

Air Circuit Ideas
Conserve Energy p|22

Hose Testing Ensures
Reliability and Longevity p|30

Prevent Rod Buckling
in Hydraulic Cylinders p|34

JOHN B. LACSON

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THE AUTHORITY ON FLUID POWER TECHNOLOGY AND ITS CONTROL

hydraulicspneumatics.com MARCH 2017

FILTERS HELP

MIX IT UP

p|28



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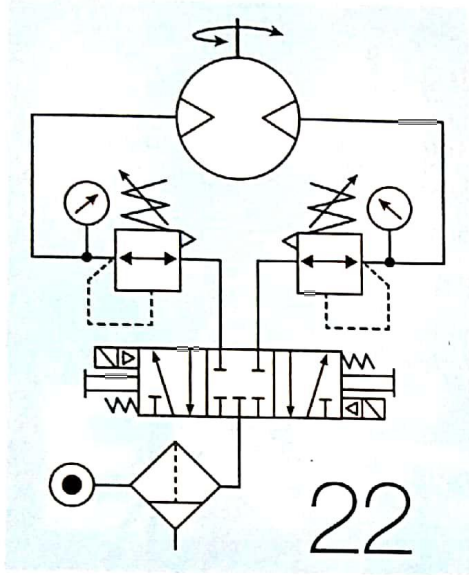


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Motion Control:
Transmission
Comparisons
P / 18

In This Issue

FEATURES

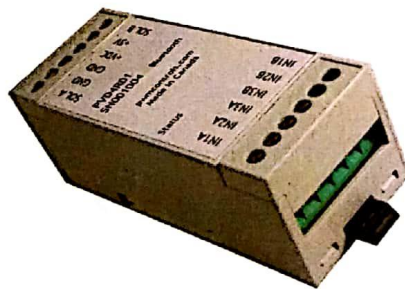
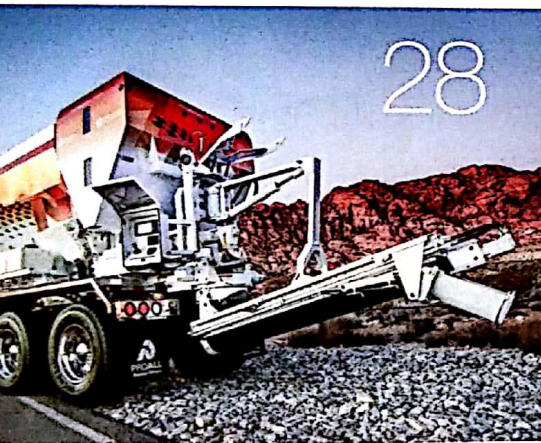


22 SIMPLE CIRCUITS PROVIDE BIG BENEFITS
Strategic use of valves and pressure regulators can improve machine efficiency without sacrificing productivity.

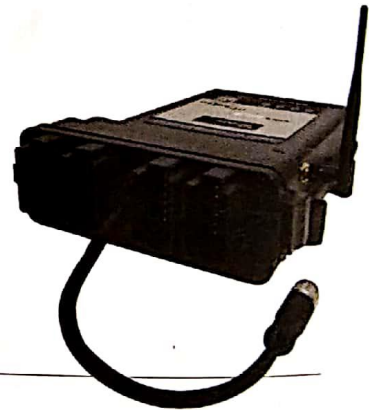
28 FLUID FILTRATION PROTECTS MOBILE CONCRETE MIXER'S HYDRAULIC CONTROL SYSTEM
High-pressure filters protect the sensitive electrohydraulic components in a mobile concrete mixer that delivers concrete compositions fresh to the job site.

30 GUIDELINES FOR CONDUCTING HOSE TESTING
Development engineers and technicians who push hose performance to the limit often conduct tests with hoses installed on original equipment designs. Here is a comprehensive summary of conditions that should be considered.

34 UNDERSTANDING BUCKLING STRENGTH OF HYDRAULIC CYLINDERS
Higher-strength steels not only reinforce hydraulic piston rods against dangerous failures, but yield economic benefits through component downsizing, reduced weight, and cost—without sacrificing safety.



38



DEPARTMENTS

- | | | | |
|-----------|------------------------------------|-----------|----------------------------------|
| 4 | ON HYDRAULICSPNEUMATICS.COM | 18 | MOTION CONTROL |
| 6 | EDITOR'S PAGE | 38 | USEFUL PRODUCTS |
| 10 | INDUSTRY NEWS | 39 | ADVERTISERS INDEX |
| 12 | IDEAS & APPLICATIONS | 40 | TROUBLESHOOTING CHALLENGE |



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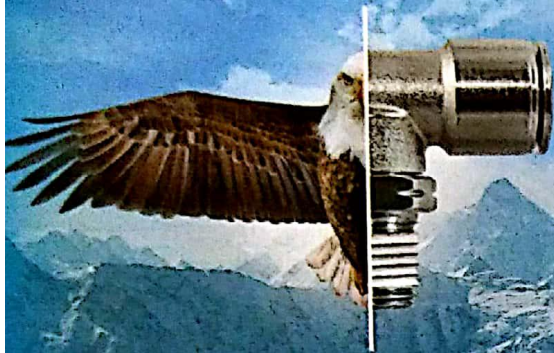


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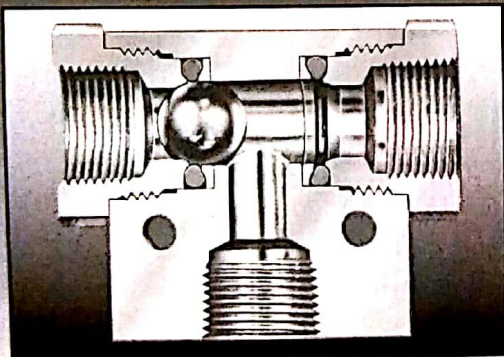
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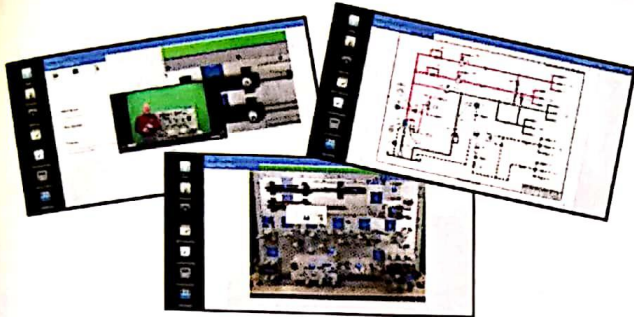
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ADSENS TECHNOLOGY.....	17	MOCAP LLC	33
AIRTAC INTERNATIONAL GROUP	17	O'KEEFE CONTROLS, INC.....	27
AUTOMATION DIRECT	5	OP SRL	16
CFC TRAINING INSTITUE.....	39	ORANGE RESEARCH INC.....	6
C.MATIC SRL.....	8	PHD INC.....	7
CERTAGS.....	20	ROTOR CLIP CO.....	11
CLIPPARD INSTRUMENT LAB INC.....	23	SC HYDRAULICS ENGINEERING CORP.....	39
DEMAC.....	19	SPECTRONICS CORP.....	15
EATON HYDRAULICS	9	THE LEE COMPANY	31
EURAL GNUTTI SPA.....	33	TOMPKINS INDUSTRIES INC.....	IFC,21
FLOW EZY FILTERS, INC.....	4	VELJAN HYDRAIR LTD.....	1
HYDRAULICS INC	31	VEST INC	3
IKUSI.....	13	ZERO-MAX, INC.....	26
ITT CONTROL TECHNOLOGIES	25		
KEPNER PRODUCTS CO.	8		

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