

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D
(Amendment No. 1)

Under the Securities Exchange Act of 1934

AMETEK, Inc.
(Name of Issuer)

Common Stock Par Value \$1.00 Per Share
(Title of Class and Securities)

031105109
(CUSIP Number of Class of Securities)

J. Hamilton Crawford Jr. , Gabelli Funds, Inc.,
One Corporate Center, Rye, NY 10580-1434 (914) 921-5067
(Name, Address and Telephone Number of Person Authorized
to Receive Notices and Communications)

August 12, 1994
(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule
13G to report the acquisition which is the subject of this State-
ment because of Rule 13D-1(b) (3) or (4), check the following box:

Check the following box if a fee is being paid with this State-
ment:

CUSIP No. 031105109

13D

(1) NAMES OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
Gabelli Funds, Inc. I.D. No. 13-3056041

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP:

(a)

(b)

(3) SEC USE ONLY

(4) SOURCE OF FUNDS*
WC

(5) CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)

(6) CITIZENSHIP OR PLACE OF ORGANIZATION
New York

: (7) SOLE VOTING POWER
: 670,500 (Item 5)
: _____

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH : (8) SHARED VOTING POWER : None (Item 5) : (9) SOLE DISPOSITIVE POWER : 670,500 (Item 5) : (10) SHARED DISPOSITIVE POWER : None (Item 5)

(11) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 670,500 (Item 5)

(12) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES* / x /

(13) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11 1.83%

(14) TYPE OF REPORTING PERSON* HC

*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 031105109

13D

(1) NAMES OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS GAMCO Investors, Inc. I.D. No. 13-2951242

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP: (a) / / (b) / /

(3) SEC USE ONLY

(4) SOURCE OF FUNDS* OO: Funds of investment advisory clients

(5) CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / x /

(6) CITIZENSHIP OR PLACE OF ORGANIZATION New York

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH : (7) SOLE VOTING POWER : 1,842,300 (Item 5) : (8) SHARED VOTING POWER : None : (9) SOLE DISPOSITIVE POWER : 1,930,300 (Item 5) : (10) SHARED DISPOSITIVE POWER : None

(11) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,930,300 (Item 5)

(12) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES* / /

(13) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11 5.27%

(14) TYPE OF REPORTING PERSON*
IA

*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 031105109

13D

(1) NAMES OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
Gabelli & Company, Inc. I.D. No. 13-2885006

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP:

(a) / /

(b) / /

(3) SEC USE ONLY

(4) SOURCE OF FUNDS*
OO: Funds of client discretionary accounts and working
capital of its own account

(5) CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) / /

(6) CITIZENSHIP OR PLACE OF ORGANIZATION
New York

	: (7) SOLE VOTING POWER
	: None (Item 5)
	:
	: (8) SHARED VOTING POWER
NUMBER OF SHARES BENEFICIALLY	: 3,500 (Item 5)
OWNED BY EACH REPORTING	:
PERSON WITH	: (9) SOLE DISPOSITIVE
	: POWER
	: None (Item 5)
	:
	: (10) SHARED DISPOSITIVE
	: POWER
	: 3,500 (Item 5)

(11) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
3,500 (Item 5)

(12) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11
EXCLUDES CERTAIN SHARES* / /

(13) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11
0.01%

(14) TYPE OF REPORTING PERSON*
BD

*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 031105109

13D

(1) NAMES OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
Mario J. Gabelli I.D. No. 074-34-7503

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP:

(a) / /

(b) / /

(3) SEC USE ONLY

(4) SOURCE OF FUNDS*
WC

(5) CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)

(6) CITIZENSHIP OR PLACE OF ORGANIZATION
USA

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

:	(7) SOLE VOTING POWER
:	None (Item 5)
:	
:	(8) SHARED VOTING POWER
:	None
:	
:	(9) SOLE DISPOSITIVE POWER
:	None (Item 5)
:	
:	(10) SHARED DISPOSITIVE POWER
:	None

(11) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
None (Item 5)

(12) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11
EXCLUDES CERTAIN SHARES*

(13) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11
0.00%

(14) TYPE OF REPORTING PERSON*
IN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

Item 1. Security and Issuer
Item to Schedule 13D is amended, in pertinent part, as follows:

This Amendment No. 1 to Schedule 13D on AMETEK, Inc. (the "Issuer") is being filed on behalf of the undersigned to amend the Schedule 13D, as amended (the "Schedule 13D") which was originally filed on May 26, 1994. Unless otherwise indicated, all capitalized terms used herein but not defined herein shall have the same meaning as set forth in the Schedule 13D.

Item 3. Source and Amount of Funds or Other Consideration
All Reporting Persons used an aggregate of approximately \$5,166,434 to purchase its Securities. GAMCO and GFI used approximately \$3,387,059 and \$1,779,375, respectively, of funds that were provided through the accounts of certain of their investment advisory clients (and, in the case of some of such accounts at GAMCO, may be through borrowings from client margin accounts) in order to purchase the Securities for such clients.

Item 5. Interest In Securities Of The Issuer
(a) The aggregate number and percentage of Securities to which this Schedule 13D relates is 2,604,300 shares, representing 7.11% of the 36,623,745 shares outstanding in the Issuer's most recently filed Form 10-Q dated April 30, 1994. The Reporting Persons beneficially own those Securities as follows:

Name	Shares of Common Stock	% of Class of Common
GFI:		
As Principal	0	0.00%
As Agent	670,500	1.83%

GAMCO		
As Principal	0	0.00%
As Agent	1,930,300	5.27%
Gabelli & Company:		
Principal/Trading	0	0.00%
Agent	3,500	0.01%
Mario J. Gabelli	0	0.00%

Mr. Gabelli is deemed to have beneficial ownership of the Securities beneficially owned by each of the foregoing persons and GFI is deemed to have beneficial ownership of the securities owned beneficially by each of the foregoing persons other than Mr. Gabelli.

(b) Each of the Reporting Persons and Covered Persons has the sole power to vote or direct the vote and sole power to dispose or to direct the disposition of the Securities reported for it, either for its own benefit or for the benefit of its investment clients or its partners, as the case may be, except that GAMCO Investors, Inc. does not have authority to vote 88,000 of the reported shares and except that GFI has sole dispositive and voting power with respect to the shares of the Issuer held by the The Gabelli Asset Fund, The Gabelli Equity Trust, Inc., The Gabelli Growth Fund, The Gabelli Convertible Securities Fund, The Gabelli Value Fund Inc., The Gabelli Small Cap Growth Fund, The Gabelli Equity Income Fund, The Gabelli ABC Fund, The Gabelli Global Telecommunications Fund, Gabelli Gold Fund, Inc., The Gabelli Global Convertible Securities Fund and/or The Gabelli Global Interactive Couch Potato Fund, so long as the aggregate voting interest of all joint filers does not exceed 25% of their total voting interest in the Issuer and in that event, the Proxy Voting Committee of each Fund (other than The Gabelli Growth Fund) shall respectively vote that Funds shares, and except that, at any time, the Proxy Voting Committee of each such Fund may take and exercise in its sole discretion the entire voting power with respect to the shares held by such Fund under special circumstances such as regulatory considerations, and except that Gabelli & Company shares with the clients for whose accounts such Securities were purchased the voting and dispositive power with respect to 3,500 shares purchased for such accounts, and except that the power of Mr. Gabelli and GFI is indirect with respect to Securities beneficially owned directly by other Reporting Persons.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: August 15, 1994

MARIO J. GABELLI

By: _____
J. Hamilton Crawford, Jr.
Attorney-in-Fact

GABELLI FUNDS, INC.

By: _____
J. Hamilton Crawford, Jr.
Senior Vice President, and
General Counsel

GAMCO INVESTORS, INC.

By: _____
J. Hamilton Crawford, Jr.
Assistant Secretary

GABELLI & COMPANY, INC.

By: _____
J. Hamilton Crawford, Jr.
Senior Vice President
and General Counsel

Schedule I

Information with Respect to Executive
Officers and Directors of the Undersigned

Schedule I to Schedule 13D is amended, in pertinent part, as follows:

The following sets forth as to each of the executive officers and directors of the undersigned: his name; his business address; and his present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted. Unless otherwise specified, the principal employer of each such individual is Gabelli Funds, Inc., Gabelli & Company, Inc., or GAMCO Investors, Inc., the business address of each of which is One Corporate Center, Rye, New York 10580, and each such individual identified below is a citizen of the United States. To the knowledge of the undersigned, during the last five years, no such person has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors), and no such person was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which he was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities law or finding any violation with respect to such laws except as reported in Item 2(d) of this Schedule 13D.

Gabelli Funds, Inc.

Directors:

Mario J. Gabelli

Richard B. Black Chairman of Raster Image
Processing Systems; Chairman
ECRM; Director of Archetype
and Oak Technology; Director
of The Morgan Group, Inc.;
General Partner of KBA Part-
ners, Parker Plaza
400 Kelby Street,
Fort Lee, NJ 07029

Charles C. Baum Chairman, Director and Chief
Executive Officer of The
Morgan Group, Inc.;
Secretary & Treasurer
United Holdings
2545 Wilkens Avenue
Baltimore, MD 21223

Dr. Eamon M. Kelly President
Tulane University
218 Gibson Hall
6823 St. Charles Avenue
New Orleans, LA 70118

Officers:

Mario J. Gabelli Chairman, Chief Executive
Officer and Chief Investment
Officer

J. Hamilton Crawford, Jr.	Vice President and Assistant Secretary
Stephen G. Bondi	Vice President - Finance
Joseph J. Frazzitta	Assistant Secretary

GAMCO Investors, Inc.

Directors:

Douglas R. Jamieson
Joseph R. Rindler, Jr.
Regina Pitaro
Joseph J. Frazzitta
William F. Scholz

Officers:

Mario J. Gabelli	Chief Investment Officer
Douglas R. Jamieson	Chief Operating Officer and Executive Vice President
Joseph J. Frazzitta	Vice President and Chief Financial Officer
James E. McKee	Vice President, Legal and Compliance and Assistant Secretary
J. Hamilton Crawford, Jr.	Assistant Secretary

Gabelli Securities, Inc.

Directors:

Charles C. Baum	See above-Gabelli Funds, Inc.
Joseph R. Rindler	Managing Director Gabelli & Company, Inc. One Corporate Center Rye, NY 10580
David Perlmutter	Perlmutter & Associates 200 Park Avenue, Suite 4515 New York, N.Y. 10166
Stephen G. Bondi	Acting Chief Operating Officer and Vice President

Advisors:

Vincent J. Amabile
Robert Blake

Officers:

Stephen G. Bondi	Acting Chief Operating Officer and Vice President
J. Hamilton Crawford, Jr.	Vice President

and Assistant Secretary
Vice President - Finance

Erwin I. Mevorah

Gabelli & Company, Inc.

Directors:

James G. Webster, III	Chairman
Charles C. Baum	See above-Gabelli Funds, Inc.
Joseph J. Frazzitta	Vice President and Chief Financial Officer

Officers:

James G. Webster, III	Chairman
Joseph J. Frazzitta	Vice President/Finance and Chief Financial Officer
Stephen G. Bondi	Vice President
J. Hamilton Crawford, Jr.	Vice President and Assistant Secretary

GLI, Inc.

Directors:

Mario J. Gabelli	See above-Gabelli Funds, Inc.
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Officers:

Mario J. Gabelli	Chairman and Chief Investment Officer
Stephen G. Bondi	Vice President
J. Hamilton Crawford, Jr.	Assistant Secretary

Gabelli Associates Limited

Directors:

Mario J. Gabelli	See above-Gabelli Funds, Inc.
MeesPierson (Cayman) Limited	British American Centre Dr. Roy's Drive- Phase 3 Georgetown, Grand Cayman Cayman Islands, British West Indies
MeesPierson (Cayman) Limited	British American Centre Dr. Roy's Drive- Phase 3 Georgetown, Grand Cayman Cayman Islands, British West Indies

Officers:

Mario J. Gabelli	Chief Investment Officer
Kevin Bromley	Vice President, Treasurer and Assistant Secretary
Sandra Wight	Secretary and Assistant Treasurer

Gabelli International Limited

Directors:

Mario J. Gabelli	See above-Gabelli Funds, Inc.
MeesPierson (Cayman) Limited	British American Centre Dr. Roy's Drive- Phase 3 Georgetown, Grand Cayman Cayman Islands, British West Indies

Officers:

Kevin Bromley	Vice President, Treasurer, and Assistant Secretary MeesPierson (Cayman) Limited British American Centre Dr. Roy's Drive- Phase 3 Georgetown, Grand Cayman Cayman Islands, British West Indies
Sandra Wight	Secretary and Assistant Treasurer Assistant Secretary MeesPierson (Cayman) Limited British American Centre Dr. Roy's Drive- Phase 3 Georgetown, Grand Cayman Cayman Islands, British West Indies

Lynch Corporation
8 Sound Shore Drive
Greenwich, CT 06830

Directors:

Paul J. Evanson	Chief Financial Officer FPL Group, Inc. P.O Box 14000 700 Universe Blvd. Juno Beach, Fl 33408
Bradley J. Bell	Vice President & Treasurer Whirlpool Corp. Administrative Center Benton Harbor, MI 49022
Morris Berkowitz	Business Consultant 163-43 Willets Point Blvd. Whitestone, NY 11357
Richard J. Boyle	Chairman, The Boyle Group 6110 Blue Circle Drive Suite 250 Minnetonka, MN 55343
Mario J. Gabelli	See above-Gabelli Funds, Inc.
Robert C. Kolodny, M.D.	Medical Director and Chairman of the Board of The Behavioral Medicine Institute 885 Oenoke Ridge Road New Canaan, CT 06840

Paul Woolard
Business Consultant
116 East 68th Street
New York, NY 10021

E. Val Cerutti
Business Consultant
Cerutti Consultants
227 McLain Street
Mount Kisco, NY 10549

Officers:

Mario J. Gabelli
Chairman and Chief Executive
Officer

Philip J. Lombardo
Office of the President

Michael J. Small
Office of the President

Joseph H. Epel
Treasurer

Robert E. Dolan
Chief Financial Officer

Carmine Ceraolo
Assistant Controller

Robert A. Hurwich
Vice President-Administration,
Secretary and General Counsel

Mary J. Carroll
Administrative Assistant

Safety Railway Service Corporation
251 Welton Street
Hamden, CT 06517

Directors:

Joseph P. Rhein
Chairman
241 McClenaghan Mill Road
Wynnewood, PA 19096

William F. Bullis
Safety Railway Service Corporation
265 Great Neck Road
Great Neck, NY 11021

Officers:

Robert E. Dolan
Controller

Joseph H. Epel
Treasurer and Assistant
Secretary

James W. Toman
Assistant Secretary

Entoleter, Inc.
251 Welton Street
Hamden, CT 06517

Directors:

Joseph P. Rhein
See above-Safety Railway

William F. Bullis
See above-Safety Railway

Officers:

John M. Martin
President

James W. Toman
Chief Financial Officer

Joseph H. Epel
Treasurer and Secretary

Robert E. Dolan Controller

Western New Mexico Telephone Company
314 Yankee Street
Silver City, NM 08062

Directors:

Jack C. Keen	Chairman
Jack W. Keen	President
Dr. Brian E. Gordon	Vice President
Mary Beth Baxter	Secretary & Treasurer
Robert E. Dolan	See above-Lynch Corporation
Joseph H. Epel	See above-Lynch Corporation
Carmine Ceraolo	See above-Lynch Corporation
Mary J. Carroll	See above-Lynch Corporation

Officers:

Jack C. Keen	Chairman of the Board
Jack W. Keen	President
Jack L. Bentley	Executive Vice President
Dr. Brian E. Gordon	Vice President
Charles M. Baxter	Sr. Vice President-Operations
James M. Bucher	Asst. Vice President- Operations
Mary Beth Baxter	Secretary & Treasurer
Joseph H. Epel	Assistant Treasurer

Inter-Community Telephone Company
P.O. Box A
Nome, ND 58062

Directors:

Mary J. Carroll	See above-Lynch Corporation
Carmine P. Ceraolo	See above-Lynch Corporation
Robert E. Dolan	See above-Lynch Corporation
Joseph H. Epel	See above-Lynch Corporation
Leone A. Nilsen	President
Roger J. Nilsen	P.O. Box 146 Hannaford, ND 58448
Duane A. Plecity	Secretary
Harry B. Snyder	P.O. Box 131 Buffalo, ND 58011
Robert Snyder	200 Broadway South Buffalo, ND 58011

Officers:

Leone A. Nilsen	President
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Robert Snyder

Vice President

Duane A. Plecity

Secretary

Harry B. Snyder

Treasurer

Joseph H. Epel

Assistant Treasurer

SCHEDULE II
 INFORMATION WITH RESPECT TO
 TRANSACTIONS EFFECTED DURING THE PAST SIXTY DAYS OR
 SINCE THE MOST RECENT FILING ON SCHEDULE 13D (1)

	DATE	SHARES PURCHASED SOLD (-)	AVERAGE PRICE (2)
COMMON STOCK-AMETEK INC			
THE GABELLI PERFORMANCE PARTNERSHIP	8/01/94	1,000-	16.0750
GABELLI FUNDS, INC.			
THE GABELLI ABC FUND	7/20/94	5,000-	16.1250
GAMCO INVESTORS, INC.			
	8/12/94	7,000	15.0000
	8/11/94	2,500	15.3250
	8/10/94	1,500	15.5000
	8/05/94	1,700	15.6250
	7/29/94	1,000	16.2500
	7/26/94	3,400	15.9669
	7/25/94	1,500	16.0000
	7/20/94	2,000-	16.1250
	6/17/94	500	15.0000
	6/16/94	1,000-	14.8750
	6/13/94	5,000	13.8625
	6/13/94	2,000	14.0000
	6/13/94	11,100	14.0060
	6/13/94	1,000-	*DO

- (1) UNLESS OTHERWISE INDICATED, ALL TRANSACTIONS WERE EFFECTED ON THE NY STOCK EXCHANGE.
- (2) PRICE EXCLUDES COMMISSION.
- (*) RESULTS IN CHANGE OF DISPOSITIVE POWER AND BENEFICIAL OWNERSHIP OF GAMCO INVESTORS, INC.