

Machine Control Safety

■ Pneumatic Fluid Power

■ Control Safety

■ Leak test

■ Low Fluid Handling

■ Ergonomic Solutions

Pneumatic controls for machine safety is a focus for Henry M. Wood Company. Our products can be applied to a large variety of machinery used in manufacturing. We have solutions for Lock Out/Tag Out requirements, control reliable valves for critical applications, two hand non-tie down controls, pilot operated check valves and many other safety applications.

Machine Air Supply

- Lockable shut off and exhaust valves to meet OSHA lock out/tag out requirements up to 3" NPT
- Combination soft start/lockable shut off valves
- Control Reliable valves for alternative lock out applications
- Complete air inlet panels with manual lockable shut off valve, filter, regulator, lubricator and solenoid valve for category 1, 2, 3 and 4 applications*

Two Hand Non-Tie Down Controls

- Pneumatic two hand non-tie down controls
- Electronic two hand non-tie down controls built to a variety of OSHA, ANSI, UL, CSA and CE standards

Critical Function Machine Control

- Control Reliable valves for alternative lock out applications requiring category 3 or category 4 control devices*
- Spool and poppet position monitored valves for category 2 applications*
- Mechanical Press clutch/brake control valves
- Pilot-operated check valves

**A proper Risk Assessment will determine what category control device is required. The end user of this equipment has the final responsibility for Risk Assessment:*

CATEGORY 1	<i>Uses standard well-tried industrial grade products with well-tried safety principles.</i>
CATEGORY 2	<i>Uses single channel monitored componets (monitored start up as determined by risk assessment). Checking performed at suitable intervals.</i>
CATEGORY 3	<i>Uses dual channel (redundant) system with periodic checking performed at or before the next demand for the safety function. Some single faults maybe be undetected and an accumulation of faults can lead to a loss of safety.</i>
CATEGORY 4	<i>Uses dual channel (redundant) system with checking performed constantly or at least before each demand for the safety function.</i>

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Pneumatic Fluid Power Machine Control Safety Leak Testing Low Pressure Fluid Handling Ergonomic Manufacturing					
				■ American Lifts	lift tables
				■ Anver Corporation	vacuum material handling equipment
■			■	Ark-Plas	miniature plastic fittings and tubing
■				Atlas	N.F.P.A., I.S.O., Mill, Welded, Electronically controlled cylinders
				■ Bal-Trol	air balancers, lift assists and drop stops
■				■ Burton Press Co., Inc.	small production presses
				■ CM Industrial Products	overhead light rail systems, hoists, hoist
			■	Colder Products Company	quick couplers and components for flexible tubing
				■ Drum Runner	drum handling equipment
■				Duramaster	N.F.P.A. interchangeable aluminum cylinders
■				Dynamco, Inc.	miniature valves, air logic components, and fittings
■				Exair	vortex tubes, air amplifiers & knives, cabinet
					coolers and static elimination equipment
		■		FasTest	quick connectors for leak test applications
■			■	Frelin Wade	flexible plastic tubing and accessories
■				Greenco	cable cylinders
				■ Industrial Feeding Systems	vibratory parts feeders, and accessories
■				LaMan	filtration systems for compressed gasses
■	■		■	Legris, Inc.	push to connect tube fittings, function valves and tubing
				■ Linear Assembly Systems	custom assembly systems & conveyors
				■ Magnetic Systems, Inc	magnets for separation, material handling and fixturing
■	■			■ Mead Fluid Dynamics	air valves, cylinders, production aids
■				Norgren	pneumatic actuators and accessories
■				■ OHMA Systems	welding and piercing cylinders
■			■	Pneumadyne	miniature pneumatic valves & fittings
■			■	Poly Conn	plastic fittings and tubing and accessories
				■ Positech/Conco	industrial manipulators and articulated jib cranes
■	■			Ross Controls	pneumatic valves, accessories and FRL's
■	■	■		Stewart Ergonomics	two-hand non-tie down controls, leak test instruments
				■ Visumatic	screw feeding and nut driving systems
			■	Z-Man Corporation	snap action pinch valves for large and small diameter tubing

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