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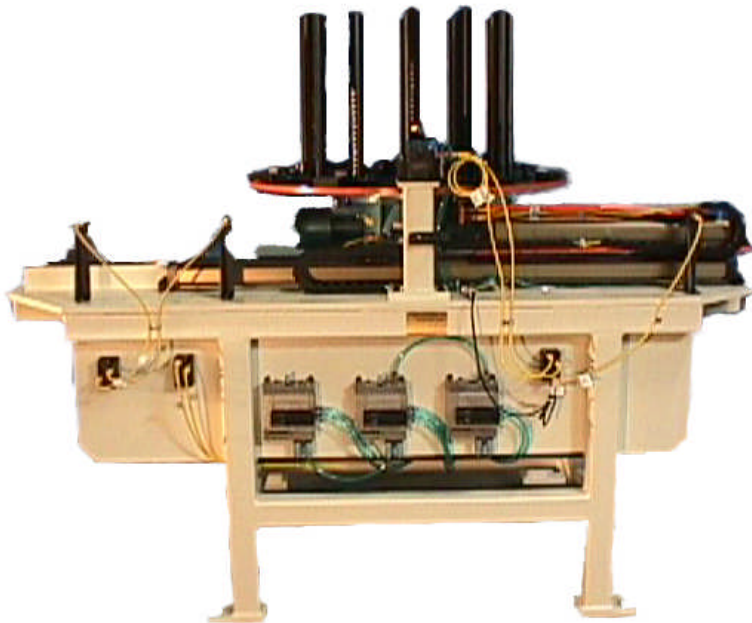
REGULATED SYSTEMS, INC.
Industrial Automation Equipment

Automatic Part Feeders
Custom Machines
Handling Systems

Inspection Systems
Machine Tending Systems
Robotic Systems

CARROUSEL FEEDER SYSTEMS

9-1



SYSTEM FEATURES:

Carousel Feeders are the solution when parts can't be bulk fed or handled.

Used for final assembly to automatically dispense parts and load stations.

Feed Tubes are manually loaded on the opposite side of automatic dispensing.

Feed tubes are open on outside to permit easy access to the parts during loading.

The Carousel automatically rotary indexes to the next feed tube when empty for continued automatic operation.

Typical Parts Handled Include:

Bearings, Bearing Cups, Connecting Rods, Dust Cover, Gears, Sprockets, Hubs, Impellers, Seal Rings, and Much More. Even parts that nest when stacked in feed tubes can be Carousel Fed.

SYSTEM SHOWN:

12 Station dial table with index drive

Part containment slide doors with opener at de-stack position

Dual position pump-up unit (De-stacker)

Dual stage part shuttle unit to load part at transfer line. First stage carries part to line and waits for load signal then advances second position to insert part.

SYSTEM BENEFITS:

Aids hazardous ergonomic considerations

Allows increased production capacity

Maintains part quality

Reduces costly manual labor

Reduced floor space requirements

Storage provides continued through put operation

Utilizes modern automation

OPTIONS AVAILABLE:

Dial index drive options include;

Indexer gearbox drive,

Servo programmable drive,

Pneumatic ratcheting drive with shot pin

Feed Tube Arrangements in 4, 6, 8, 12 and more Stations are available