TENNANT CO Form 10-K/A March 25, 2003

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K/A

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2001. Commission File Number 0-4804

TENNANT COMPANY

Incorporated in the State of Minnesota

Employer Identification Number 41-0572550

701 North Lilac Drive, P.O. Box 1452, Minneapolis, Minnesota 55440

Telephone Number 763-540-1208

Securities registered pursuant to Section 12 (b) of the Act:

Common Stock, par value \$.375 per share

and

Preferred Share Purchase Rights

Securities registered pursuant to Section 12 (g) of the Act: NONE

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes \circ No o

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant s knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K/A or any amendment to this Form 10-K/A. O

\$359,912,586.20 is aggregate market value of common stock held by non-affiliates as of March 15, 2002.

9,009,076 shares outstanding at March 15, 2002

DOCUMENTS INCORPORATED BY REFERENCE

2002 Proxy Part III (Partial)

TENNANT COMPANY

2001

ANNUAL REPORT

Form 10-K/A

(Pursuant to Securities Exchange Act of 1934)

Tennant Company announced in February 2003 that due to a technical accounting interpretation brought to the Company s attention by its auditors, the Company is restating its financial statements to recognize revenues and earnings associated with the sales of its equipment to a U.S. third party lessor, that occurred between 1998 and 2002, over the lease period for operating lease transactions and, for short-term rental transactions, at the time the customer converts the short-term rental to an outright purchase or long-term capital lease of the equipment. Previously, revenues and earnings associated with these sales were recognized at the time of shipment. The original contract between the Company and the U.S. third party lessor included retained ownership risk provisions that were determined to preclude operating lease and short-term rental transactions from meeting the criteria for sale treatment under Statement of Financial Accounting Standards No. 13. The effect of the correction to the timing of the revenue recognition on these transactions in the 1999-2001 consolidated financial statements includes a reduction in previously reported net earnings of \$0.2 million and \$0.5 million and net earnings per share diluted of \$0.02 and \$0.05 for the years ended December 31, 2001 and 2000, respectively, and an increase in previously reported net earnings of \$0.1 million and net earnings per share diluted of \$0.01 for the year ended December 31, 1999. The consolidated financial statements as of December 31, 2001 and 2000 and for the three years ended December 31, 2001, 2000 and 1999 and notes thereto included in this Form 10-K/A have been restated to include the effects of the correction to the timing of the revenue recognition.

On February 4, 2003, the Company amended the agreement with the third party lessor to eliminate the retained ownership risk provisions for operating leases which will result in revenue recognition for future operating lease transactions at the time of shipment. The amendment to the agreement is retroactive to the beginning of the agreement, therefore, the Company expects to recognize the remaining unrecognized revenue and earnings for past operating lease transactions in the first quarter of 2003.

This amendment to the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 2001 amends and restates those items of the Form 10-K originally filed on March 29, 2002 (the Original Filing) which have been affected by the restatement. In order to preserve the nature and character of the disclosures set forth in such items as originally filed, no attempt has been made in this amendment to update any disclosures not impacted by the restatement. Except as required to reflect the effects of the restatement, all information contained in this amendment is stated as of the date of the Original Filing. For additional information regarding the restatement, see Notes to Consolidated Financial Statements Restated included in Item 8.

PART I

ITEM 1 Business

General Development of Business

Tennant Company, a Minnesota corporation incorporated in 1909, is a world leader in designing, manufacturing and marketing products used primarily in the maintenance of nonresidential floors. The Company s equipment is used to clean factories, office buildings, airports, hospitals, schools, warehouses, parks, streets and more. Customers include contract cleaners, distributors of cleaning equipment and supplies, corporations, health care facilities, schools and local, state and federal governments.

Tennant s shares are traded on the New York Stock Exchange (NYSE) under the symbol TNC.

Industry Segments, Foreign and Domestic Operations and Export Sales

The Company, as described under General Development of Business, has one business segment. The Company sells its products domestically and internationally. Financial information on the Company s geographic areas are provided under Segment Reporting in Note 17 included in Item 8. Nearly all of the Company s foreign investment in assets reside within Australia, Canada, Japan, Spain, The Netherlands, the United Kingdom, France, and Germany. While subject to increases or decreases in value over time due to foreign exchange rate movements, these investments are considered to be of low business risk.

Principal Products, Markets and Distribution

Products consisting mainly of motorized cleaning equipment and related products, including floor cleaning and preservation products, are sold through a direct sales organization and independent distributors in North America, primarily through a direct sales organization in Australia, France, Spain, The Netherlands, Germany, and the United Kingdom, and through independent distributors in more than 40 foreign countries. Tennant is headquartered in Minneapolis, Minnesota, and also has manufacturing operations in Holland, Michigan and Uden, The Netherlands.

Raw Materials and Purchased Components

The Company has not experienced any significant or unusual problems in the purchase of raw materials or other product components and is not disproportionately dependent upon any single source or supply. The Company has some sole-source vendors for certain components, primarily for automotive and plastic parts. A disruption in supply from such vendors may cause a short-term disruption in the Company s operations. However, the Company believes that it can find alternate sources in the event there is a disruption in supply from such vendors.

Patents and Trademarks

The Company applies for and is granted United States and foreign patents and trademarks in the ordinary course of business, no one of which is of material importance in relation to the business as a whole.

Seasonality

Although the Company s business is not seasonal in the traditional sense, historically revenues and earnings have been more concentrated in the fourth quarter of each year reflecting the tendency of customers to increase capital spending during such quarter, and the Company s efforts to close orders and reduce order backlogs.

Major Customers

The Company sells its products to a wide variety of customers, no one of which is of material importance in relation to the business as a whole.

Backlog

The Company routinely fills orders within 30 days on average. Consequently, order backlogs are generally not indicative of future sales levels.

Competition

While there is no industry association or industry data, the Company believes, through its own market research, that it is a world-leading manufacturer of floor maintenance equipment. Active competition exists in most geographic areas; however, it tends to originate from different sources in each area, and the Company s market share is believed to exceed that of the leading competitor in many areas. The Company competes primarily on the basis of offering a broad line of high-quality, innovative products supported by an extensive sales/service network in major markets.

Product Research and Development

The Company regularly commits what is believed to be an above-average amount of resources to product research and development. In 2001, 2000 and 1999, respectively, the Company spent \$16,578,000, \$15,466,000 and \$14,861,000 on research and development activities relating to the development of new products or improvements of existing products or manufacturing processes.

Environmental Protection

Compliance with federal, state and local provisions regulating the discharge of materials into the environment, or otherwise relating to the protection of the environment, has not had, and is not expected to have, a material effect upon the Company s capital expenditures, earnings or competitive position.

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Employment
The Company employed 2,387 persons in worldwide operations as of December 31, 2001.
ITEM 2 Properties
The Company s corporate offices are owned by the Company and are located in the Minneapolis, Minnesota metropolitan area. Manufacturing facilities are located in Minnesota, Michigan and The Netherlands. Sales offices, warehouse and storage facilities are leased in various locations in North America, Europe, Japan, and Australia. The Company s facilities are in good operating condition, suitable for their respective uses and adequate for current needs. Notes 5 and 12 of the Notes to the Financial Statements included in Item 8 contain further information regarding the Company s property and lease commitments.
ITEM 3 Legal Proceedings
There are no material pending legal proceedings other than ordinary routine litigation incidental to the Company s business.
ITEM 4 Submission of Matters to a Vote of Security Holders
Not applicable.
Executive Officers of the Registrant
Janet M. Dolan, President and Chief Executive Officer
Janet M. Dolan (52) joined the Company in 1986. Ms. Dolan was appointed General Counsel and Secretary in 1987, Vice President in 1990, Senior Vice President in 1995, Executive Vice President in 1996, President and Chief Operating Officer and a director in 1998. Ms. Dolan was named Chief Executive Officer in 1999. She is a director of Tennant Sales and Service Company, Tennant Finance Company, and Tennant Sales and Service Finance Company. She is a member of the NYSE Listed Company Advisory Committee. She is also director of Donaldson Company, Inc. and The St. Paul Companies, Inc.

Richard M. Adams, Vice President

Richard M. Adams (54) joined the Company in 1974. He became Assistant Controller in 1983 and was named Corporate Controller in 1986. Mr. Adams was named Vice President, Global Accounts in 1993 and Vice President, New Business Development in 1999. Mr. Adams is a Certified Public Accountant. Mr. Adams is a director of Tennant UK Limited, Tennant Holding B.V., Tennant Europe B.V., and Tennant Import B.V.

Anthony T. Brausen, Vice President, Chief Financial Officer and Treasurer

Anthony T. Brausen (42) joined the Company in March 2000 as Vice President and Chief Financial Officer. He was named also as Treasurer in February 2001. Mr. Brausen is a Certified Public Accountant. He is a director of Tennant N.V., Tennant Sales and Service Company, Tennant Finance Company, and Tennant Sales and Service Finance Company.

Rex L. Carter, Vice President, E-Solutions

Rex L. Carter (50) joined the Company in October 2001 as Vice President, E-Solutions.

Thomas J. Dybsky, Vice President

Thomas J. Dybsky (52) joined the Company in 1998 as Vice President of Human Resources. Mr. Dybsky is a director of Tennant N.V.

Anthony Lenders, Managing Director of Tennant N.V.

Anthony Lenders (56) joined the Company in 2000 as Managing Director of Tennant N.V.

James H. Moar, Chief Operating Officer

James H. Moar (53) joined the Company in 1998 as Senior Vice President of Industrial Markets. He was named Chief Operating Officer in 1999. Mr. Moar is a director of Tennant Sales and Service Company, Tennant Finance Company, and Tennant Sales and Service Finance Company.

James J. Seifert, Vice President, General Counsel and Secretary

James J. Seifert (45) joined the company in 1999 as Vice President, General Counsel and Secretary. Mr. Seifert is a director of Tennant UK Limited, Tennant Holding B.V., Tennant Europe B.V., Tennant Import B.V., Tennant N.V., Tennant Sales and Service Company, Tennant Finance Company, and Tennant Sales and Service Finance Company.

Gregory M. Siedschlag, Corporate Controller and Principal Accounting Officer

Gregory M. Siedschlag (42) joined the Company in July 2001 as Corporate Controller and Principal Accounting Officer. Mr. Siedschlag is a Certified Public Accountant. He is a director of Tennant Company Far East Headquarters Pte Ltd.

Steven K. Weeks, Vice President

Steven K. Weeks (46) joined the Company in 1984. He was named Manager, Global New Business and Marketing Development in 1993; Director of Marketing in 1994; Vice President, Customer Solutions in 1996; and Vice President, Global Marketing in 1999.

PART II

ITEM 5 Market for Registrant s Common Equity and Related Stockholder Matters

Investor Information

STOCK MARKET INFORMATION Tennant common stock is traded on the New York Stock Exchange, under the ticker symbol TNC. As of December 31, 2001, there were approximately 3,700 shareholders.

QUARTERLY PRICE RANGE The accompanying chart shows the quarterly price range of the Company s shares over the past five years:

	First	Second	Third	Fourth
1997	\$ 26.13-28.75 \$	26.75-33.25	33.25-37.50	\$ 36.00-39.63
1998	\$ 34.75-41.13 \$	40.75-44.81	37.00-44.50	\$ 33.00-41.25
1999	\$ 31.44-45.00 \$	32.00-38.50	32.63-37.25	\$ 32.00-35.63
2000	\$ 28.25-34.50 \$	30.50-38.00	33.75-44.25	\$ 39.00-53.38
2001	\$ 39.95-49.56 \$	39.85-45.60	33.32-40.25	\$ 32.80-38.40

DIVIDEND INFORMATION Cash dividends on Tennant s common stock have been paid for 58 consecutive years, and the Company has increased the dividend payout in each of the last 30 years. Dividends generally are declared each quarter. Following are the remaining record dates anticipated for 2002: May 31, 2002 August 30, 2002 November 29, 2002

ITEM 6 Selected Financial Data

TENNANT COMPANY AND SUBSIDIARIES

Historical Financial Review

(In thousands, except shares and per share data)

Years ended December 31		2001 Restated	2000 Restated	1999 Restated	1998 Restated	1997
Net sales	\$	422,425	452,176	429,739	383,765	372,428
Cost of sales	\$	268,500	269,658	255,528	223,369	217,570
Gross margin %		36.5	40.4	40.5	41.8	41.6
Selling and administrative expenses	\$	136,440	139,665	136,076	125,806	118,770
% of net sales		32.3	30.9	31.7	32.8	31.9
Profit from operations	\$	13,451(1)	42,853	31,464(3)	34,590	36,088
% of net sales		3.2	9.5	7.3	9.0	9.7
Other income (expense)	\$	(5)	359	(770)	1,732	1,542
Income tax expense	\$	8,838	15,470	10,939	12,713	13,425
% of earnings before income taxes		65.7	35.8	35.6	35.0	35.7
Net earnings	\$	4,608(1)(2)	27,742	19,755(3)	23,609	24,205
% of net sales		1.1	6.1	4.6	6.2	6.5
Return on beginning shareholders equity %	,	3.0	20.7	15.2	16.7	18.8
PER SHARE DATA						
Basic net earnings	\$	0.51(1)(2)	3.05	2.17(3)	2.49	2.43
Diluted net earnings	\$	0.50(1)(2)	3.04	2.16(3)	2.49	2.41
Cash dividends	\$	0.80	.78	.76	.74	.72
Shareholders equity (ending)	\$	16.82	16.88	14.94	14.20	13.82
YEAR-END FINANCIAL POSITION						
Cash and cash equivalents	\$	23,783	21,512	14,928	17,693	16,279
Total current assets	\$	153,595	173,220	166,745	153,069	143,105
Property, plant and equipment, net	\$	73,096	69,054	67,388	67,302	65,111
Total assets	\$	252,559	268,472	261,269	243,000	233,870
Current liabilities excluding current debt	\$	48,031	57,594	65,362	54,044	53,738
Current ratio excluding current debt Long-term liabilities excluding		3.2	3.0	2.6	2.8	2.7
long-term debt	\$	26,643	31,081	30,616	27,802	22,801
Debt:						
Current	\$	13,418	15,274	14,191	7,969	2,377
Long-term	\$	12,496	11,736	16,839	23,635	20,678
Total debt as% of total capital		14.6	15.0	18.8	19.6	14.7
Shareholders equity	\$	151,971	152,787	134,261	129,550	134,086

CASH FLOW INCREASE (DECREASE)					
Related to operating activities	\$ 34,141	38,866	37,603	42,890	41,892
Related to investing activities	\$ (20,544)	(19,251)	(25,343)	(17,221)	(15,490)
Related to financing activities	\$ (11,633)	(12,680)	(14,665)	(24,290)	(20,434)
OTHER DATA					
Interest income	\$ 2,133	2,532	2,847	3,771	4,699
Interest expense	\$ 2,131	1,886	2,665	2,303	2,021
Depreciation and amortization expense	\$ 19,282	18,766	19,028	17,590	17,468
Net expenditures for property, plant and					
equipment	\$ 20,544	18,251	16,362	17,221	16,424
Number of employees at year-end	2,416	2,471	2,266	2,127	2,019
Diluted average shares outstanding(5)	9,203	9,135	9,140	9,500	10,032
Closing share price at year-end(5)	\$ 37.10	48.00	32.75	40.13	36.38
Common stock price range during					
year(5)	\$ 32.80-49.56	28.25-53.38	31.44-45.00	33.00-44.81	26.13-39.63
Closing price/earnings ratio	74.2	15.8	15.2	16.1	15.1

^{(1) 2001} includes unusual items of \$5,041 pre-tax (\$3,141 net of taxes or \$0.34 per diluted share)

ITEM 7 Management s Discussion and Analysis of Financial Condition and Results of Operations

The Management s Discussion and Analysis of Financial Condition and Results of Operations presented below reflects the impact of the restatements to our previously reported consolidated financial statements as of December 31, 2001 and 2000 and for the three years ended December 31, 2001, 2000 and 1999.

Tennant Company announced in February 2003 that due to a technical accounting interpretation brought to the Company s attention by its auditors, the Company is restating its financial statements to recognize revenues and earnings associated with the sales of its equipment to a U.S. third party lessor, that occurred between 1998 and 2002, over the lease period for operating lease transactions and, for short-term rental transactions, at the time the customer converts the short-term rental to an outright purchase or long-term capital lease of the equipment. Previously, revenues and earnings associated with these sales were recognized at the time of shipment. The original contract between the Company and the U.S. third party lessor included retained ownership risk provisions that were determined to preclude operating lease and short-term rental transactions from meeting the criteria for sale treatment under Statement of Financial Accounting Standards No. 13. The effect of the correction to the timing of the revenue recognition on these transactions in the 1999-2001 consolidated financial statements includes a reduction in previously reported net earnings of \$0.2 million and \$0.5 million and net earnings per share diluted of \$0.02 and \$0.05 for the years ended December 31, 2001 and 2000, respectively, and an increase in previously reported net earnings of \$0.1 million and net earnings per share diluted of \$0.01 for the year ended December 31, 1999. The consolidated financial statements as of December 31, 2001 and 2000 and for the three years ended December 31, 2001, 2000 and 1999 and notes thereto included in this Form 10-K/A have been restated to include the effects of the correction to the timing of the revenue recognition.

On February 4, 2003, the Company amended the agreement with the third party lessor to eliminate the retained ownership risk provisions for operating leases which will result in revenue recognition for future operating lease transactions at the time of shipment. The amendment to the

⁽²⁾ Includes a charge of \$4,267 after-tax (or \$0.47 per diluted share) to record a deferred tax asset valuation allowance

^{(3) 1999} includes pre-tax restructuring charges of \$6,671 (\$4,308 net of taxes or \$0.47 per diluted share)

agreement is retroactive to the beginning of the agreement, therefore, the Company expects to recognize the remaining unrecognized revenue and earnings for past operating lease transactions in the first quarter of 2003.

Overview

Tennant Company is a world leader in designing, manufacturing and marketing products used primarily in the maintenance of nonresidential floors. The Company s equipment is used to clean factories, office buildings, airports, hospitals, schools, warehouses, parks, streets and more. Customers include contract cleaners, distributors of cleaning equipment and supplies, corporations, health care facilities, schools and local, state and federal governments.

Operating results for 2001 were adversely affected by the manufacturing sector recession in the North American economy, especially for industrial equipment products. A downturn in the North American industrial economy began late in 2000 and deepened into a recession in 2001. During 2001, the recession spread to the global economy, adversely affecting the Company s foreign sales and operating results as well.

In response to the economic conditions, management took several actions to reduce headcount, salaries, direct labor hours and discretionary spending. In addition, the Company launched major initiatives to permanently reduce costs and improve overall operating efficiency. Unusual charges totaling \$11 million pre-tax were recorded during 2001 as a result of these initiatives.

Consolidated net sales of \$422 million in 2001 decreased 6.6% from \$452 million in 2000. Foreign currency exchange fluctuations, resulting primarily from the strength of the U.S. dollar compared to the Euro, Japanese yen and Australian dollar, had an unfavorable impact of approximately \$5.5 million on revenues in 2001 compared to the prior year. Net sales for the fourth quarter and 2001 included an additional month of sales from the Company s European operations. This resulted from the Company s decision to adjust the fiscal year for its European operations from November to the calendar year. The extra month increased net sales for the 2001 fourth quarter and full year by \$5.6 million, but reduced 2001 net earnings in both periods by approximately \$0.06 per diluted share because, historically, the Company operates at a loss in Europe during the shortened holiday month of December.

In 2000, consolidated net sales of \$452 million increased 5.2% over 1999. The negative impact of foreign currency exchange fluctuations on net sales was approximately \$13 million in 2000 compared to 1999.

Net earnings for 2001 were \$4.6 million or \$0.50 per diluted share, compared to \$27.7 million or \$3.04 per diluted share in 2000. Unfavorable foreign currency exchange fluctuations reduced earnings per diluted share by approximately \$0.23 in 2001 and \$0.22 in 2000, compared with the respective prior year. Net earnings for 2001 included unusual charges of \$11 million pretax, as well as an unusual pension gain of \$5.9 million pre-tax. The unusual pre-tax charges included restructuring charges of \$10 million and an inventory writedown of \$1 million that was recorded in cost of sales. These charges related to a workforce reduction and the closure of the Company s plant in Germany and the transfer of its production to a contract manufacturer in the Czech Republic. The Company also recognized a non-cash income tax charge of \$4.3 million, to establish a valuation allowance against the Company s future benefits from European tax-loss carryforwards. The European tax losses resulted largely from restructuring actions taken in 2001 for which no loss carry-back is available. Excluding the effects of these unusual items, net earnings for 2001 were \$12.0 million or \$1.31 per diluted share.

Net earnings of \$27.7 million in 2000 or \$3.04 per diluted share increased 40% compared to \$19.8 million or \$2.16 per diluted share in 1999. Net earnings for 1999 included restructuring charges of \$6.7 million pre-tax. Excluding the effects of these restructuring charges, net earnings for 1999 were \$24.1 million or \$2.63 per diluted share.

Net Sales

Sales in North America decreased 7.5% in 2001 to \$302 million compared with \$326 million in 2000. The North American manufacturing sector recession caused sales of industrial equipment and related products (including outdoor products) and floor coating products to decrease 18.1% and 8.9% in 2001, respectively. Sales growth of 6.2% in commercial equipment and related products and 11.6% in service revenues was not enough to offset the declines in industrial and floor coating products. During the fourth quarter, the slowdown in the North American economy impacted commercial sales as well, contributing to a decline on a period-to-period basis for the first time in 2001.

In 2000, North American sales of \$326 million increased 7.0% compared to 1999. Net sales increased 9%, adjusted for the divestiture of the Company s Eagle propane burnisher business in September 1999. Growth occurred in all product lines, with industrial products (including outdoor) increasing 7.1%, commercial products increasing 11.7% (adjusted for the impact of the Eagle divestiture) and floor coatings increasing 3.9%. Industrial, commercial and floor coatings growth was due primarily to unit volume growth.

European sales of \$80.6 million in 2001 were flat compared to 2000 sales. During 2001, the Company s European operation changed its fiscal year-end from November to December because of the conversion of the European information system to the U.S. platform. This resulted in an additional month of sales in 2001 that increased revenues by \$5.6 million. Negative foreign currency exchange fluctuations decreased European revenues approximately \$2.8 million in 2001. Excluding the effects of negative foreign currency exchange and the additional month of sales, European sales decreased 3% as a result of weakening economic conditions in the latter part of 2001.

European sales in 2000 were \$80.6 million, down 1.9% from 1999 sales of \$82.2 million. Adjusted for the negative impact of foreign currency exchange and for the one additional month of revenue in 2000 from the acquired Paul Andra KG business, sales grew 10% primarily due to unit volume growth.

Other international sales in 2001 were \$40.3 million, a decrease of 11.2% compared to 2000 sales of \$45.4 million. Adjusted to exclude the negative impact of foreign currency exchange, other international sales decreased 7%, primarily reflecting the deteriorating global economic conditions, particularly in Japan and Latin America.

Other international sales in 2000 were \$45.4 million, an increase of 6.3% over 1999 sales of \$42.7 million. Adjusted to exclude the negative impact from foreign currency exchange, other international sales increased 8% compared with 1999 primarily due to unit volume growth in several geographies.

Consolidated order backlog at December 31, 2001 totaled \$5 million compared with \$7 million at the end of 2000 and \$9 million at the end of 1999.

Costs and Expenses

The following is a summary of major operating costs and expenses as a percentage of net sales:

	2001 Restated	2000 Restated	1999 Restated
Cost of sales	63.5%	59.6%	59.5%
Selling and administrative expenses	32.3%	30.9%	31.7%
Restructuring charges	2.4%		1.6%

Cost of sales as a percentage of sales increased by 3.9 percentage points in 2001 compared with 2000. The primary factor contributing to the increase in the cost of sales percentage was the 6.6% decline in consolidated net sales volume and unfavorable sales mix effects. A sales volume decline in the most profitable product line, industrial products, coupled with growth in sales of lower margin commercial products and service revenues contributed significantly to the unfavorable sales mix effect. Other factors contributing to the percentage increase in cost of sales were foreign currency exchange fluctuations and a \$1.0 million inventory write-down related to the closure of the plant in Germany.

Cost of sales as a percentage of sales increased 0.1 percentage points in 2000 compared with 1999. The primary factor contributing to the increase in the cost of sales percentage was the effect of foreign currency exchange fluctuations, principally the Euro.

Future gross margins could continue to be impacted by competitive market conditions, the mix of products both within and among product lines and geographies, and the effects of foreign currency exchange fluctuations.

Selling and administrative expenses as a percentage of sales increased 1.4 percentage points in 2001 compared with 2000. This increase was attributable to the decline in sales volume between 2001 and 2000. The increase was partially offset by the favorable impact of cost reduction measures taken during 2001 and lower profit-related expenses.

In 2000, selling and administrative expenses as a percentage of sales declined 0.8 percentage points compared with 1999. The decline was primarily attributable to the effects of restructuring activity process improvement initiatives.

Restructuring Charges

As discussed in Note 3 to the consolidated financial statements, the Company recorded \$10 million of pre-tax restructuring charges during 2001 related to a workforce reduction and the closure of the plant in Germany and the transfer of its production to a contract manufacturer in the Czech Republic. The majority of these actions were completed during 2001 with the remainder expected to be completed during 2002. The 2001 restructuring actions are expected to provide an annualized pre-tax benefit up to approximately \$3.5 million.

During 1999, the Company recorded pre-tax restructuring charges of \$6.7 million. The charges pertained to management initiatives to restructure the main manufacturing organizations in North America and Europe. The initiatives in North America and Europe were substantially completed in 2000 and 2001, respectively. These actions improved the efficiency and productivity of those organizations and reduced global infrastructure through the closure of several warehouses in North America and closure, or reduced activity in, several European sales and service facilities.

Management regularly reviews the Company s business operations with the objective of improving financial performance and maximizing its return on investment. As a result of this ongoing process, the Company has announced plans to consolidate its North American distribution operations from a current network of seven distribution centers into two new facilities that will be under the ownership and management of a third-party logistics services provider. This initiative, which is expected to result in the elimination of up to 80 positions, will enable the Company to reduce its operating, transportation and inventory carrying costs while further improving the level of customer service. In connection with these actions and other initiatives to streamline operations worldwide, Tennant expects to incur restructuring charges during 2002. The Company continually evaluates actions to improve financial performance which, if taken, could result in material charges.

Pension Settlement Gain

As described in Note 10 to the consolidated financial statements, the Company approved enhancements to its defined benefit retirement program during 2000. Plan participants were given the choice of remaining in a modified defined benefit plan or receiving a lump-sum distribution that could be rolled over into the Company s 401(k) plan. As a result of these actions, the former plan was terminated during 2001 and the plan assets were distributed to the participants, resulting in a non-recurring, pre-tax pension settlement gain of \$5.9 million.

Other Income (Expense)

In 2001, other income was minimal compared to \$0.4 million in 2000. The decrease is primarily attributable to a decrease in interest income and an increase in miscellaneous expense year over year, offset by an increase in net foreign currency transaction gains.

In 2000, other income was \$0.4 million compared with a net expense of \$0.8 million in 1999. The major factors causing the change were a reduction in interest expense, along with decreases in ESOP-related expense and the discretionary contribution made to the Tennant Foundation.

Income Taxes

The Company s effective income tax rate was 65.7%, 35.8% and 35.6% for the years 2001, 2000 and 1999, respectively. The increase in the effective rate in 2001 is the result of a non-cash income tax charge of \$4.3 million to establish a valuation allowance against the Company s future benefits from European tax-loss carryforwards. The European tax losses resulted largely from restructuring actions taken in 2001 for which no loss carryback is available. In the future, the Company may experience changes in its effective tax rate based on its ability to utilize the net operating loss carryforwards.

Liquidity and Capital Resources

Despite difficult economic conditions, the Company strengthened its financial position in 2001. At December 31, 2001, cash and cash equivalents totaled \$23.8 million, up 10.6% from the \$21.5 million as of December 31, 2000. The Company s current ratio was 2.5 at December 31, 2001, improving from 2.4 at December 31, 2000 based on working capital of \$92.1 million and \$100.4 million, respectively. At December 31, 2001, the Company s capital structure was comprised of \$13.4 million of current debt, \$12.5 million of long-term debt and \$152.0 million of shareholders equity. Debt-to-total-capital ratio was 14.6% at December 31, 2001, compared with 15.0% at December 31, 2000. At December 31, 2001, the Company had sufficient cash to satisfy all outstanding debt obligations.

The Company s contractual cash obligations at December 31, 2001, are summarized in the following table (in thousands):

	Payments Due by Period										
		Total		Less than 1 year	1-3 years		4-5 years		After 5 years		
Debt	\$	19,765	\$	9,765	\$	10,000	\$		\$		
Operating leases		7,808		2,964		4,256		588			
Total contractual cash obligations	\$	27,573	\$	12,729	\$	14,256	\$	588	\$		

For 2002, the Company has available committed and uncommitted lines of credit totaling \$46 million, with terms generally one year or less. At December 31, 2001, \$9.2 million of related debt was outstanding. If the global economy continues to weaken during 2002, it could have an unfavorable impact on the demand for the Company s products and, as a result, operating cash flow. The Company believes that the combination of internally generated funds, present capital resources and available financing sources are more than sufficient to meet cash requirements for 2002.

Cash Flows

Cash provided by operating activities was \$34.1 million in 2001, \$38.9 million in 2000 and \$37.6 million in 1999. The decrease in operating cash flows in 2001 compared to 2000 is primarily attributable to the \$23.1 million decrease in net earnings, including cash used for restructuring activities, and an \$8.7 million decrease in Accounts payable, accrued expenses and deferred revenue. These decreases were substantially offset by the \$14.1 million decrease in accounts receivable and \$5.6 million decrease in inventories. During 2000, the \$1.3 million increase in operating cash flows was due to an \$8.0 million increase in net earnings, offset by an increase in operating assets and liabilities.

Capital expenditures for property, plant and equipment totaled \$23.4 million in 2001, \$20.5 million in 2000 and \$18.3 million in 1999. Capital spending is expected to decrease in 2002 to approximately \$15 to \$20 million. Capital expenditures in 2001 were greater because of an increase in spending on projects intended to improve financial performance through new business or cost savings, including investments in design systems software, new product tooling and the purchase of a previously leased production facility. Expenditures for capital in 2002 are expected to be financed primarily with funds from operations. Other significant uses of cash in 2001 included \$5 million for repayment of debt.

Dividends and Share Repurchases

The Company paid \$7.2 million in dividends to shareholders and \$3.2 million for net purchases of Tennant common stock during 2001. Cash dividends increased for the 30th consecutive year to \$0.80 per share in 2001, an increase of \$0.02 per share over 2000. Shares repurchased during 2001, 2000 and 1999 approximated 130,000, 90,000 and 283,000, respectively. The average repurchase price was \$38.69 during 2001, \$35.50 during 2000 and \$34.98 during 1999. During May 2001, the Board of Directors authorized a new share repurchase program to repurchase up to 400,000 shares of common stock. At December 31, 2001, approximately 308,000 shares were available for repurchase under this program.

Critical Accounting Policies

Management utilizes its technical knowledge, cumulative business experience, judgment and other factors in the selection and application of the Company s accounting policies. The following accounting policies are considered by management to be the most critical to the presentation of the consolidated financial statements because they require the most subjective and complex judgments.

Allowance for Doubtful Accounts The Company records a reserve for accounts receivable which are potentially uncollectible. The reserve is established by estimating the amounts that are potentially uncollectible based on a review of customer accounts, the age of the receivable, the customer s financial condition and industry, and general economic conditions. Results could be materially different if economic conditions worsened for the Company s customers.

Inventory reserves The Company records reserves for inventory shrinkage and for potentially excess, obsolete and slow moving inventory. The amounts of these reserves are based upon historical loss trends, inventory levels, historical physical inventory and cycle count adjustments, expected product lives and forecasted sales demand. Results could be materially different if demand for the Company s products decreased because of economic or competitive conditions, or if products became obsolete because of technological advancements in the industry or by the Company.

Deferred tax assets The Company recognizes deferred tax assets for the expected future tax impact of temporary differences between book and taxable income. A valuation allowance and income tax charge are recorded when, in management s judgment, realization of a specific deferred tax asset is uncertain. The deferred tax asset valuation allowance could be materially different from actual results because of changes in management s expectations regarding future taxable income, the relationship between book and taxable income and tax planning strategies employed by the Company.

Warranty reserves The Company records a liability for warranty claims at the time of sale. The amount of the liability is based on the trend in the historical ratio of claims to sales, the historical length of time between the sale and resulting warranty claim, anticipated releases of new products and other factors. Claims experience could be materially different from actual results because of the introduction of new, more complex products, a change in the Company s warranty policy in response to industry trends, competition or other external forces, or manufacturing changes that could impact product quality.

New Accounting Standards

In July 2001, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) 141, Business Combinations, and SFAS 142, Goodwill and Other Intangible Assets. SFAS 141 requires that the purchase method of accounting be used for all business combinations initiated after June 30, 2001. SFAS 141 also specifies criteria that identifiable intangible assets acquired in a purchase method business combination must be recognized and reported apart from goodwill. SFAS 142 requires that goodwill and intangible assets with indefinite useful lives no longer be amortized, but instead tested for impairment at least annually. SFAS 142 also requires that intangible assets with definite useful lives be amortized over their respective estimated useful lives.

The Company adopted SFAS 141 during 2001. SFAS 142 adoption will be effective January 1, 2002. The ceasing of goodwill amortization under SFAS 142 will benefit pre-tax earnings in 2002 by approximately \$750,000. The Company is evaluating whether any write-down of goodwill may be required as a result of implementing SFAS 142.

SFAS 144, Accounting for the Impairment or Disposal of Long-Lived Assets, was issued in October 2001. SFAS 144 provides new guidance on the recognition of impairment losses on long-lived assets to be held and used or to be disposed of and also broadens the definition of what constitutes a discontinued operation and how the results of a discontinued operation are to be measured and presented. The provisions of SFAS 144 are effective for fiscal years beginning after December 15, 2001. The Company will adopt the provisions of this statement on January 1, 2002 and does not expect adoption will have a material impact on its consolidated results of operations or financial position.

Certain statements contained in this document as well as other written and oral statements made from time to time by the Company are considered forward-looking statements within the meaning of the Private Securities Litigation Reform Act. These statements do not relate to strictly historical or current facts and provide current expectations or forecasts of future events. These include factors that affect all businesses operating in a global market as well as matters specific to the Company and the markets it serves. Particular risks and uncertainties presently facing the Company include: the ability to implement its plans to increase worldwide operational efficiencies; the success of new products; political and economic uncertainty throughout the world; inflationary pressures; the potential for increased competition in the Company s business from competitors that have substantial financial resources; the potential for soft markets in certain regions including North America, Asia, Latin America and Europe; the relative strength of the U.S. dollar, which affects the cost of the Company s products sold internationally; the ability to successfully implement the SAP enterprise resource planning system; and the Company s plan for growth. The Company cautions that forward-looking statements must be considered carefully and that actual results may differ in material ways due to risks and uncertainties both known and unknown. Shareholders, potential investors and other readers are urged to consider these factors in evaluating forward-looking statements and are cautioned not to place undue reliance on such forward-looking statements.

The Company does not undertake to update any forward-looking statement, and investors are advised to consult any further disclosures by the Company on this matter in its filings with the Securities and Exchange Commission and in other written statements made from time to time by the Company. It is not possible to anticipate or foresee all risk factors, and investors should not consider that any list of such factors to be an exhaustive or complete list of all risks or uncertainties.

ITEM 7a Quantitative and Qualitative Disclosures About Market Risk

Due to the global nature of its operations, the Company is subject to exposures resulting from foreign currency exchange fluctuations. Because the Company s products are manufactured or sourced primarily from the United States, a stronger dollar generally has a negative impact on results from operations outside the United States while a weaker dollar generally has a positive effect.

The Company s objective in managing its exposure to foreign currency fluctuations is to minimize the earnings effects associated with foreign exchange rate changes on certain of its foreign currency-denominated assets and liabilities. The Company periodically enters into various contracts, principally forward exchange contracts, to protect the value of certain of its foreign currency-denominated assets and liabilities. The gains and losses on these contracts generally approximate changes in the value of the related assets and liabilities. The Company had forward exchange contracts outstanding in the notional amounts of approximately \$22 million and \$5 million at the end of 2001 and 2000, respectively. The potential loss in fair value of foreign currency contracts outstanding and the related underlying exposures as of December 31, 2001 from a 10% adverse change are not material. The Company maintains the policy of entering into foreign currency contracts only to the extent that actual exposures exist and does not enter into transactions for speculative purposes.

It is not possible to estimate the full impact of foreign currency exchange rate changes; however, the direct impact on net sales and net earnings can be estimated. For 2001, the foreign currency exchange effect on sales compared with 2000 was a reduction of approximately \$5.5 million. The total effect on net earnings approximated \$2.1 million or \$0.23 per diluted share. The Company expects that its sales and net earnings will continue to be unfavorably affected by the effects of foreign currency exchange rates in 2002.

The Company expects the unfavorable economic conditions in the manufacturing sector of the global economy to continue into 2002. These continued unfavorable economic conditions will likely have a negative impact on sales and net earnings for 2002. This impact is likely to be most significant for the Company s industrial products, the Company s most profitable product line. Although the timing of any economic recovery is uncertain, the Company expects 2002 earnings before unusual items to be higher than 2001 earnings before unusual items, primarily because of the benefits from many of the cost-reduction initiatives taken during 2001 and the recent introduction of new products.

ITEM 8 Financial Statements and Supplementary Data

TENNANT COMPANY AND SUBSIDIARIES

Consolidated Statements of Earnings

(In thousands, except shares and per share data)

Years ended December 31	2001 Restated	2000 Restated	1999 Restated
Net sales	\$ 422,425	\$ 452,176	\$ 429,739
Operating expense (income):			
Cost of sales	268,500	269,658	255,528
Selling and administrative expenses	136,440	139,665	136,076
Restructuring charges	9,962		6,671
Pension settlement gain	(5,928)		
Profit from operations	13,451	42,853	31,464
Other income (expense):			
Interest income	2,133	2,532	2,847
Interest expense	(2,131)	(1,886)	(2,665)
Net foreign currency transaction gains (losses)	241	(517)	(174)
Miscellaneous income (expense), net	(248)	230	(778)
Total other income (expense)	(5)	359	(770)
Profit before income taxes	13,446	43,212	30,694
Income tax expense	8,838	15,470	10,939
Net earnings	\$ 4,608	\$ 27,742	\$ 19,755
Basic earnings per share	\$ 0.51	\$ 3.05	\$ 2.17
Diluted earnings per share	\$ 0.50	\$ 3.04	\$ 2.16

See accompanying notes to consolidated financial statements.

TENNANT COMPANY AND SUBSIDIARIES

Consolidated Balance Sheets

(In thousands, except shares and per share data)

	2001	2000
December 31	Restated	Restated
Assets		

CURRENT ASSETS

Cash and cash equivalents	\$	23,783	\$	21,512
Receivables:				
Trade, less allowance for doubtful accounts (\$4,701 in 2001 and \$4,178 in 2000)		70,855		83,984
Other, net		1,396		4,277
Net receivables		72,251		88,261
Inventories		48,288		53,507
Prepaid expenses		2,394		1,766
Deferred income taxes, current portion		6,879		8,174
Total current assets		153,595		173,220
Property, plant and equipment, net		73,096		69,054
Deferred income taxes, long-term portion		5,496		5,491
Goodwill and intangible assets, net		17,198		17,700
Other assets		3,174		3,007
Total assets	\$	252,559	\$	268,472
Liabilities and Shareholders Equity				
CURRENT LIABILITIES				
Current debt	\$	13,418	\$	15,274
Accounts payable, accrued expenses and deferred revenue		48,031		57,594
Total current liabilities		61,449		72,868
LONG-TERM DEBT		12,496		11,736
LONG-TERM EMPLOYEE-RELATED BENEFITS		26,643		31,081
Total liabilities		100,588		115,685
SHAREHOLDERS EQUITY				
Preferred stock of \$0.02 par value per share, authorized 1,000,000; none issued				
Common stock of \$0.375 par value per share, authorized 30,000,000; 9,036,095 and 9,052,789		2 200		2 20 5
issued and outstanding, respectively		3,389		3,395
Additional paid-in capital		383		1,544
Common stock subscribed		(2=0)		459
Unearned restricted shares		(278)		(905)
Retained earnings		161,945		164,113
Accumulated other comprehensive income (loss)		(6,247)		(6,886)
Receivable from ESOP		(7,221)		(8,933)
Total shareholders equity	ф	151,971	Ф	152,787
Total liabilities and shareholders equity	\$	252,559	\$	268,472

See accompanying notes to consolidated financial statements.

TENNANT COMPANY AND SUBSIDIARIES

Consolidated Statements of Cash Flows

(In thousands, except shares and per share data)

V 110 1 4	2001		2000		1999
Years ended December 31	Restated		Restated		Restated
CASH FLOWS RELATED TO OPERATING ACTIVITIES	\$ 4,60	8 \$	27,742	¢	19,755
Net earnings Adjustments to net earnings to arrive at operating cash flow:	5 4,00	о ф	21,142	Ф	19,733
Depreciation and amortization	19,28	2	18.766		19,028
Deferred tax expense (benefit)	1,24		4,287		
Provision for bad debts	•		,		(1,730)
	2,01	.O	1,270		1,568
Changes in operating assets and liabilities:	14.16		(1.044)		(0.145)
Accounts receivable	14,10		(1,944)		(9,145)
Inventories	5,62		(6,427)		2,170
Accounts payable, accrued expenses and deferred revenue	(8,74		(4,391)		(967)
Other current/noncurrent assets and liabilities	(4,93		(1,667)		5,090
Other, net	94		1,230		1,834
Net cash flows related to operating activities	34,14	1	38,866		37,603
CASH FLOWS RELATED TO INVESTING ACTIVITIES					
	(22.24	· 10	(20.521)		(10.212)
Acquisition of property, plant and equipment	(23,36	4)	(20,531)		(18,313)
Acquisition of Paul Andra KG, net of cash received	• 00		2.200		(10,059)
Proceeds from disposals of property, plant and equipment	2,82	<i>.</i> U	2,280		1,951
Proceeds from divestiture of Eagle business			(4.000)		1,078
Other, net			(1,000)		
Net cash flows related to investing activities	(20,54	4)	(19,251)		(25,343)
CACH ELOWC DELATED TO ENLANGING ACTIVITIES					
CASH FLOWS RELATED TO FINANCING ACTIVITIES	2.04		(4.47)		1 424
Net changes in short-term borrowings	2,09		(447)		1,434
Payments of long-term debt	(5,00	-	(5,000)		(2,302)
Proceeds from issuance of common stock	1,87		2,289		2,286
Purchase of common stock	(5,03		(3,203)		(9,881)
Dividends paid	(7,24		(7,045)		(6,862)
Principal payment from ESOP	1,67		726		660
Net cash flows related to financing activities	(11,63		(12,680)		(14,665)
Effect of exchange rate changes on cash and cash equivalents	30	7	(351)		(360)
NET INCREASE (DECREASE) IN CASH AND CASH					
EQUIVALENTS	2,27	1	6,584		(2,765)
Cash and cash equivalents at beginning of year	21,51	2	14,928		17,693
CASH AND CASH EQUIVALENTS AT END OF YEAR	\$ 23,78	3 \$	21,512	\$	14,928
SUPPLEMENTAL SCHEDULE OF NONCASH INVESTING AND FINANCING ACTIVITIES					
Collateralized borrowings incurred for operating lease equipment	\$ 1,97	9 \$	1,679	\$	747

See accompanying notes to consolidated financial statements.

TENNANT COMPANY AND SUBSIDIARIES

	2001 Restated		2000	d	1999 Restated				
Years ended December 31	Shares		Amount	Shares		Amount	Shares		Amount
COMMON STOCK									
Beginning balance	9,052,789	\$	3,395	8,989,480	\$	3,371	9,122,960	\$	3,421
Issue stock for employee benefit			ĺ						
plans and directors	113,449		43	153,537		58	149,119		56
Purchase of common stock	(130,143)		(49)	(90,228)		(34)	(282,599)		(106)
Ending balance	9,036,095	\$	3,389	9,052,789	\$	3,395	8,989,480	\$	3,371
ADDITIONAL PAID-IN									
CAPITAL									
Beginning balance		\$	1,544		\$			\$	
Issue stock for employee benefit									
plans and directors			3,825			4,713			4,230
Purchase of common stock			(4,986)			(3,169)			(4,230)
Ending balance		\$	383		\$	1,544		\$	
COMMON STOCK									
SUBSCRIBED									
Beginning balance	9,575	\$	459	27,607	\$	904	10,605	\$	425
Issue stock for employee benefit									
plans	(9,575)		(459)	(27,607)		(904)	(10,605)		(425)
Subscribed stock for employee benefit plans				9,575		459	27,607		904
Ending balance		\$		9,575	\$	459	27,607	\$	904
Ending balance		Ψ		7,313	Ψ	737	21,001	Ψ	704
UNEARNED RESTRICTED									
SHARES									
Beginning balance		\$	(905)		\$	(843)		\$	(307)
Restricted share activity, net			627			(62)			(536)
Ending balance		\$	(278)		\$	(905)		\$	(843)
RETAINED EARNINGS									
Beginning balance		\$	164,113		\$	143,041		\$	135,014
Net earnings			4,608			27,742			19,755
Dividends paid, \$0.80, \$0.78 and									
\$0.76, respectively, per common share			(7,244)			(7,045)			(6,862)
Purchase of common stock			(7,244)			(7,043)			(5,545)
Tax benefit on ESOP and other									(3,343)
stock plans			468			375			679
Ending balance		\$	161,945		\$	164,113		\$	143,041
ACCUMULATED OTHER									
COMPREHENSIVE INCOME (LOSS)(1)									
Beginning balance		\$	(6,886)		\$	(2,454)		\$	1,586
Foreign currency translation		Ψ	(0,000)		ψ	(2,434)		ψ	1,500
adjustments			639			(4,432)			(4,040)
Ending balance		\$	(6,247)		\$	(6,886)		\$	(2,454)

RECEIVABLE FROM ESOP			
Beginning balance	\$ (8,933)	\$ (9,758)	\$ (10,589)
Principal payments	1,678	726	660
Shares allocated	34	99	171
Ending balance	\$ (7,221)	\$ (8,933)	\$ (9,758)
Total shareholders equity	\$ 151,971	\$ 152,787	\$ 134,261

⁽¹⁾ Reconciliations of net earnings to comprehensive income are as follows:

Net earnings	\$ 4,608	\$ 27,742	\$ 19,755
Foreign currency translation			
adjustments	639	(4,432)	(4,040)
Comprehensive income	\$ 5,247	\$ 23,310	\$ 15,715

The Company had 30,000,000 authorized shares of common stock as of December 31, 2001, 2000 and 1999.

See accompanying notes to consolidated financial statements.

Notes to the Consolidated Financial Statements - Restated

(In thousands, except shares and per share data)

1 Summary of Significant Accounting Policies and Other Related Data

Consolidation The consolidated financial statements include the accounts of Tennant Company and its subsidiaries. All material intercompany transactions and balances have been eliminated.

Fiscal year-end During 2001, the Company changed the fiscal year-end of its European subsidiaries from November to December because of the conversion of the European information system to the U.S. platform. This resulted in the inclusion of an additional month of sales and net earnings, increasing sales by \$5,618 but decreasing net earnings by \$503, or \$0.06 per share. Tennant s European subsidiaries typically operate at a loss during the holiday-shortened month of December.

Translation of non-U.S. currency Foreign currency-denominated assets and liabilities have been translated to U.S. dollars at year-end exchange rates, while income and expense items are translated at exchange rates prevailing during the year. Gains or losses resulting from translation are included as a separate component of shareholders equity. Transaction gains or losses are included in other income (expense).

Use of estimates The preparation of financial statements in conformity with generally accepted accounting principles in the United States requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Reclassifications Certain prior years amounts have been reclassified to conform with the current year presentation.

Cash equivalents The Company considers all highly liquid investments with maturities of three months or less from the date of purchase to be cash equivalents.

Inventories Inventories are valued at the lower of cost (principally on a last-in, first-out basis) or market.

Property, plant and equipment Property, plant and equipment is carried at cost. The Company generally depreciates buildings and improvements by the straight-line method over a 30-year life. Other property, plant and equipment is generally depreciated using the straight-line method based on lives of three to ten years.

Goodwill and intangible assets Goodwill represents the excess of cost over the fair value of net assets of businesses acquired. Intangible assets also includes purchased technology and patents. Goodwill and other intangible assets are amortized using the straight-line method over their estimated useful lives generally ranging from five to 30 years.

Pension and profit sharing plans The Company has pension and profit sharing plans covering substantially all of its employees. Pension plan costs are accrued based on actuarial estimates with the pension cost funded annually.

Post-retirement benefits The Company recognizes the cost of retiree health benefits over the employees period of service.

Warranty The Company charges to current operations a provision, based on historical experience, for future warranty claims. Warranty terms on machines range from one to four years.

Income taxes Deferred tax assets and liabilities are recognized for the expected future tax consequences of temporary differences between the book and tax bases of existing assets and liabilities.

Stock-based compensation The Company accounts for stock-based compensation for employees under Accounting Principles Board (APB) Opinion No. 25, Accounting for Stock Issued to Employees. APB No. 25 requires compensation cost to be recorded on the date of the grant only if the current market price of the underlying stock exceeds the exercise price. Accordingly, no compensation cost has been recognized for stock option plans. The Company has adopted the disclosure-only provisions of SFAS 123, Accounting for Stock-Based Compensation.

Revenue Recognition The Company recognizes revenue when titles passes, which is generally upon shipment. Service revenue is recognized in the period the service is performed, or ratably over the period of the related service contract. Customers may obtain financing through a U.S. third party leasing company to assist in their acquisition of the Company's equipment products. Under the terms of the Company's agreement with the U.S. third party leasing company, transactions classified as operating leases result in recognition of revenue over the lease term and, for short-term rental transactions, at the time customers convert the short-term rental to an outright purchase or long-term capital lease of the equipment. As a result, we defer the sale on these transactions and record the sales proceeds as collateralized borrowings or deferred revenue. The underlying equipment relating to operating leases is depreciated on a straight-line basis over the lease term, which does not exceed the equipment s estimated useful life.

Research and development Research and development costs are expensed as incurred. Research and development costs were \$16,578, \$15,466 and \$14,861 in 2001, 2000 and 1999, respectively.

Derivative financial instruments The Company enters into forward foreign exchange contracts principally to hedge certain foreign currency-denominated net assets and liabilities (principally the Euro, British pound, Australian dollar, Canadian dollar and Japanese yen). Gains or losses on forward foreign exchange contracts to hedge foreign currency-denominated net assets and liabilities are recognized in net earnings on a current basis over the term of the contracts.

Earnings per share Basic earnings per share is computed by dividing net earnings by the weighted average number of common shares outstanding during the period. Diluted earnings per share assumes conversion of potentially dilutive stock options and performance-related shares.

Long-lived assets The Company periodically reviews its long-lived assets for impairment and assesses whether events or circumstances indicate that the carrying amount of the asset may not be recoverable. The Company generally deems an asset to be impaired if an estimate of undiscounted future operating cash flows is less than its carrying amount.

New accounting standards In July 2001, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) 141, Business Combinations, and SFAS 142, Goodwill and Other Intangible Assets. SFAS 141 requires that the purchase method of accounting be used for all business combinations initiated after June 30, 2001. SFAS 141 also specifies criteria that identifies intangible assets acquired in a purchase method business combination must be recognized and reported apart from goodwill. SFAS 142 requires that goodwill and intangible assets with indefinite useful lives no longer be amortized, but instead tested for impairment at least annually. SFAS 142 also requires that intangible assets with definite useful lives be amortized over their respective

estimated useful lives.

The Company adopted SFAS 141 during 2001. SFAS 142 adoption will be effective January 1, 2002. The ceasing of goodwill amortization under SFAS 142 will benefit pre-tax earnings in 2002 by approximately \$750. The Company is evaluating whether any write-down of goodwill may be required as a result of implementing this new standard.

SFAS 144, Accounting for the Impairment or Disposal of Long-Lived Assets, was issued in October 2001. SFAS 144 provides new guidance on the recognition of impairment losses on long-lived assets to be held and used or to be disposed of and also broadens the definition of what constitutes a discontinued operation and how the results of a discontinued operation are to be measured and presented. The provisions of SFAS 144 are effective for fiscal years beginning after December 15, 2001. The Company will adopt the provisions of this statement on January 1, 2002, and does not expect adoption will have a material impact on its consolidated results of operations or financial position.

2 Restatement

Tennant Company announced in February 2003 that due to a technical accounting interpretation brought to the Company's attention by its auditors, the Company is restating its financial statements to recognize revenues and earnings associated with the sales of its equipment to a U.S. third party lessor, that occurred between 1998 and 2002, over the lease period for operating lease transactions and, for short-term rental transactions, at the time the customer converts the short-term rental to an outright purchase or long-term capital lease of the equipment. Previously, revenues and earnings associated with these sales were recognized at the time of shipment. The original contract between the Company and the U.S. third party lessor included retained ownership risk provisions that were determined to preclude operating lease and short-term rental transactions from meeting the criteria for sale treatment under Statement of Financial Accounting Standards No. 13. The effect of the correction to the timing of the revenue recognition on these transactions in the 1999-2001 consolidated financial statements includes a reduction in previously reported net earnings of \$0.2 million and \$0.5 million and net earnings per share diluted of \$0.02 and \$0.05 for the years ended December 31, 2001 and 2000, respectively, and an increase in previously reported net earnings of \$0.1 million and net earnings per share diluted of \$0.01 for the year ended December 31, 1999. The consolidated financial statements as of December 31, 2001 and 2000 and for the three years ended December 31, 2001, 2000 and 1999 and notes thereto included in this Form 10-K/A have been restated to include the effects of the correction to the timing of the revenue recognition. Impacted financial statement line items were sales, cost of sales, interest expense, income tax expense, inventory, machinery and equipment, accumulated depreciation, deferred taxes, accrued expenses, deferred revenue and debt. There was no impact on cash flows or cash and cash equivalents. The consolidated financial statements as of December 31, 2001 and 2000 and for the three years ended December 31, 2001, 2000 and 1999 and notes thereto included in this Form 10-K/A have been restated to include the effects of the correction to the timing of the revenue recognition, as follows:

	20	01		2000				1999			
Years ended December 31	As Previously Reported		Restated		As Previously Reported		Restated		As Previously Reported		Restated
CONSOLIDATED STATEMENTS OF EARNINGS											
Net sales	\$ 422,970	\$	422,425	\$	454,044	\$	452,176	\$	429,407	\$	429,739
Cost of sales	269,080		268,500		270,855		269,658		255,398		255,528
Interest income, net	340		2		807		646		275		182
Earnings before income taxes	13,749		13,446		44,044		43,212		30,586		30,694
Income tax expense	8,945		8,838		15,794		15,470		10,893		10,939
Net earnings	4,804		4,608		28,250		27,742		19,693		19,755
Net earnings per common share											
- Basic	\$ 0.53	\$	0.51	\$	3.11	\$	3.05	\$	2.16	\$	2.17
- Diluted	\$ 0.52	\$	0.50	\$	3.09	\$	3.04	\$	2.15	\$	2.16

	December	31, 2001	December	31, 2000
	As Previously		As Previously	
	Reported	Restated	Reported	Restated
CONSOLIDATED BALANCE SHEETS				

Inventories	\$ 47,080	\$ 48,288	\$ 51,915	\$ 53,507
Total current assets	152,387	153,595	171,628	173,220
Net property, plant and equipment	69,792	73,096	66,713	69,054
Deferred income taxes long-term	4,068	5,496	4,236	5,491
Total assets	246,619	252,559	263,285	268,472
Current debt	9,765	13,418	12,572	15,274
Accounts payable, accrued expenses and deferred				
revenue	45,883	48,031	54,683	57,594
Total current liabilities	55,648	61,449	67,255	72,868
Long-term debt	10,000	12,496	10,000	11,736
Total liabilities	92,291	100,588	108,337	115,685
Retained earning	164,302	161,945	166,274	164,113
Total shareholders equity	154,328	151,971	154,948	152,787
Total liabilities and shareholders equity	246,619	252,559	263,285	268,472

	2001		200	00	199	9
Years ended December 31	As Previously Reported	Restated	As Previously Reported	Restated	As Previously Reported	Restated
CONSOLIDATED STATEMENTS OF CASH FLOWS	Керопец	Restated	Reported	Restateu	Reported	Restated
Net earnings	4,804	4,608	28,250	27,742	19,693	19,755
Depreciation and amortization	18,507	19,282	18,391	18,766	18,667	19,028
Deferred tax benefits	1,420	1,247	4,540	4,287	(1,767)	(1,730)
Increase (decrease) in inventories Increase (decrease) in accounts payable, accrued expenses and	5,239	5,622	(6,488)	(6,427)	1,620	2,170
deferred revenue	(7,985)	(8,746)	(4,036)	(4,391)	123	(967)
Other, net	968	940	550	1,230	1,754	1,834

3 Restructuring and Other Unusual Charges

During 2001 the Company recorded pre-tax charges of \$9,962 for restructuring and \$1,007 for a write-down of inventory. The restructuring charges related to a workforce reduction and the closure of a leased plant in Germany and the transfer of its production to a contract manufacturer in the Czech Republic. Approximately 150 employees were terminated as a result of these actions. The charges primarily consisted of severance payments, building lease costs and write-downs of certain fixed assets and are classified as restructuring charges. The inventory write-down related to the closing of the leased plant in Germany and has been classified in cost of sales. The majority of these actions were completed during 2001 with the remainder expected to be completed during 2002.

The components of the 2001 restructuring charges and cash and noncash applications against these charges were as follows:

	Severance, Early Retirement and Related Costs	Noncancelable Contractual Obligations and Other	Total
2001 Initial charges	\$ 6,159 \$	3,803	\$ 9,962
2001 Utilization:			
Cash	(4,801)	(708)	(5,509)
Noncash	(397)	(2,276)	(2,673)

2001 year-end liability			
balance	\$ 961 \$	819 \$	1,780

The Company recorded pre-tax charges totaling \$6,671 during 1999. The charges pertained to management initiatives to restructure the main manufacturing organizations in North America and Europe. The actions were intended to improve the efficiency and productivity of those organizations and reduce global infrastructure. Actions included closing several warehouses in North America and closing, or reducing activities in, several of the European sales and service facilities. Severance and early retirements also contributed to the charges. The result was approximately 110 fewer positions in Europe and North America combined. This restructuring program was substantially complete by the end of 2001.

The components of the initial charges and cash and noncash applications against the 1999 charges were as follows:

	Severance, Early Retirement and Related Costs	Noncancelable Contractual Obligations and Other	Total
1999 Initial charges	\$ 4,5	593 \$ 2,078	8 \$ 6,671
1999 Utilization:			
Cash	(1,6	548)	(1,648)
Noncash		(234	4) (234)
1999 year-end liability balance	2,9	1,84	4,789
2000 Utilization:			
Cash	(2,0	090) (31)	1) (2,401)
Noncash		(354	4) (354)
2000 year-end liability balance	8	355 1,179	9 2,034
2001 Utilization:			
Cash	(6	533) (269	9) (902)
Noncash	(2	222) (445	5) (667)
2001 year-end liability balance	\$	\$ 469	5 \$ 465

The above liabilities are included in Accounts payable, accrued expenses and deferred revenue.

4 Inventories

The composition of inventories at December 31 was as follows:

	200	1 Restated	2000 Restated
FIFO inventories:			
Finished goods	\$	34,271	34,575
Raw materials, parts and work-in-process		34,487	37,735
Total FIFO inventories		68,758	72,310
LIFO reserve		(20,470)	(18,803)
LIFO inventories	\$	48,288	53,507

The LIFO reserve approximates the difference between LIFO carrying cost and replacement cost.

5 Property, Plant and Equipment

Property, plant and equipment and related accumulated depreciation at December 31 consisted of the following:

	2001 Restated	2000 Restated
Land	\$ 3,756	\$ 3,201
Buildings and improvements	31,596	28,198
Machinery and equipment	162,988	154,207
Construction in progress	2,485	1,425
Total property, plant and equipment	200,825	187,031
Less accumulated depreciation	(127,729)	(117,977)
Net property, plant and equipment	\$ 73,096	\$ 69,054

6 Goodwill and Intangible Assets

The gross and net amounts of goodwill and intangible assets at December 31 consisted of the following:

	2001	2000
Goodwill gross	\$ 22,849	\$ 23,538
Less accumulated amortization	(6,476)	(6,786)
	\$ 16,373	\$ 16,752
Other intangibles gross	\$ 1,075	\$ 3,139
Less accumulated amortization	(250)	(2,191)
	\$ 825	\$ 948
Total intangible assets gross	\$ 23,924	\$ 26,677
Less accumulated amortization	(6,726)	(8,977)
Goodwill and intangible assets, net	\$ 17,198	\$ 17,700

7 Short- and Long-Term Debt

Debt at December 31 consisted of the following:

	2001 Restate	d	2000 Resta	ted
Short-term borrowings:				
Short-term bank borrowings	\$	9,206	\$	7,013
Current portion of long-term debt				5,000
Collateralized borrowings		4,212		3,261
Total short-term borrowings	\$ 1	13,418	\$	15,274

Long-term debt:

Note at 7.21%, due in 2003	\$ 5,000	\$ 5,000
Note at 7.84%, due in 2005	5,000	5,000
Collateralized borrowings	2,496	1,736
Total long-term debt	\$ 12,496	\$ 11,736

The weighted-average interest rates on the short-term bank borrowings at December 31, 2001 and 2000, were 6.4% and 5.8%, respectively. This interest rate represents the weighted-average rate for the respective period and is calculated using the actual interest costs, exclusive of commitment fees, and month-end average outstanding debt.

Collateralized borrowings primarily represent deferred sales proceeds on certain leasing transactions with our U.S. third party leasing company.

At December 31, 2001, the Company had available uncommitted lines of credit with banks in the amount of \$26,000.

Minimum principal payments are due as follows: \$5,000 in 2003 and \$5,000 in 2005.

Interest paid during 2001, 2000 and 1999, was \$1,788, \$1,766 and \$2,589, respectively.

8 Accounts Payable, Accrued Expenses and Deferred Revenue

Accounts payable, accrued expenses and deferred revenue at December 31 consisted of the following:

	20	01 Restated	2000 Restated
Trade accounts payable	\$	19,294	\$ 15,648
Employee profit sharing		87	3,894
Wages, bonuses and commissions		11,786	19,162
Taxes, other than income taxes		3,368	3,683
Restructuring reserves		2,245	2,034
Warranty		4,062	3,818
Deferred revenue		2,161	2,988
Other		5,028	6,367
Total	\$	48,031	\$ 57,594

9 Fair Value of Financial Instruments

The Company s short-term financial instruments are valued at their carrying amounts in the consolidated balance sheets, which are reasonable estimates of their fair value due to their short maturities. The Company s foreign currency forward exchange contracts are valued at fair market value, which is the amount the Company would receive or pay to terminate the contracts at the reporting date. The fair market value of the Company s long-term debt approximates cost, based on the borrowing rates currently available to the Company for bank loans with similar terms and remaining maturities.

At December 31, 2001 and 2000, the notional amount of foreign currency forward exchange contracts outstanding was \$21,744 and \$4,980, respectively.

10 Retirement Benefit Plans

Substantially all U.S. employees are covered by various retirement benefit plans maintained by the Company. Retirement benefits for eligible employees in foreign locations are funded principally through annuity or government programs. The total cost of these benefits was \$4,962, \$5,257 and \$7,928 in 2001, 2000 and 1999, respectively.

The Company has a 401(k) plan that covers substantially all U.S. employees. Under this plan, Tennant matches employee contributions to the plan up to 4% in the form of Tennant stock. The Company also makes a profit sharing contribution to the plan to employees with more than one year of service in accordance with Tennant stock and is based upon Company financial performance, subject to a 2% minimum contribution. Both the matching and profit sharing contributions are funded primarily by the Company s ESOP Plan. Expenses under these plans were \$3,051, \$4,341 and \$4,152 during 2001, 2000 and 1999, respectively.

During 2000, the Company approved enhancements to the defined benefit retirement plan (the Former Plan) that also offered each plan member the choice of remaining in a modified defined benefit plan (the Tennant Company Pension Plan), or leaving the Former Plan and receiving a lump-sum distribution that could be rolled over into the 401(k) plan.

During 2001, assets and liabilities attributable to approximately 300 employees and all inactive participants were spun off into the Tennant Company Pension Plan. This plan received benefit enhancements increasing the projected benefit obligation approximately \$5,900 effective January 1, 2001. Plan benefits are based on the employee s years of service and compensation during the highest five consecutive years of service of the final ten years of employment.

The enhancements to the Former Plan increased the projected benefit obligation approximately \$10,600 for the remaining 900 participants that elected to leave and receive a lump-sum distribution. The Former Plan was terminated during 2001, and the Plan assets were distributed to the participants resulting in a non-recurring, pension settlement gain of \$5,928 before tax.

The Company also provides certain health-care benefits for substantially all of its U.S. retired employees. Eligibility for those benefits is based upon a combination of years of service with the Company and age upon retirement from the Company.

Summaries related to changes in benefit obligations and plan assets and to the funded status of the defined benefit and postretirement medical benefit plans were as follows:

	Pension Benefits				Postretirement Medical Benefits			
		2001		2000	2001		2000	
Change in benefit obligation:								
Benefit obligation at beginning of								
year	\$	25,258	\$	26,782	\$ 12,817	\$	11,800	
Service cost		850		1,660	347		317	
Interest cost		1,410		1,577	878		855	
Amendments		16,515		831				
Actuarial loss/(gain)		2,087		(4,570)	150		286	
Benefits paid		(23,929)		(1,022)	(637)		(441)	
Benefit obligation at end of year	\$	22,191	\$	25,258	\$ 13,555	\$	12,817	
Change in plan assets:								
Fair value of plan assets at								
beginning of year	\$	50,712	\$	54,937	\$	\$		
Actual return on plan assets		922		(3,310)				
Employer contributions		108		107	637		441	

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Benefits paid	(23,929)	(1,022)		(637)	(441)
Fair value of plan assets at end of					
year	\$ 27,813	\$ 50,712	\$		\$
Funded status	\$ 5,622	\$ 25,454	\$	(13,555)	\$ (12,817)
Unrecognized actuarial loss/(gain)	(13,310)	(34,114)		6	(144)
Unrecognized transition					
obligation/(asset)	(177)	(404)			
Unrecognized prior service cost	5,996	999			
Net accrued liability	\$ (1,869)	\$ (8,065)	\$	(13,549)	\$ (12,961)
Amounts recognized in the consolidated balance sheets consisted of:					
Accrued benefit liability	\$ (2,037)	\$ (8,150)	\$	(13,549)	\$ (12,961)
Intangible asset	168	85			
Net accrued liability	\$ (1,869)	\$ (8,065)	\$	(13,549)	\$ (12,961)
Weighted-average assumptions as of December 31:					
Discount rate	7.00%	7.30%)	7.00%	7.30%
Expected return on plan assets	9.50%	9.50%)		
Rate of compensation increase	4.00%	4.00%)		

The projected benefit obligation, accumulated benefit obligation and fair value of plan assets for the pension plan with accumulated benefit obligations in excess of plan assets were \$1,956, \$1,619 and \$0, respectively, as of December 31, 2001, and \$1,638, \$1,387 and \$0, respectively, as of December 31, 2000.

For purposes of determining the December 31, 2001, accumulated post-retirement medical benefit obligations, the weighted-average assumed annual rate of future increases in the per-capita cost of covered health-care benefits was 10.0% for 2002, declining gradually to 5.75% in 2022 and after.

The health-care trend rate assumption does not have a large impact on the postretirement medical benefit obligations since the Company s obligations are largely fixed dollar amounts in future years. To illustrate, a one-percentage-point change in assumed health-care cost trends would have the following effects:

	1-Percentage- Point Increase	1-Percentage- Point Decrease
Effect on total of service and interest cost		
components	\$ 29	\$ (33)
Effect on postretirement benefit obligation	\$ 253	\$ (280)

Components of net periodic benefit cost:

	Pension Benefits					
		2001		2000		1999
Service cost	\$	850	\$	1,660	\$	2,375
Interest cost		1,410		1,577		1,609
Expected return on plan assets		(2,141)		(3,195)		(2,338)
Recognized actuarial gain		(827)		(1,307)		(365)
Amortization of transition obligation/(asset)		(22)		(46)		(46)

Amortization of prior service cost	570	89	89
Net periodic cost (benefit)	(160)	(1,222)	1,324
Settlement gain	(5,928)		
Restructuring charge			767
Total cost (benefit)	\$ (6,088)	\$ (1,222)	\$ 2,091

Postretirement Medical Benefits

	2	2001	2000	1999
Service cost	\$	347	\$ 317	\$ 399
Interest cost		878	855	784
Net periodic cost	\$	1,225	\$ 1,172	\$ 1,183

For purposes of determining the 2001 postretirement medical net periodic benefit cost, the weighted-average assumed annual rate of future increase in the per-capita cost of covered health-care benefits was 9.1% for 2001, declining gradually to 6.0% in 2021 and after.

11 Common and Preferred Stock and Additional Paid-in Capital

The Company is authorized to issue an aggregate of 31,000,000 shares; 30,000,000 were designated as Common Stock, having a par value of \$0.375 per share, and 1,000,000 were designated as Preferred Stock, having a par value of \$0.02 per share. The Board of Directors is authorized to establish one or more series of Preferred Stock, setting forth the designation of each such series, and fixing the relative rights and preferences of each such series.

On November 19, 1996, the Board of Directors approved a Shareholder Rights Plan allowing a dividend of one preferred share purchase Right for each outstanding Common Share of the par value of \$0.375 per share of the Company. Each Right entitles the registered holder to purchase from the Company one one-hundredth of a Series A Junior Participating Preferred Share of the par value of \$0.02 per share of the Company at a price of \$100 per one one-hundredth of a Preferred Share, subject to adjustment. The Rights are not exercisable or transferable apart from the common stock until the earlier of: (i)the close of business on the fifteenth day following a public announcement that a person or group of affiliated or associated persons has become an Acquiring Person (i.e., has become, subject to certain exceptions, the beneficial owner of 20% or more of the outstanding Common Shares), or (ii) the close of business on the fifteenth day following the commencement or public announcement of a tender offer or exchange offer the consummation of which would result in a person or group of affiliated or associated persons becoming, subject to certain exceptions, the beneficial owner of 20% or more of the outstanding Common Shares (or such later date as may be determined by the Board of Directors of the Company prior to a person or group of affiliated or associated persons becoming an Acquiring Person). At no time do the Rights have any voting power. The Rights may be redeemed by the Company for \$0.01 per right at any time prior to (and, in certain circumstances, within twenty days after) a person or group acquiring 20% or more of the common stock. The 20% thresholds do not apply to stock ownership by or on behalf of employee benefit plans. Under certain circumstances, the Board of Directors may exchange the Rights for the Company s common stock or reduce the 20% thresholds to not less than 10%. The Rights will expire on December 23, 2006, unless extended or earlier redeemed or exchanged by the Company.

12 Leases

The Company leases office and warehouse facilities, vehicles and office equipment under operating lease agreements which include both monthly and longer-term arrangements. Leases with initial terms of one year or more expire at various dates through 2006 and generally provide for extension options. Rent expense under the leasing agreements (exclusive of real estate taxes, insurance and other expenses payable under the leases) amounted to \$4,645, \$5,110 and \$4,065, in 2001, 2000 and 1999, respectively.

The aggregate lease commitments with an initial term of one year or more at December 31, 2001, were \$7,808 with minimum rentals for the periods as follows:

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2002	\$ 2,964
2003	2,160
2004	1,297
2005	799
2006 and beyond	588
Total	\$ 7,808

13 Income Taxes

In 2001, 2000 and 1999, the Company recognized tax benefits directly to shareholders equity of \$468, \$375 and \$679, respectively, relating to the Company s ESOP and stock plans.

Income tax expense (benefit) for the three years ended December 31, 2001, was as follows:

	Current	Deferred	Total
2001 Restated			
Federal	\$ 6,894	\$ 1,436	\$ 8,330
Foreign	25	(524)	(499)
State	606	401	1,007
	\$ 7,525	\$ 1,313	\$ 8,838
2000 Restated			
Federal	\$ 9,056	\$ 3,601	\$ 12,657
Foreign	416	564	980
State	1,782	51	1,833
	\$ 11,254	\$ 4,216	\$ 15,470
1999 Restated			
Federal	\$ 11,065	\$ (1,574)	\$ 9,491
Foreign	21	477	498
State	1,299	(349)	950
	\$ 12,385	\$ (1,446)	\$ 10,939

The Company s effective income tax rate varied from the U.S. federal statutory tax rate for the three years ended December 31, 2001 as follows:

	2001 Restated	2000 Restated	1999 Restated
Tax at statutory rate	35.0%	35.0%	35.0%
Increases (decreases) in the tax rate from:			
State and local taxes, net of federal benefit	4.9	2.8	2.0
Effect of foreign taxes	(1.2)	1.0	0.3
Valuation allowance	31.7		
Effect of foreign sales corporation	(4.6)	(2.5)	(2.1)
Other, net	(0.1)	(0.5)	0.4
Effective income tax rate	65.7 %	35.8%	35.6%

Deferred tax assets and liabilities were comprised of the following as of December 31, 2001 and 2000:

		2001 Restated	2000 Restated
Deferred tax assets:			
Inventories, principally due to additional costs inventoried for tax purposes pursuant to the Tax Reform Act of 1986 and changes in inventory			
reserves	\$	1,234	\$ 1,623
Employee wages and benefits, principally due to accruals for financial reporting purposes	·	11,459	14,082
Warranty reserves accrued for financial reporting purposes		1,323	1,195
Accounts receivable, principally due to allowance for doubtful accounts and tax accounting method for equipment rentals		2,566	2,211
European tax loss carryforward		4,267	2,211
Valuation allowance		(4,267)	
Other		890	83
Total deferred tax assets	\$	17,472	\$ 19,194
Deferred tax liabilities:			
Property, plant and equipment, principally due to differences in depreciation and related gains	\$	3,595	\$ 4,358
Goodwill		1,502	1,171
Total deferred tax liabilities	\$	5,097	\$ 5,529
Net deferred tax assets	\$	12,375	\$ 13,665

A tax loss carryforward of \$14,345 is primarily attributable to 2001 losses from European restructuring initiatives. Because of the uncertainty regarding realizability of this asset, a valuation allowance was established against this loss carryforward. A valuation allowance for the remaining deferred tax assets is not required since it is likely that they will be realized through carryback to taxable income in prior years, future reversals of existing taxable temporary differences and future taxable income.

Income taxes paid were \$10,390, \$15,420 and \$12,944, in 2001, 2000 and 1999, respectively.

U.S. income taxes are not provided on undistributed earnings of international subsidiaries which are permanently reinvested. At December 31, 2001, earnings permanently reinvested in international subsidiaries not subject to a U.S. income tax provision were \$3,251. If ever remitted to the Company in a taxable distribution, U.S. income taxes would be substantially offset by available foreign tax credits.

14 Stock Award Plans

The Company has six plans under which stock-based compensation grants are provided annually. The 1992 Stock Incentive Plan (1992 Plan), 1995 Stock Incentive Plan (1995 Plan), 1998 Management Incentive Plan (1998 Plan) and 1999 Stock Incentive Plan (1999 Plan) provide for stock-based compensation grants to executives and key employees of the Company. The 1993 Directors Restricted Plan (1993 Plan) provides for the annual retainer in the form of restricted shares to the non-employee Directors of the Company. The 1997 Directors Option Plan (1997 Plan) provides for stock option grants to non-employee Directors of the Company. A maximum of 1,875,000 shares can be awarded under these plans; 577,000 shares were available for award as of December 31, 2001. The grant size under all plans is determined by the Compensation Committee of the Board of Directors.

Restricted shares are granted annually and typically have a two- or three-year restriction period from the effective date of the grant. During the restricted period, the restricted shares may not be sold or transferred, but the shares entitle the participants to dividends and voting rights. In 2001, 2000 and 1999, respectively, 9,100, 39,000 and 37,000 restricted shares were granted. The weighted-average fair values of stock on the grant date were \$43.64, \$34.43 and \$36.97 per share in 2001, 2000 and 1999, respectively.

Under the 1998 Plan, performance-related compensation grants were made and are payable in cash or shares. The awards earned are based on achievement of certain financial performance goals and payout is over a three-year period following the award year. In 2001, 2000 and 1999, respectively, \$662, \$649 and \$1,501 in grants were made.

In 2001, 2000 and 1999, respectively, expenses of \$1,021, \$2,585 and \$2,523 were charged to operations for the above-described restricted and performance-related award programs.

Under the 1995 Plan, the 1997 Plan and the 1999 Plan, 10-year fixed stock options are granted annually at a price equal to the stock s fair market value on the date of the grant. Options generally become exercisable on a cumulative basis at a rate of 25% per year.

A summary of the status of the Company s stock option transactions during 2001, 2000 and 1999 is shown below:

	Shares	Weighted- Average Exercise Price
1999		
Outstanding at beginning of year	452,600 \$	31.50
Granted	234,100	35.02
Exercised	(81,800)	24.55
Forfeited	(15,100)	34.30
Outstanding at end of year	589,800 \$	33.79
Exercisable at end of year	310,200 \$	33.13
2000		
Outstanding at beginning of year	589,800 \$	33.79
Granted	271,800	33.94
Exercised	(59,800)	32.22
Forfeited		
Outstanding at end of year	801,800 \$	33.96
Exercisable at end of year	460,400 \$	33.96
2001		
Outstanding at beginning of year	801,800 \$	33.96
Granted	210,200	43.66
Exercised	(80,300)	32.38
Forfeited	(43,800)	36.53
Outstanding at end of year	887,900 \$	36.25
Exercisable at end of year	523,500 \$	34.64

At December 31, 2001, outstanding options had exercise prices between \$22.00 and \$49.63 per share and a weighted-average contractual life of 6.9 years.

The Company has adopted the disclosure-only provisions of SFAS 123, Accounting for Stock-Based Compensation. In accordance with SFAS 123, the fair value of options at the date of grant is estimated using the Black-Scholes option pricing model. The following weighted-average assumptions were used for the 2001, 2000 and 1999 grants, respectively: dividend yield of 1.8%, 2.3% and 2.2%; expected volatility of 21%, 20% and 39%; risk-free interest rates of 4.9%, 6.4% and 5.2%; and expected life of option of five years. The weighted-average fair value of each option granted was \$8.60, \$8.20 and \$11.62 in 2001, 2000 and 1999, respectively.

Had stock-based compensation cost been determined consistent with the provisions of SFAS 123, net earnings per share would have been reduced to the pro forma amounts indicated below:

					1999
			2001 Restated	2000 Restated	Restated
Net earnings	as reported	\$	4,608	\$ 27,742	\$ 19,755
Net earnings	pro forma	\$	3,593	\$ 26,487	\$ 18,235
Diluted earnin	gs per share	as reported \$	0.50	\$ 3.04	\$ 2.16
Diluted earnin	gs per share	pro forma \$	0.39	\$ 2.90	\$ 2.00

15 Employee Stock Ownership Plan

The Company established a leveraged Employee Stock Ownership Plan (ESOP) in 1990. The ESOP covers substantially all domestic employees. The shares required for the Company s 401(k) matching contribution program, as well as the Company s Profit Sharing Plan, are provided principally by the Company s ESOP, supplemented as needed by newly issued shares. The Company makes annual contributions to the ESOP equal to the ESOP s debt service less dividends and Company match contributions received by the ESOP. All dividends received by the ESOP are used to pay debt service. The ESOP shares initially were pledged as collateral for its debt. As the debt is repaid, shares are released from collateral and allocated to employees who made 401(k) contributions that year, as well as to profit sharing participants, based on the proportion of debt service paid in the year. The Company accounts for the ESOP in accordance with EITF Issue 89-8, Expense Recognition for Employee Stock Ownership Plans. Accordingly, the shares pledged as collateral are reported as unearned ESOP shares in the consolidated balance sheets. As shares are released from collateral, the Company reports compensation expense equal to the cost of the shares to the ESOP. All ESOP shares are considered outstanding in EPS computations, and dividends on allocated and unallocated shares are recorded as a reduction of retained earnings.

The Company s cash contributions to the ESOP during 2001, 2000 and 1999 were \$1,239, \$1,203 and \$1,225, respectively.

Expenses in excess of (less than) benefits provided to employees through the ESOP, which were recorded in miscellaneous expense (income), were \$110, \$(402) and \$469 in 2001, 2000 and 1999, respectively. Interest earned and received on the Company loan to the ESOP was \$1,222, \$1,301 and \$1,372, in 2001, 2000 and 1999, respectively. Dividends on the Company shares held by the ESOP used for debt service were \$813, \$818 and \$799, in 2001, 2000 and 1999, respectively. At December 31, 2001, the

ESOP indebtedness to the Company, which bears an interest rate of 10.05% and is due December 31, 2009, was \$11,087.

The ESOP shares as of December 31 were as follows:

	2001	2000	1999
Allocated shares	569,221	479,660	430,923
Shares released for allocation		38,987	37,988
Unreleased shares	399,845	450,419	500,155
Total ESOP shares	969,066	969,066	969,066

16 Earnings Per Share Computations

The computations of basic and diluted earnings per share for the years ended December 31 were as follows:

	Net Earnings (Numerator)	Shares (Denominator)	Per-Share Amount	
2001 Restated				
Basic earnings per share	\$ 4,608	9,070,000	\$	0.51
Dilutive share equivalents		133,000		
Diluted earnings per share	\$ 4,608	9,203,000	\$	0.50
2000 Restated				

Basic earnings per share	\$ 27,742	9,082,000	\$ 3.05
Dilutive share equivalents		53,000	
Diluted earnings per share	\$ 27,742	9,135,000	\$ 3.04
1999 Restated			
Basic earnings per share	\$ 19,755	9,097,000	\$ 2.17
Dilutive share equivalents		43,000	
Diluted earnings per share	\$ 19,755	9,140,000	\$ 2.16

17 Segment Reporting

The Company operates in one industry segment which consists of the design, manufacture and sale of products used primarily in the maintenance of nonresidential floors.

The following sets forth net sales and long-lived assets by geographic area:

	200	1 Restated	2000 Restated	1999 Restated		
Net sales:						
North America	\$	301,529	\$ 326,083	\$	304,779	
Europe		80,605	80,668		82,234	
Other international		40,291	45,425		42,726	
Total	\$	422,425	\$ 452,176	\$	429,739	

	2001 Restated	2000 Restated
Long-lived assets:		
North America	\$ 81,178	3 \$ 76,426
Europe	11,026	11,971
Other international	1,264	1,364
Total	\$ 93,468	8 \$ 89,761

	2001 As Originally Reported		2000 As Originally Reported		1999 As Originally Reported
Net sales:					
North America	\$	302,074	\$ 327,951	\$	304,447
Europe		80,605	80,668		82,234
Other international		40,291	45,425		42,726
Total	\$	422,970	\$ 454,044	\$	429,407

	2001 As Originally Reported	2000 As Originally Reported
Long-lived assets:		
North America	\$ 77,874	\$ 74,086
Europe	11,026	11,971
Other international	1,264	1,364
Total	\$ 90,164	\$ 87,421

Net sales by geographic area are net of intercompany sales. North America sales include sales in the United States and Canada. Sales in Canada comprise less than 10% of consolidated sales and are interrelated with the Company s U.S. operations. No single customer represents more than 10% of the Company s consolidated sales.

18 Acquisition

On January 4, 1999, the Company acquired the shares and holdings in associated businesses of Paul Andra KG, a privately owned manufacturer of commercial floor maintenance equipment in Germany, for an aggregate consideration of \$10,059. Consolidated net sales in 1999 include 11 months as European entities were consolidated based on a November 30 year-end.

The purchase price was allocated to the acquired assets and assumed obligations based on their fair market values. The purchase price and related acquisition costs exceeded fair market values by approximately \$4,500. This amount has been recorded as goodwill and is being amortized on a straight-line basis over 20 years. The transaction has been accounted for using the purchase method of accounting, and as such, the Company s results of operations include PaulAndra KG business results since the acquisition date.

19 Consolidated Quarterly Data (Unaudited)

	Net Sales				Gross Profit			
Quarter	2001 Restated		2001 Restated 2000 Restated		20	01 Restated	2000 Restated	
First	\$	104,628	\$	108,629	\$	40,245	\$	44,117
Second		109,667		114,537		39,929		46,456
Third		105,129		115,478		37,971		45,774
Fourth		103,001		113,532		35,780		46,171
Year	\$	422,425	\$	452,176	\$	153,925	\$	182,518

		Net Ear	nings			Diluted Ea		3
Quarter	2001	Restated	200	0 Restated	2001 Res	ated	200	0 Restated
First	\$	439(1)	\$	5,545	\$	0.05(1)	\$	0.61
Second		1,023(1)		7,455		0.11(1)		0.82
Third		2,936		7,327		0.32		0.80
Fourth		210(1)		7,415		0.02(1)		0.81
Year	\$	4,608(1)	\$	27,742	\$	0.50(1)	\$	3.04

(1) Includes after-tax restructuring charges of \$3,354 (\$0.36 per diluted share) and \$3,522 (\$0.39 per diluted share) in the first and second quarters, respectively, as well as the after-tax pension settlement gain of \$3,735 (\$0.41 per diluted share) and the deferred tax asset valuation allowance of \$4,267 (\$0.47 per diluted share) in the fourth quarter.

Regular quarterly dividends aggregated \$0.80 per share in 2001, or \$0.20 per share for all quarters, and \$0.78 per share in 2000 \$0.19 per share in the first and second quarters; \$0.20 in the third and fourth quarters).

Management s Report

The Company s management is responsible for the integrity and accuracy of the financial statements. Management believes that the financial statements for the three years ended December 31, 2001, have been prepared in conformity with accounting principles generally accepted in the United States of America appropriate in the circumstances. In preparing the financial statements, management makes informed judgments and estimates where necessary to reflect the expected effects of events and transactions that have not been completed.

In meeting its responsibility for the reliability of the financial statements, management relies on a system of internal accounting controls. This system is designed to provide reasonable assurance that assets are safeguarded and transactions are executed in accordance with management s authorization and recorded properly to permit the preparation of financial statements in accordance with accounting principles generally accepted in the United States of America. The design of this system recognizes that errors or irregularities may occur and that estimates and judgments are required to assess the relative cost and expected benefits of the controls. Management believes that the Company s accounting controls provide reasonable, but not absolute, assurance that errors or irregularities that could be material to the financial statements are prevented or would be detected within a timely period.

The Audit Committee of the Board of Directors, which is comprised solely of Directors who are not employees of the Company, is responsible for monitoring the Company s accounting and reporting practices. The Audit Committee meets periodically with management and the independent auditors to discuss internal accounting controls, auditing and financial reporting matters.

Independent Auditors Report

The Board of Directors and Shareholders Tennant Company:

We have audited the accompanying consolidated balance sheets of Tennant Company and subsidiaries as of December 31, 2001 and 2000, and the related consolidated statements of earnings, cash flows, and shareholders—equity and comprehensive income for each of the years in the three-year period ended December 31, 2001. These consolidated financial statements are the responsibility of the Company—s management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Tennant Company and subsidiaries as of December 31, 2001 and 2000, and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2001, in conformity with accounting principles generally accepted in the United States of America.

As discussed in Note 2 to the accompanying consolidated financial statements, the accompanying consolidated balance sheets as of December 31, 2001 and 2000, and the related consolidated statements of earnings, shareholders equity and comprehensive income, and cash flows for the three years ended December 31, 2001, 2000 and 1999 have been restated.

/s/ KPMG LLP

Minneapolis, Minnesota

February 5, 2002, except as to note 2, which is as of March 25, 2003

ITEM 9 Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

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PART III

Part III is included in the Tennant Company 2002 Proxy (to the extent specific pages are referred to on the Cross Reference Sheet) and is incorporated in this Form 10-K/A Annual Report by reference, except Item 13 Certain Relationships and Related Transactions, of which there were none, and Item 10 Directors and Executive Officers of the Registrant as it relates to executive officers. Identification of executive officers is included in Part I of this Form 10-K/A Annual Report.

PART IV

ITEM 14 Exhibits, Financial Statement Schedule, and Reports on Form 8-K

- A. The following documents are filed as a part of this report:
- 1. Financial Statement Schedules

Schedule II Valuation and Qualifying Accounts

(Dollars in Thousands)

Allowance for doubtful accounts	begi	ance at nning of year	Additions charged to costs and expenses	Deductions from reserves (1)	Balance at end of year
Year ended December 31, 2001	\$	4,178	\$ 2,016	\$ 1,493	\$ 4,701
Year ended December 31, 2000	\$	4,393	\$ 1,270	\$ 1,485	\$ 4,178
Year ended December 31, 1999	\$	2,956	\$ 1,568	\$ 131	\$ 4,393

(1) Accounts determined to be uncollectible and charged against reserve, net of collections on accounts previously charged against reserves.

Warranty reserves	begir	ance at nning of ear	Additi- charge- costs a expen-	d to and]	Deductions from reserves	Balance at end of year
Year ended December 31, 2001	\$	3,818	\$	6,909	\$	6,665	\$ 4,062
Year ended December 31, 2000	\$	3,222	\$	6,185	\$	5,589	\$ 3,818
Year ended December 31, 1999	\$	2,903	\$	5,516	\$	5,197	\$ 3,222

Inventory reserves	 lance at inning of year	Additions charged to costs and expenses	Deductions from reserves	Balance at
Year ended December 31, 2001	\$ 2,846	\$ 4,523	\$ 4,545	\$ 2,824
Year ended December 31, 2000	\$ 3,532	\$ 1,979	\$ 2,665	\$ 2,846
Year ended December 31, 1999	\$ 2,766	\$ 2,345	\$ 1,579	\$ 3,532

All other schedules are omitted as the required information is inapplicable or because the required information is presented in the Consolidated Financial Statements in the Tennant Company 2001 Annual Report to Shareholders.

Independent Auditors Report on Financial Statement Schedule

The Board of Directors

Tennant Company:

Under date of February 5, 2002, except as to note 2, which is as of March 24, 2003, we reported on the consolidated balance sheets of Tennant Company and subsidiaries as of December 31, 2001 and 2000, and the related consolidated statements of earnings, cash flows, and shareholders equity and comprehensive income for each of the years in the three-year period ended December 31, 2001, which are included in Item 8. In connection with our audits of the aforementioned consolidated financial statements, we also audited the related consolidated financial statement schedule as included in Item 8. This financial statement schedule is the responsibility of the Company s management. Our responsibility is to express an opinion on this financial statement schedule based on our audits.

In our opinion, such financial statement schedule, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth herein.

/s/ KPMG LLP

Minneapolis, Minnesota

2. Exhibits

10.8

Item #	Description	Method of Filing
3i	Restated Articles of Incorporation	Incorporated by reference to Exhibit 3i to the Company s report on Form 10-Q for the quarterly period ended June 30, 1995.
3ii	Amended and Restated By-Laws	Incorporated by reference to Exhibit 3ii to the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 1999.
4.1	Rights Agreement, dated as of November 19, 1996 between Tennant Company and Wells Fargo Bank Minnesota, National Association (f/k/a Norwest Bank Minnesota, National Association)	Incorporated by reference to Exhibit 1 to Form 8-A dated November 26, 1996.
4.2	First Amendment, dated as of November 18, 1999, to Rights Agreement, dated as of November 19, 1996, between Tennant Company and Norwest Bank Minnesota, National Association	Incorporated by reference to Exhibit 1 to Form 8-A/A dated November 18, 1999.
10.1	Tennant Company Amended and Restated 1992 Stock Incentive Plan*	Incorporated by reference to Exhibit 4.4 to the Company s Registration Statement No. 33-59054, Form S-8 dated March 2, 1993.
10.2	Tennant Company 1995 Stock Incentive Plan*	Incorporated by reference to Exhibit 4.4 to the Company s Registration Statement No. 33-62003, Form S-8, dated August 22, 1995.
10.3	Tennant Company Restricted Stock Plan for Nonemployee Directors, (As Amended and Restated Effective January 1, 1999)*	Incorporated by reference to Exhibit 99 to the Company s Registration Statement No. 333-84374, Form S-8 dated March 15, 2002.
10.4	Tennant Company Excess Benefit Plan, as amended and restated effective January 1, 1998*	Incorporated by reference to Exhibit 10.4 to the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 2001.
10.5	Form of Management Agreement, including schedule of management parties*	Incorporated by reference to Exhibit 10.5 to the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 2001.
10.6	Tennant Company Non-Employee Director Stock Option Plan*	Incorporated by reference to the Company s Registration Statement No. 333-28641, Form S-8 dated June 6, 1997.
10.7	Tennant Company 1998 Management Incentive Plan, as amended*	Incorporated by reference to Exhibit 99 to the Company s Registration Statement No. 333-84372, Form S-8 dated March 15, 2002.

	Employment Agreement with Janet Dolan dated April 5, 1999*	Incorporated by reference to Exhibit 10III.2 to the Company s Quarterly Report on Form 10-Q for the quarterly period ended September 30, 1999.
10.9	Tennant Company Amended and Restated 1999 Stock Incentive Plan*	Incorporated by reference to the Company s Registration Statement No. 333-73706, Form S-8 dated November 19, 2001.
10.10	Tennant Commercial Retirement Savings Plan	Incorporated by reference to the Company s Registration Statement No. 333-51531 Form S-8 dated May 1, 1998 (originally filed under the name Castex Incorporated Employees Retirement Plan).
10.11	Tennant Company Profit Sharing and Employee Stock Ownership Plan, as amended and restated effective January 1, 2001	Incorporated by reference to Exhibit 10.11 to the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 2001.
10.12	Tennant Company Pension Plan, as amended and restated effective as of January 1, 2002	Incorporated by reference to Exhibit 10.12 to the Company s Annual Report on Form 10-K for the fiscal year ended December 31, 2001.
21.1	Subsidiaries of the Registrant	
	Tennant Company has the following significant subsidiaries:	
	Tennant Holding B.V. is a wholly owned subsidiary organized under the laws of The Netherlands in 1991. A legal reorganization occurred in 1991 whereby Tennant N.V. became a participating interest of Tennant Holding B.V. Tennant N.V. had previously been a wholly owned subsidiary organized under the laws of The Netherlands in 1970. Tennant Maintenance Systems, Limited, was a wholly owned subsidiary, organized under the laws of the United Kingdom until October 29, 1992, at which time Tennant Holding B.V. acquired 100% of its stock from Tennant Company. The name was formally changed to Tennant UK Limited on or about	

*Management contract or compensatory plan or arrangement required to be filed as an exhibit to this Form 10-K/A.

Filed herewith electronically.

Filed herewith electronically.

B. Reports on Form 8-K

Certifications

23.1

99.1

There were no reports filed on Form 8-K the quarter ended December 31, 2001.

October 16, 1996. Tennant Sales and Service Company is a wholly owned subsidiary organized under the laws of the state of Minnesota. The results of these operations have been consolidated into the financial statements, as indicated therein.

Independent Auditors Consent

CROSS REFERENCE

Form 10-K/A	Referenced	Location
Part III, Item 10 Directors and Executive Officers of the Registrant	2002 Proxy	*Pages 4 to 7
Part III, Item 11 Executive Compensation	2002 Proxy	*Pages 8 to 13
Part III, Item 12 Security Ownership of Certain Beneficial Owners and Management	2002 Proxy	*Pages 2 and 3

SIGNATURES

By

/s/ James T. Hale

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

TENNANT COMPANY

/s/ Janet M. Dolan

By

Бу	Janet M. Dolan President, CEO and	Бу	James T. Hale Board of Directors
	Board of Directors	Date	March 25, 2003
Date	March 25, 2003		
Ву	/s/ Anthony T. Brausen	Ву	/s/ Pamela K. Knous
	Anthony T. Brausen Vice President, Chief Financial Officer and Treasurer		Pamela K. Knous Board of Directors
Date	March 25, 2003	Date	March 25, 2003
Ву	/s/ Gregory M. Siedschlag	Ву	/s/ William I. Miller
	Gregory M. Siedschlag Corporate Controller and		William I. Miller Board of Directors

Principal	Accounting	Officer
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Date March 25, 2003

Date March 25, 2003

By /s/ Edwin L. Russell

Edwin L. Russell Board of Directors

Date March 25, 2003

By /s/ Stephen G. Shank

Stephen G. Shank Board of Directors

Date March 25, 2003

By /s/ Frank L. Sims

Frank L. Sims Board of Directors

Date March 25, 2003

CERTIFICATIONS

I, Janet M. Dolan, certify that:

- 1. I have reviewed this annual report on Form 10-K/A of Tennant Company;
- Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact
 necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with
 respect to the period covered by this annual report; and
- 3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report.

Date: /s/ March 25, 2003

/s/ Janet M. Dolan Janet M. Dolan

President and Chief Executive Officer

1, Anthony 1. Drausen, certify in	ony T. Brausen, certify the	Anthony T. Brausen, certify
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- 1. I have reviewed this annual report on Form 10-K/A of Tennant Company;
- 2. Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this annual report; and
- 3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report.

Date: /s/ March 25, 2003

/s/ Anthony T. Brausen
Anthony T. Brausen
Vice President, Chief Financial Officer
Treasurer