

STOP OPTIONS

- Pneumatic arm lift and lower
- 3,000 line program memory and outputs for fully automatic operation
- RS232 interface with TS312 communication software for PC
- End limit switches
- Control stand (free standing)

PUSHER SPECIFICATIONS

- Max. material weight: up to 440lbs, higher on request
- Travel speed: 12in/sec, higher on request
- Brake force: 4,000N

PUSHER OPTIONS

- Push feed carriage
- Customized pneumatic gripper
- 3,000 line program memory and outputs for fully automatic operation
- RS232 interface with TS312 communication software for PC
- Pusher software with trim-cut-teach and parking position
- End limit switches
- Control stand (free standing)

ROLLER CONVEYORS SERIES RC AND RH

- Open conveyor, steel construction with metal rollers
- Stands with flexible height adjustment from 27-3/8" to 39-3/8"
- Capacity: 135lbs/ft (RC) or 620lbs/ft (RH)
- Width between rail: 13/15/19 inch standard, others on request
- Plastic rollers and metal safety inserts available upon request

FLAT TABLE SERIES RF

- Solid steel top with 135lbs/ft capacity
- Stands with flexible height adjustment from 27-3/4" to 39-3/4"
- Overall width: 12/16/22 inch standard, others on request