

Applications

Agriculture

Portable Conveyor Drive
Cattle Gate Drive

Aerospace

Work Platform Positioning Units
Scissor Lifts
Portable equipment
Antenna Drive Systems
Mechanical Handling
Sand / Shot Blasting Table Drivers



Automotive

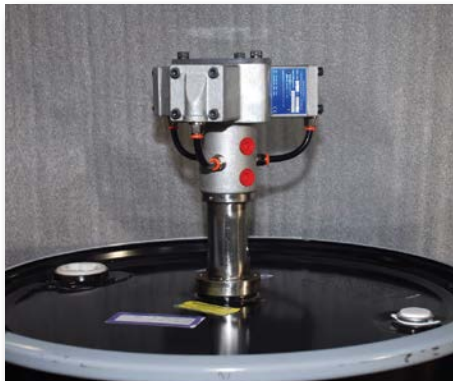
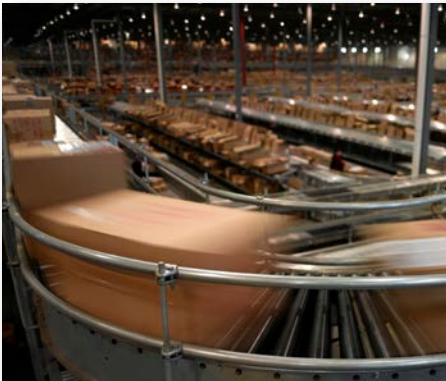
Paint Stirring
Assembly Line
Trolley Drive
Life Testing Components
Tyre Carousels Drive
Lube Pump Drive

Chemical Industry

Stirring
Agitation
Valve Modulation
Dispensing Machines
Volumetric Filling
Conveyor Drive
Indexing
Process Plant
Peristaltic Pump Drive
Dosing Plant Drive

Food

Small Conveyors
Agitative
Mixing
Rotating Tables
Labelling Machines
Brushing
Peristaltic Pump Drive
Modulating Valve Control Drive
Carton Filling Machines



Bucket Elevators
Cap Applications
Slow Feed - Fast Return Wrapping

General Engineering

High Pressure Water Jet
Life Testing Equipment
Conveyor Belt and Roller
Stirrers
Winding, Unwinding
Constant Reversal Applications

Machine Tool

Clamping
Capston Drive
Bar Feed Drive
Lead Screw Drive
Slow Speed Positional Drive
Sheet Steel Press Feeding & Tensioning System

Marine

Submerged Propeller Drive
Bow / Stern Servo Control Drive
Diesel Engine Speed Control (remote)
Boarding Ladder Control Drive
Windscreen Wiper Drive

Mechanical Handling

Conveyor Drive
Indexing Tables
Clamping
Scissor Lifts
Lead Screw Drive
Heavy Vehicle Drive
Chute Positioning
Stacking Machines
Un-stacking Machines
Nip Roller Drive
Heavy Trolley Drives (up to 30 tonnes)



Medical

- Auxiliary Drive running on Nitrogen
- Scanning Machine Drive
- Peristaltic Pump Gear Pump

Oil Industry

- Back Flush Filter Drive
- Valve Modulation
- Cable Winding / Unwinding
- Pipe Launching
- Pipe Welding Drive Systems

Packaging and Labelling

- Labelling Machine Conveyors
- Wind Up of Label Backing Strips
- Conveyor Drive
- Back Tensioning on Label Reels
- Clamping
- Staple Gun Positioning
- Filling Machines
- Carousel Drive
- Volume Adjustment
- Conveyors
- Cap Tightening
- Slow Feed - Fast Return Bagging

Paper and Printing Industry

- Solvent Pump Drive
- Ink Pump Drive
- Paper Mill Belt Cleaning in High Temperature
- Oscillating Drive
- Paper Reel Drive Roller
- Conveyor (Stop / Start)

Steel Industry

- Nip Roller Drive
- Modulating Drive for Steel Casting
- Spray Nozzle Drive
- Slow Rotation of Large Ingots
- Clamping / Positioning Large Ingots
- Ladle Pouring Controller Drive
- Conveyor Drives
- Heavy Trolley Drive

Textile

- Carpet Winding on Drums
- Dying Process Plant for Winding off
- Stenter Machines
- Webb Tracking Drives with
- Modulating Control
- Handling Equipment Drives

Unique Features of Huco Air Motors

Controllable Speed & Torque

Speed control can be adjusted to fine limits by the use of restrictors on the exhaust ports. The speed can be instantly changed to a higher or lower speed due to fast response times.

Instant Stop-Start

Dynatork motors can stop-start and drive under load with characteristics similar to a Stepping Motor.

Environmental Benefits

Energy Saving

Air consumption of piston motor is positive as leakage is negligible giving maximum torque at minimum air consumption.

Quiet Operation

Dynatork air motors have very low noise levels when compared with standard air motors. They can operate in harsh environmental conditions and are unaffected by airline condensate.

Clean Environment

Dynatork Air Motors can be supplied for a non-lubricated gas supply in clean areas so eliminating contamination in a clean environment.



Max Torque at Start

Floating pistons transmit the maximum torque at start which can be adjusted by the use of a pressure regulator.

Reversing

The reversing of the Dynatork Air Motors is achieved by using 5 port control valves, giving near instant response even under load.

Programmed Control

Dynatork air motors can be fitted with sensors to enable programmed control by pulse counters to control rotation direction, speed and number of revolutions.

High Torque Output

Torques up to 4,865 lb.in. achievable using reduction gearboxes.

ATEX Approved available

Safe for use in hazardous areas

Corrosion Resistant

Ideal for the food and pharmaceutical industry. Can even be used fully submerged.