



REGULATED SYSTEMS, INC.
Industrial Automation Equipment

Since 1991

Automatic Part Feeders
Custom Machines
Handling Systems

Inspection Systems
Machine Tending Systems
Robotic Systems

SHAFT FEED SYSTEMS

9-4

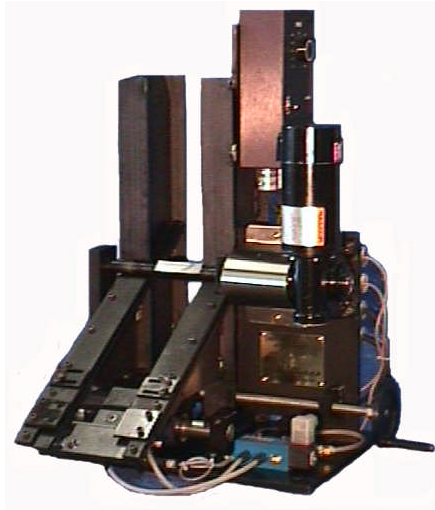


Hand Loaded Chamber Shown

SYSTEM FEATURES:

Shaft feeders are the solution for taking shafts that are already oriented in bulk and dispensing them automatically to the next Process.

The part chamber holds the bulk shafts (parts), An agitation or pocket wheel Allows a single shaft to be dispensed from the chamber area, The shafts are typically then accumulated single file into a gravity track area, and metered one at a time to the next operation or machine loading.



System Shown: Small Shaft Feeder with one side manually adjustable to accommodate a range of parts

Typical Parts Handled Include:

Straight Shafts with various diameters and lengths (Batch run).
Pipes, Tubes, and Axle Tubes with various diameters and lengths (Batch run).

Note: Tapered diameter parts will not feed in these systems.

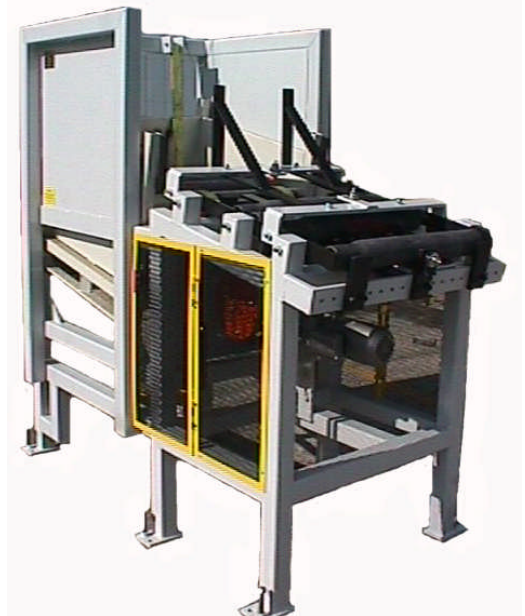
SYSTEM BENEFITS:

Allows increase production capacity
Cuts part production labor costs
Maintains part quality
Reduces costly manual labor
Reduced floor space
Storage provides continuous operation



System Shown: Shaft Feeder/Loader Unit.

Handles shaft from 10" to 24" long, and loads one at a time horizontally end to end thru a thread roll machine.



System Shown: Axle Tube Feeder. Feeds Axle Tubes from bulk bins one at a time for isolated pick-off into a Robotic Cell.