

# Cleaner Times

## CONTENTS

February 2005 VOL. 17 NO. 2



## COVER STORY

### 6 Are You Using All Your Tools?



Cover design by  
Chris Ragan

#### Publisher:

Charlene Yarbrough  
charlene@adpub.com

#### Editor:

Jim McMurry  
jim@adpub.com

#### Managing Editor:

Terry McMurry  
terry@adpub.com

#### Technical Editor:

Gary Weidner  
garyw@adpub.com

#### Sales Manager:

Chuck Prieur  
chuckp@adpub.com

#### Systems Administrator:

Tim Ware  
tware@adpub.com

#### Art Director:

Chris Ragan  
chris@adpub.com

#### Graphic Designer:

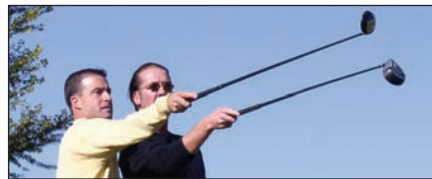
Joey Phelps  
joey@adpub.com

#### Accounting/Circulation:

Gerry Puls  
gpuls@adpub.com

## FEATURES

- 10** Columbus, Ohio... A Taste of America:  
The PWNA Annual Tradeshow and  
Convention



- 20** CETA PowerClean 2004 Recap



- 36** Cleaning Asphalt and Tile Roofs  
**40** PowerClean 2004—Were You There?  
**50** Waterjet Injury Update

## DEPARTMENTS

- 4** Editor's Note/Industry Calendar  
**14** Equipment  
Swivels  
**17** Industry News  
**18** Reader Response  
**28** High Pressure  
Doing More with Less:  
Pulsed Jet Technique  
**32** CETA Edge  
Cash Flow  
**35** Product News  
**39** Classifieds  
**44** Service  
Voltage: Too High or Too  
Low Means Trouble  
**46** PWNA Today  
If I Could Start Over: Things I  
Might Have Done Differently  
**49** Reference File  
Pump Relationships  
**51** Advertiser's Index/RSC

*Cleaner Times* (ISSN #1073-9602)  
is published monthly by:

**Advantage Publishing Co., Inc.,  
1000 Nix Road  
Little Rock, Arkansas 72211-3235  
Phone: 501-280-0007  
Fax: 501-280-9233  
www.cleanertimes.com  
Copyright 1990.**

Periodicals' postage paid at Little Rock, AR, and additional offices. The publisher and editor(s) of this magazine do not accept responsibility for the content of any advertisement, including statements made by advertisers herein, or for the opinions expressed by authors of by-lined articles. The intent of this publication is to provide general information only and is not intended to provide specific advice or recommendations. Appropriate legal, financial or engineering advice or other expert assistance should always be sought from professionals.

#### POSTMASTER:

Send address corrections to:  
Cleaner Times  
1000 Nix Road, Little Rock, Arkansas 72211-3235  
<http://www.adpub.com>

**Subscription Rates:** One Year, \$18 U.S., \$59 Canada, and \$75 Foreign. Back issues are available for \$8.00 each. Reproductions of any part of this publication without the written consent of the publisher is prohibited.