

Stock Index

EMS

Q4 2017

EMS Stock Highlights

- Large Index has decreased 2.6% from last quarter
- Mid Index has decreased 4.4% from last quarter
- Small Index has increased 8.8% from last quarter
- Overall EMS Index has decreased 2.9% from last quarter

EMS Stock Index Underperforms S&P

About the EMS Stock Index

Similar to the S&P 500 Index, the EMS Stock Index is a market cap weighted composite index. The index is prepared by first selecting a base period, in this case, Q1 2003, and totaling the market caps of the companies for each tier in this period. This period and total market cap is set to a base index, in this case,

1,000. Next, for each tier, the current period's total market cap is calculated, divided by the base period's total market cap and then multiplied by the base index (1,000). The result is the index value used for plotting in the graph on the next page.

Winner's Circle		Tier
Flex	8.6%	I
Plexus	8.3%	II
SMTC	45.4%	III

Worst Performers		Tier
Celestica	(14.9%)	I
Kimball	(15.7%)	II
IEC Electronics	(16.4%)	III

Note: Based on quarter-over-quarter share price performance

EMS Size Guide (Revenue Dollars)

Large (Tier I)
Greater than \$3 billion

Mid (Tier II)
\$300 million to \$3 billion

Small (Tier III)
Below \$300 million

Note: Companies are included in a given tier by falling within the threshold for two consecutive quarters

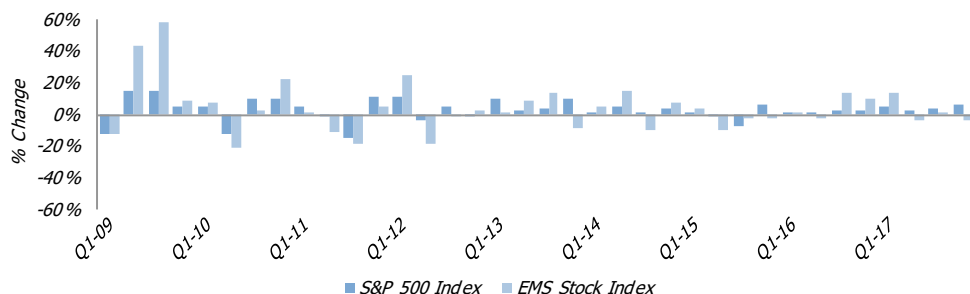
EBITDA Margins	
Large Tier	5.1%
Mid Tier	5.7%
Small Tier	2.6%

YOY LTM Revenue Growth	
Large Tier	3.7%
Mid Tier	1.4%
Small Tier	(8.0%)

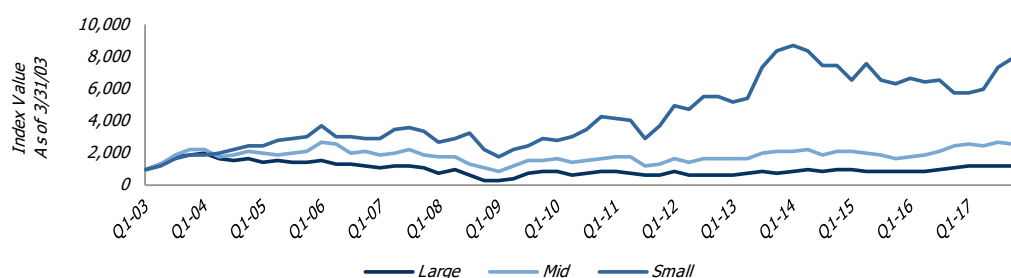
Source: Capital IQ as of 12/31/17

Note: Average for each sector, YOY stands for year-over-year

S&P Index vs. EMS Stock Index Quarter Change

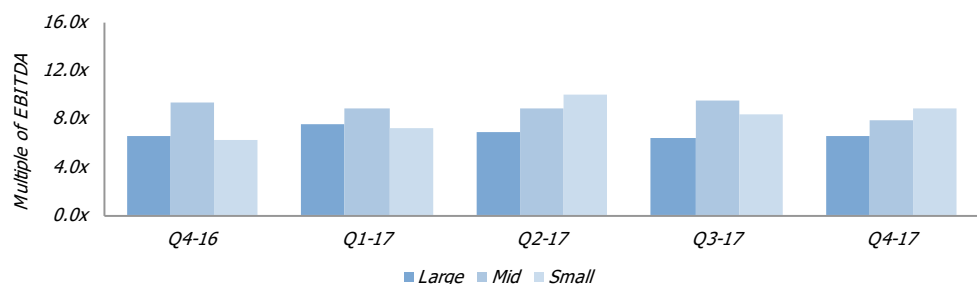


EMS Stock Index by Size



Note: See below for specific company classifications

Enterprise Value⁽¹⁾ / EBITDA



(1) Enterprise Value is calculated as market cap on December 31, 2017 plus debt, preferred equity and minority interest less cash

Note: See below for specific company classifications

EMS Stock Index Data

	Stock Price	LTM Sales (\$ in mm)	Diluted EPS	Avg Cash Conversion Cycle (days)	Current Ratio	EV/ EBITDA	EV/ Sales	Market Cap (\$ in mm)	Net Debt (\$ in mm)
Large									
Celestica	\$10.51	\$6,180	\$0.77	50.0	2.01	4.6x	0.2x	\$1,501	(\$315)
Flex	17.99	24,256	1.01	25.8	1.23	10.0x	0.5x	9,507	1,587
Jabil	26.25	19,544	0.56	2.9	0.95	4.7x	0.3x	4,642	1,374
Sanmina	33.00	6,869	1.78	44.8	1.62	7.0x	0.4x	2,377	73
Mid									
Benchmark	\$29.10	\$2,394	\$1.26	78.4	3.60	6.9x	0.4x	\$1,447	(\$516)
KeyTronicEMS	6.82	460	0.39	89.6	2.29	7.2x	0.2x	73	40
Kimball Electronics	18.25	958	1.19	61.5	1.91	7.2x	0.5x	490	(24)
Plexus	60.72	2,528	3.24	91.5	1.78	10.2x	0.7x	2,043	(256)
Small									
IEC Electronics	\$4.12	\$96	\$0.01	81.6	1.99	NM	0.7x	\$43	\$21
Nortech Systems	3.86	116	0.04	79.8	2.00	9.6x	0.2x	11	15
SigmaTron International	10.12	271	0.55	85.0	2.02	8.1x	0.3x	43	38
SMTc	1.89	140	(0.45)	56.3	1.44	NM	0.3x	32	12

Source: Capital IQ as of December 31, 2017; stock price adjusted for dividends and splits

Global Industry Groups

Business Services

Consumer

Energy, Power
& Infrastructure

Healthcare

Industrials

Technology, Media
& Telecom

Global Locations

Amsterdam

Beijing

Chicago

Dallas

Frankfurt

London

Los Angeles

Madrid

Milan

Moscow

Mumbai

Munich

New York

Paris

San Francisco

São Paulo

Tokyo

Vienna

Zurich

Advisory Services

Mergers & Acquisitions

Debt Advisory

JV & Partnering

Valuations & Opinions

Special Situations

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