



PD1000 - SUPER HEAVY DUTY RACK & PINION SYSTEM

Automatic Stop or Pusher

STANDARD FEATURES

- Steel guide with precision rack & pinion
- Pneumatic brake system
- Carriage with hardened double ball bearings
- Linear encoder for direct measuring
- Steel arm with faceplate
- Position controller for single position with quantity counter, manual mode, inch/metric conversion and automatic gauge 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 12in/sec (stop) or 8in/sec (pusher)
- Measuring length: standard up to 65ft, others on request
- Total length: measuring length + 32in
- Brake force: 10,000N

STOP OPTIONS

- Pneumatic arm lift and lower
- Stop arm with integrated stroke stop system to slow down and stop driven conveyor system
- 3,000 line program memory and outputs for fully automatic operation
- RS232 interface with TS312 communication software for PC
- Control stand (free standing)

PUSHER SPECIFICATIONS

- Max. material weight: up to 2,000lbs, higher on request
- Travel speed: 8in/sec, higher on request
- Brake force: 10,000N

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)

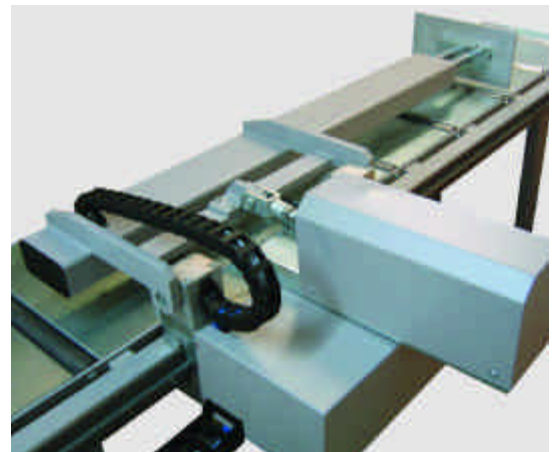
ROLLER CONVEYOR SERIES RD500

- Open conveyor, heavy steel construction with metal rollers
- Floor supports with height adjustment per application
- Roller capacity: 630lbs per roller
- Roller spacing: 3in, 4in, 6in, 8in or 12in spacing
- Roller width: 13in, 19in, 25in or 31in, others on request
- Roller diameter: 2.6in
- Metal safety inserts for 12in spacing available upon request
- Customized conveyors and powered systems available on request

PD1000 stop with RD500 conveyor & metal inserts



PD1000 stop carriage with pneumatic arm lift & lower



PD1000 stop arm in pneumatic lift position

