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): August 7, 2002

SUN HYDRAULICS CORPORATION

(Exact name of registrant as specified in its charter)

Florida	0-21835	59-2754337
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)
1500 West University Parkway Sarasota, Florida		34243
(Address of principal executive office	es)	(Zip Code)

Registrant's telephone number, including area code: 941-362-1200

Item 5. Other Events.

On August 7, 2002, the Registrant issued the press release attached hereto as Exhibit 99.1 announcing its second quarter results.

Item 7. Financial Statements and Exhibits.

(a) Financial Statements of Businesses Acquired.

None.

(b) Pro Forma Financial Information.

None.

(c) Exhibits.

Exhibit
Number

99.1

Exhibit Description

Press Release of the Registrant dated August 7, 2002.

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: August 7, 2002

EXHIBIT INDEX

Exhibit Number	Exhibit Description
99.1	Press Release of the Registrant dated August 7, 2002.

FOR RELEASE: Immediately

Contact:

Richard K. Arter Investor Relations 941-362-1200 Richard J. Dobbyn Chief Financial Officer 941-362-1200

SUN HYDRAULICS CORPORATION REPORTS SECOND QUARTER EPS OF \$0.12 VERSUS FORECAST OF \$0.07

SARASOTA, FLA, AUGUST 7, 2002 - Sun Hydraulics Corporation (NASDAQ: SNHY) today announced that net sales for the quarter ended June 29, 2002, were \$17.4 million, an increase of \$1.8 million, or 11.5%, from the previous quarter, and essentially the same as the net sales for the quarter ended June 30, 2001. Net income for the quarter ended June 29, 2002, was \$0.8 million, or 4.4% of net sales, compared to \$0.4 million, or 2.5% of net sales for the same quarter last year and \$0.1 million, or 1.0%, of net sales for the previous quarter. Both basic and diluted earnings per share for the quarter ended June 29, 2002, were \$0.12 compared to \$0.07 for the quarter ended June 30, 2001.

Net Income

The increase in net income from the previous quarter and the same quarter last year was a result of improved productivity in the United States operations and transaction based exchange gains in Germany and Korea. "As local currencies strengthen against the U.S. dollar, Sun's products become more competitive in our expanding international markets," commented Allen Carlson, Sun Hydraulics president.

Customer Demand

Orders for the three months ended June 29, 2002, were \$18.2 million. This was a \$1.7 million, or 10.3%, increase over the three months ended June 30, 2001, and a \$1.5 million, or 9.1%, increase compared to the previous quarter. The 9.1% increase from the previous quarter was comprised of a 7.7% increase in domestic orders and an 11.4% increase in international orders.

Historically, the Company's order trends have tracked the manufacturing capacity utilization index in the United States. This percentage increased in March 2002 for the first time in approximately two years and has continued to slowly increase each month through June.

"Order rates in June and July have slowed from the increases experienced since the beginning of the year," said Carlson. "It is not clear whether the recent slowdown in orders is related to a normal summer manufacturing slowdown or a slower than anticipated recovery of the manufacturing sector."

Outlook

Based on recent order rates, the third quarter net sales forecast is \$16.0 million. The Company predicts this level of sales will result in net income per share for the third quarter ending September 28, 2002, of between \$0.06 and \$0.08 per share.

"Most key manufacturing economic indicators remain positive and an early fall upturn in customer demand is necessary in order to meet our forecasted earnings per share of \$0.40 for the year. Distributor inventories are at historically low levels and Sun has demonstrated the ability to react to increases in customer demand by rapidly turning orders into shipments," stated Carlson.

Other Highlights

The \$2.2 million expansion of the Company's plant in the United Kingdom is substantially complete. Internal moves of equipment and furnishings are in process and the project is planned to be complete by the end of August. This investment will double the manufacturing space and improve productivity, and is key to the growth of the Company in Europe.

Sun Hydraulics Corporation will broadcast its second quarter conference call with analysts live over the Internet at 2:30 P.M. E.S.T. today, August 7, 2002. To listen, go to http://investor.sunhydraulics.com/medialist.cfm.

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

- 2 -

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 29, 2002, 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 29, 2001. 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.

	June 29, 20				2001
	(unaudited				
<s></s>	<c></c>	•)	<c></c>		
Assets					
Current assets: Cash and cash equivalents	0	\$ 3,4	73	\$ 3.	,611
Accounts receivable, net of allowar doubtful accounts of \$185 and \$19 Inventories Taxes receivable	05	11	6,717 7,2	238 568	4,755
Other current assets		797	·	985	
Total current assets				17,257	,
Property, plant and equipment, net Other assets			4,091 9	38	43,555
Total assets	\$63,2	276 =	\$6	1,750	
Liabilities and Shareholders' Equity Current liabilities: Accounts payable Accrued expenses and other liabilit Long-term debt due within one year Dividends payable Taxes payable	ies r		1,754 1,384	\$ 1,32 257	1,494 1,405
Total current liabilities				4,479	
Long-term debt due after one year Deferred income taxes Other noncurrent liabilities				3,84 427	9,258 18
Total liabilities	18,9	900	18	3,012	
Redeemable Common Stock (See Note	Below)			2,250	
Shareholders' equity: Preferred stock, 2,000,000 shares at par value \$0.001, no shares outsta	inding				
Common stock, 20,000,000 shares a par value \$0.001, 6,426,387 share			40	6	6
Capital in excess of par value Retained earnings		22,4 9,389		19,00	
Accumulated other comprehensive				291	229
Total shareholders' equity		42,12	26	43,7	738
Total liabilities and shareholders' ed	quity ======	\$6 =	63,276		\$61,750

</TABLE>

Note: On June 22, 2002, the Company entered into a standby Stock Repurchase Agreement with the Koski Family Limited Partnership. Under the Agreement, the Company agrees to purchase up to \$2,250 worth of Sun common stock from the Koski Partnership at its request any time during the next two years. The repurchase would be at a per share price of either (i) \$7.00 per share, or (ii) 15% less than the average closing price per share of the common stock for the 15 full trading days immediately preceding the closing date, whichever is lower.

At June 29, 2002, the average closing price of Sun's common stock for the previous 15 full trading days was \$8.06 per share. A 15% discount from this price would result in a repurchase per share price of \$6.85. At this price, Sun

- 4 -

Sun Hydraulics Corporation Consolidated Statements of Operations (in thousands, except per share data)

<TABLE> <CAPTION>

	Three months ended		
	June 29, 2002	June 30, 200	1
	(unaudited)	(unaudited)	
<s> Net sales</s>	<c> \$ 17,413</c>	<c> \$ 17,533</c>	
Cost of sales	12,887	13,316	
Gross profit	4,526	4,217	
Selling, engineering and administrative expenses	3,142	3,3	375
Operating income	1,384	842	2
Interest expense Miscellaneous expense	136 60	259	8)
Income before income taxes	1,18	8	621
Income tax provision	414	193	1
Net income	\$ 774 ======	\$ 430	=
Basic net income per common share	\$	0.12	\$ 0.07
Weighted average basic shares outstan	nding	6,429	6,385
Diluted net income per common share	\$	0.12	\$ 0.07
Weighted average diluted shares outst			

 anding | 6,573 | 6,540 |- 5 -

Sun Hydraulics Corporation Consolidated Statements of Operations (in thousands, except per share data)

<TABLE> <CAPTION>

Six months ended

June 29, 2002 June 30, 2001

<\$>	(unaudited) <c></c>		ed)
Net sales	\$ 33,026	<c> \$ 36,5</c>	504
Cost of sales	24,807	26,9	957
Gross profit	8,219	9,54	17
Selling, engineering and administrative expenses	6,4	51	6,832
Operating income	1,768	3	2,715
Interest expense Miscellaneous expense		5.	36 (28)
Income before income taxes	1	,389	2,207
Income tax provision	48	7	744
Net income	\$ 902	\$ 1,4	463 ====
Basic net income per common sha	are	\$ 0.14	\$ 0.23
Weighted average basic shares ou	tstanding	6,429	6,385
Diluted net income per common s	hare	\$ 0.14	\$ 0.22
Weighted average diluted shares of	outstanding	6,570	6,539

</TABLE>