OMB APPROVAL			
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 OR 15(d) of
The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported: November 2, 2004

SUN HYDRAULICS CORPORATION

	(Exact name of registrant as specified in its chart	er)		
Florida	59-2754337			
(State or other jurisdiction	(Commission	(IRS Employer		
of incorporation)	File Number)	Identification No.)		
1500 West University	Parkway, Sarasota, Florida	34243		
(Address of principal executive offices) (Zip Code)				
Registrant's telephone number, including area code 941-362-1200				
(Fo	rmer name or former address, if changed since last	report.)		
neck the appropriate box below if the Fo by of the following provisions (see Gene	orm 8-K filing is intended to simultaneously satisfy ral Instruction A.2. below):	the filing obligation of the registrant under		
Written communications pursuant to F	Rule 425 under the Securities Act (17 CFR 230.425)		
Soliciting material pursuant to Rule 14	4a-12 under the Exchange Act (17 CFR 240.14a-12	2)		
Pre-commencement communications p	oursuant to Rule 14d-2(b) under the Exchange Act	(17 CFR 240.14d-2(b))		
	oursuant to Rule 13e-4(c) under the Exchange Act	(17 CEP 240 13a 4(c))		

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<u>Item 2.02. Results of Operations and Financial Condition.</u> <u>Item 9.01. Financial Statements and Exhibits.</u>

SIGNATURE

Ex-99.1: Press Release

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Item 2.02. Results of Operations and Financial Condition.

By press release dated November 2, 2004, the Registrant announced its financial results for the third quarter 2004.

Item 9.01. Financial Statements and Exhibits.

- (c) Exhibits.
 - 99.1 Press release dated November 2, 2004.

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this Report to be signed on its behalf by the undersigned thereunto duly authorized.

SUN HYDRAULICS CORPORATION

By: /s/ Richard J. Dobbyn

Richard J. Dobbyn Chief Financial Officer (Principal Financial and Accounting Officer)

Dated: November 3, 2004

FOR RELEASE: Immediately

CONTACT:

RICHARD ARTER INVESTOR RELATIONS 941-362-1200 RICHARD DOBBYN CHIEF FINANCIAL OFFICER 941-362-1200

SUN HYDRAULICS CORPORATION THIRD QUARTER NET INCOME EXCEEDS EXPECTATIONS

SARASOTA, FLA, NOVEMBER 2, 2004 - Sun Hydraulics Corporation (NASDAQ: SNHY) reported financial results for the third quarter 2004 as follows:

(Dollars in millions except net income per share)

<TABLE> <CAPTION>

	September	25, Septe	ember 27,	
	2004	2003	Increase	
<s></s>	<c></c>	<c></c>	<c></c>	
Three Months Ended	l			
Net Sales	\$ 23	.2 \$ 1	17.9 30	%
Net Income	\$	1.9 \$	0.5 280	0%
Net Income per share:				
Basic	\$ 0.27	\$ 0.	08 238%	6
Fully Diluted	\$ 0	.27 \$	0.08 23	38%
Nia - Manda Padad				
Nine Months Ended				
Net Sales	\$ 71		53.2 34	%
Net Income	\$:	5.8 \$	1.6 263	3%
Net Income per share:				
Basic	\$ 0.86	\$ 0.	24 258%	6
Fully Diluted	\$ 0	.85 \$	0.24 25	54%

 | | | |Sales increases by business segment were as follows:

<TABLE> <CAPTION>

	3rd Quarter	Year-to-date
<s></s>	<c></c>	<c></c>
United States	31%	37%
United Kingdo	m 199	% 15%
Germany	46%	42%
Korea	17%	30%

 | |Sun Hydraulics President, Allen Carlson, commented, "Sales increased 30% during the quarter compared to last year. Our flexible production capability and our responsive supplier base continue to provide excellent delivery performance to our customers.

Sales volume and productivity increases this quarter helped to offset increased material costs."

Gross profit for the third quarter increased 56% compared to the same quarter last year. Gross profit as a percentage of net sales increased to 30% from 25% last year.

"While we are now sharing in the raw material cost increases experienced by our suppliers, our production unit costs are unchanged," Carlson said. "We recently announced a modest price increase on selected products effective the beginning of next year. This will combat the rise in material costs as we continue to invest time and money to further improve our production processes".

OUTLOOK

Third quarter orders increased 33% compared to last year, and October orders

came in at an even higher rate.

Fourth quarter shipments are estimated to be \$22.0 million, which would be a 25% increase over the same quarter last year. The majority of this increase is projected to be in the U.S. operation as the rate of growth internationally is projected to slow.

Net income per share on sales of \$22.0 million should yield approximately \$0.15, which would bring net income per share for the year to \$1.00.

WEBCAST

Sun Hydraulics Corporation will broadcast its third quarter financial results conference call live over the Internet at 2:30 P.M. E.T. tomorrow, November 3, 2004. The conference call will be in conjunction with an Investor Open House to be held at the Company's facility at 701 Tallevast Road, Sarasota, Florida, from 2-5 P.M. To listen, go to http://investor.sunhydraulics.com/medialist.cfm. A copy of this earnings release is posted on the Investor Relations page of our website under "Press Releases."

WEBCAST Q&A

Questions may be submitted to the Company via email after reviewing this earnings release. Sun management will then answer these and other questions during the Company's webcast. If an individual wishes to ask questions directly during the webcast, the conference call may be accessed by dialing 1-800-361-0912.

Questions can be submitted by going to the Sun Hydraulics website, www.sunhydraulics.com, and clicking on Investor Relations on the left hand menu. Scroll down to the bottom of the page and click on contact email: investor@sunhydraulics.com, which will open an email window to type in your message. Sun Hydraulics will answer as many legitimate questions pertaining to the third quarter earnings release as possible during the webcast time.

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Sun Hydraulics Corporation is a leading designer and manufacturer of high performance screw-in hydraulic cartridge valves and manifolds for worldwide industrial and mobile markets. For more information about Sun, please visit our website at www.sunhydraulics.com.

FORWARD-LOOKING INFORMATION

Certain oral statements made by management from time to time and certain statements contained herein that are not historical facts are "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934 and, because such statements involve risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. Forward-looking statements, including those in Management's Discussion and Analysis of Financial Condition and Results of Operations are statements regarding the intent, belief or current expectations, estimates or projections of the Company, its Directors or its Officers about the Company and the industry in which it operates, and assumptions made by management, and include among other items, (i) the Company's strategies regarding growth, including its intention to develop new products; (ii) the Company's financing plans; (iii) trends affecting the Company's financial condition or results of operations; (iv) the Company's ability to continue to control costs and to meet its liquidity and other financing needs; (v) the declaration and payment of dividends; and (vi) the Company's ability to respond to changes in customer demand domestically and internationally, including as a result of standardization. Although the Company believes that its expectations are based on reasonable assumptions, it can give no assurance that the anticipated results will occur.

Important factors that could cause the actual results to differ materially from those in the forward-looking statements include, among other items, (i) the economic cyclicality of the capital goods industry in general and the hydraulic valve and manifold industry in particular, which directly affect customer orders, lead times and sales volume; (ii) conditions in the capital markets, including the interest rate environment and the availability of capital; (iii) changes in the competitive marketplace that could affect the Company's revenue and/or cost bases, such as increased competition, lack of qualified engineering,

marketing, management or other personnel, and increased labor and raw materials costs; (iv) changes in technology or customer requirements, such as standardization of the cavity into which screw-in cartridge valves must fit, which could render the Company's products or technologies noncompetitive or obsolete; (v) new product introductions, product sales mix and the geographic mix of sales nationally and internationally; and (vi) changes relating to the Company's international sales, including changes in regulatory requirements or tariffs, trade or currency restrictions, fluctuations in exchange rates, and tax and collection issues. Further information relating to factors that could cause actual results to differ from those anticipated is included but not limited to information under the heading "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the Company's Form 10-Q for the quarter ended June 26, 2004, and under the heading "Business" and particularly under the subheading, "Business Risk Factors" in the Company's Form 10-K for the year ended

December 27, 2003. The Company disclaims any intention or obligation to update or revise forward-looking statements, whether as a result of new information, future events or otherwise.

SUN HYDRAULICS CORPORATION CONSOLIDATED BALANCE SHEETS

(IN THOUSANDS, EXCEPT SHARE DATA) <TABLE> <CAPTION> SEPTEMBER 25, 2004 DECEMBER 27, 2003 (UNAUDITED) <S> <C> **ASSETS** Current assets: \$ 7,199 Cash and cash equivalents \$ 4,794 433 425 Restricted cash Accounts receivable, net of allowance for doubtful accounts of \$193 and \$187 8,420 6,215 Inventories 6,794 6,621 Other current assets 580 524 Total current assets 23,426 18,579 Property, plant and equipment, net 42,829 Other assets 1,593 1,624 \$ 67,558 TOTAL ASSETS \$ 63,032

LIABILITIES AND SHAREHOLDERS' EQUITY

Current liabilities:

\$ 2,214	\$ 2,440
3,750	2,217
991	937
345	270
2,101	51
9,401	5,915
11,379	9 17,270
4,363	4,456
305	328
25,448	27,969
	3,756 9999 345 2,101 9,401 11,379 4,363 305

Shareholders' equity:

narenoiders' equity:			
Preferred stock, 2,000,000 shares authorized, par value	ie \$0.001		
no shares outstanding			
Common stock, 20,000,000 shares authorized, par va	lue \$0.001		
6,906,214 shares outstanding, September 25, 2004			
6,757,941 shares outstanding, December 27, 2003		7	7
Capital in excess of par value	27,796	26,478	
Unearned compensation related to			
outstanding restricted stock	(415)	(601)	

Retained earnings 12,391 7,522 Accumulated other comprehensive income 2,331 1,657 42,110 35,063 Total shareholders' equity TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY \$ 67,558 \$ 63,032 </TABLE> -4-SUN HYDRAULICS CORPORATION CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS, EXCEPT PER SHARE DATA) <TABLE> <CAPTION> THREE MONTHS ENDED SEPTEMBER 25, 2004 SEPTEMBER 27, 2003 (UNAUDITED) (UNAUDITED) <S> <C> <C> **NET SALES** \$ 23,164 \$ 17,851 Cost of sales 16,117 13.328 **GROSS PROFIT** 7,047 4,523 Selling, engineering and administrative expenses 4,002 3,604 OPERATING INCOME 3,045 919 123 137 Interest expense Foreign currency transaction (gain)/loss (43)(1) Miscellaneous (income)/expense, net (7) (1) INCOME BEFORE INCOME TAXES 2,972 784 Income tax provision 1,092 275 **NET INCOME** \$ 1,880 \$ 509 BASIC NET INCOME PER COMMON SHARE \$ 0.27 \$ 0.08 WEIGHTED AVERAGE BASIC SHARES OUTSTANDING 6,591 6,895 DILUTED NET INCOME PER COMMON SHARE \$ 0.27 \$ 0.08 WEIGHTED AVERAGE DILUTED SHARES OUTSTANDING 6,972 6,635 DIVIDENDS DECLARED PER SHARE \$ 0.05 \$ 0.04 </TABLE> SUN HYDRAULICS CORPORATION CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS, EXCEPT PER SHARE DATA) <TABLE> <CAPTION> NINE MONTHS ENDED SEPTEMBER 25, 2004 SEPTEMBER 27, 2003 (UNAUDITED) (UNAUDITED) <S><C> <C>

\$71,077

\$ 53,188

NET SALES

Cost of sales	49,338	39,059		
GROSS PROFIT	21,739	14,129		
Selling, engineering and administrative expenses	12,262	11,491		
OPERATING INCOME	9,477	2,638	3	
Interest expense Foreign currency transaction (gain Miscellaneous (income)/expense, i	405)/loss (75) net (25)	(190)	1	
INCOME BEFORE INCOME TA	XES	9,172	2,437	
Income tax provision	3,343	857		
NET INCOME	\$ 5,829			
BASIC NET INCOME PER COM	MON SHARE	\$ 0.86	\$ 0.24	
WEIGHTED AVERAGE BASIC	SHARES OUTSTAN	IDING	6,811	6,491
DILUTED NET INCOME PER C	OMMON SHARE	\$ 0.8	\$ 0.5	24
WEIGHTED AVERAGE DILUTE	ED SHARES OUTST	CANDING	6,869	6,535
DIVIDENDS DECLARED PER S 				

 HARE | \$ 0.14 | \$ 0.12 | || -6- SUN HYDRAULICS CORPORA' CONSOLIDATED STATEMENT (IN THOUSANDS) | | S | | |
	NID IE MONITI	IG ENDED		
	NINE MONTE SEPTEMBER 25, 20 (UNAUDITED)	04 SEPTEMB (UNAUDIT		
~~CASH FLOWS FROM OPERATI Net income~~	\$ 5,829	\$ 1,580		
Adjustments to reconcile net income net cash provided by operating	activities:			
Depreciation Loss on disposal of assets	4,073 43	3,907 367		
Deferred income taxes Allowance for doubtful accounts	(93)	(1) 6 35		
Amortization of compensation exp (Increase) decrease in:		186	116	
Accounts receivable Inventories	(2,211) (173)	(2,219) 34		
Taxes receivable	(173)			
Other current assets Other assets	(56) 31	612 (516)		
Increase (decrease) in:		(310)		
Accounts payable Accrued expenses and other lia	(226)	474 533 1,	941	
Dividends payable	75	11	/ II	
Taxes payable Other liabilities	2,050 (23)	684 (38)		
Net cash provided by operating act			6,987	
CASH FLOWS FROM INVESTING Capital expenditures	NG ACTIVITIES: (3,531)	(3,090)		
= =	,	. ,		

Proceeds from dispositions of equipment 19 11
Net cash used in investing activities (3,512) (3,079)
CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from debt 18,850 Repayment of debt (5,837) (8,411) Proceeds from stock issuance 1,319 956 Dividends to shareholders (960) (14,133)
Net cash used in financing activities (5,478) (2,738)
Effect of exchange rate changes on cash and cash equivalents 359 (58)
Net increase in cash and cash equivalents 2,413 1,112
Cash and cash equivalents, beginning of period 5,219 3,958
Cash and cash equivalents, end of period \$ 7,632 \$ 5,070
Supplemental disclosure of cash flow information: Cash paid/(received): Interest \$ 405 \$ 415 Income taxes \$ 1,386 \$ 174

| -7- |
| THREE MONTHS ENDED SEPTEMBER 27, 2003 Sales to unaffiliated customers \$11,208 \$1,630 \$2,316 \$2,697 \$ \$17,851 Intercompany sales 2,918 9 323 (3,250) Operating income/(loss) 508 187 432 (190) (18) 919 Depreciation 900 32 94 235 1,261 Capital expenditures 757 386 111 466 1,720 |
| NINE MONTHS ENDED SEPTEMBER 25, 2004 Sales to unaffiliated customers \$ 44,566 \$ 6,744 \$ 9,860 \$ 9,907 \$ \$ 71,077 Intercompany sales 12,029 52 1,301 (13,382) Operating income/(loss) 6,361 776 2,013 338 (11) 9,477 Depreciation 2,834 102 341 795 4,072 Capital expenditures 2,922 40 105 465 3,532 |
| NINE MONTHS ENDED SEPTEMBER 27, 2003 Sales to unaffiliated customers \$ 32,473 \$ 5,175 \$ 6,951 \$ 8,589 \$ \$ 53,188 Intercompany sales 9,794 33 1,032 (10,859) Operating income/(loss) 1,806 541 925 (655) 21 2,638 Depreciation 2,752 89 285 781 3,907 Capital expenditures 1,688 418 203 781 3,090 |