Macquarie Research Equities



INDIA

16 September 2009

MHS IN	Not	rated
Stock price as of 15 Sep 09	Rs	313.3
Market cap 30-day average turnover Market cap Number of shares on issue	Rs m US\$m US\$m m	22,098 1.0 455.0 70.5

Investment fundamentals

Yr end 31 Mar		2007A	2008A	2009A
Total revenue	m	14,073	15,024	20,436
Total revenue growth	%	43.9	6.8	36.0
EBITDA	m	3,513	3,023	3,471
EBITDA growth	%	65.7	-13.9	14.8
Reported profit	m	2,339	2,135	2,599
EPS	Rs	33.4	30.1	36.1
EPS growth	%	55.7	-10.0	20.0
PE	х	9.4	10.4	8.7
EBITDA margin	%	25.1	20.2	17.0
ROE	%	35.0	21.2	21.6
Net debt/equity	%	14.5	13.2	9.5
(all figures in Ps munle	ee noto	d)		

(all figures in Rs m unless noted) Source: Company data, September 2009

1-yr fwd PER (based on consensus est)



Source: Bloomberg, September 2009

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Maharashtra Seamless

Seamless play

Event

 Maharashtra Seamless (MSL), India's leading seamless pipe producer, appears set to benefit from the rise in domestic exploration and production (E&P) activity.

Impact

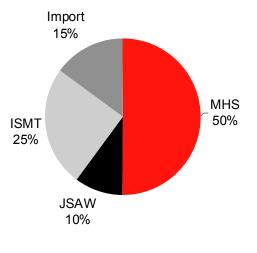
- MSL the largest seamless pipe manufacturer in India. Given the increase in E&P spending by oil & gas majors, the demand/supply dynamics in the seamless pipe segment have tilted in favour of the manufacturers. With a 50% share of India's domestic capacity for seamless pipes and a monopoly in the high-margin, high-diameter seamless and ERW pipe segments, MSL looks positioned to increasingly benefit from the robust growth in demand.
- Order book and margins poised to revive. The company has a current order book of Rs4bn, which represents 0.2x FY3/09 sales. EBITDA margins in FY09 fell 3% owing to high billet prices and lower margins in the ERW business. However, management believes ERW margins should be sustained at around Rs2,200/t, and seamless margins should stabilise at around Rs15,000/t.
- Backward integration plan delayed. The company had issued a US\$75m foreign currency convertible bond primarily to set up a plant in Orissa, India, to manufacture its key raw material (billets). Unfortunately, it could not acquire the land required for the plant, and the project has been significantly delayed. Alternatively, management said that it is in the process of identifying other states in India where it can acquire the land and set up a billet plant.
- Future plans exports, niche domestic products. The company is
 primarily a domestic operator and has yet to exploit the export potential of
 seamless/ERW pipes, but it plans to explore this in the next couple of years. It
 is also planning to focus on niche products within the pipe business (higherdiameter ERW, Seamless 13 Chrome Pipe), which have higher margins.
- Key risks. Any significant increase in raw material prices (billets) will affect margins. Other risks include a slowdown in oil & gas exploration, affecting demand for seamless pipes, cheaper imports and increasing domestic capacities.

Outlook

- Seamless pipe demand to remain sluggish. Seamless pipe demand is highly correlated with crude oil prices, which in turn is dependent on the global economic outlook. Although there has been some increase in global drilling activities recently, this remains very low given the significant decline over the last 12 months. We expect 2010 to be a year of slow recovery; however, the pace will be dictated by crude oil prices. We assume no meaningful activity improvements until the second half of 2010. In 2011, we anticipate the recovery to strengthen with both activity levels and pricing improving.
- Consensus estimates and valuations: MSL is currently trading near its sixyear average one-year forward PER. Bloomberg consensus estimates suggest that it is trading at 9.1x FY3/11E PER.

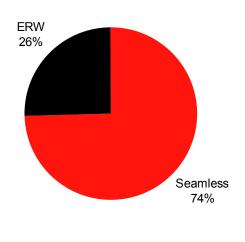
Please refer to the important disclosures and analyst certification on inside back cover of this document, or on our website www.macquarie.com.au/research/disclosures.

Fig 1 MHS dominates domestic seamless market



Source: Company data, September 2009

Fig 3 High margin seamless is 3/4th of order book



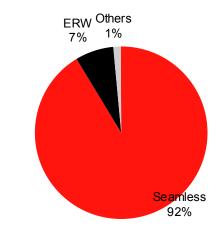
Source: Company data, September 2009

Company background

Incorporated in 1989, Maharashtra Seamless Limited (MSL), the flagship company of the DP Jindal Group, is the largest manufacturer of seamless steel pipes and tubes in India.

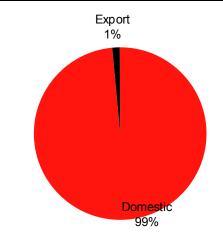
MSL has a technical collaboration with Mannesmann Demag Huttentechnik of Germany. The business operations are structured with three strategic business units – seamless division, ERW division and power division. Its clientele includes domestic majors such as Punj Lloyd, L&T, GAIL, ONGC, BPCL, Thermax and SAIL.

Fig 2 Seamless contributed 92% to FY09 EBITDA



Source: Company data, September 2009





Source: Company data, September 2009

The company has entered the wind power generation business for captive consumption, which should lead to lower power generation costs. It has 20 wind mills with a combined capacity of 7MW. MSL commands a 50% share of India's seamless pipe markets.

Fig 5 Shareholdings as of 30 June 2009

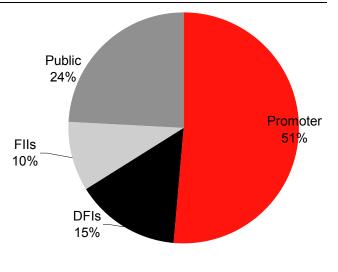
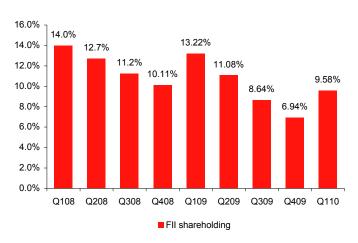


Fig 6 FII holding as of 30 June 2009



FII – foreign institutional investors

Source: Company data, September 2009

Source: Company data, September 2009

Fig 7 MHS Limited – income statement

(Rs m)	2005A	2006A	2007A	2008A	2009A
Net sales	7,694	9,743	13,971	14,977	20,389
Other operating income	26	40	103	47	47
Total operating income	7,721	9,783	14,073	15,024	20,436
Total operating expenses	6,409	7,663	10,560	12,000	16,964
EBITDA	1,312	2,120	3,513	3,023	3,471
Depreciation & amortisation	105	146	163	174	179
Other income	69	34	36	215	468
EBIT	1,276	2,008	3,386	3,064	3,760
Interest and finance charges	13	- 60	- 141	- 137	- 90
Pretax income	1,262	2,068	3,527	3,202	3,850
Extraordinary items	3	5	· 1	183	-
Тах	414	673	1,188	1,067	1,251
Net income	851	1,391	2,339	1,952	2,599
Source: Company data, September 2	2009				

Fig 8 PSL Limited – Balance sheet

(Rs m)	2005A	2006A	2007A	2008A	2009A
ASSETS					
Current assets, loans & advances					
Cash & bank balance	21	3,192	3,232	2,549	1,106
Inventory	1,331	2,755	2,513	3,803	3,521
Sundry debtors	964	1,400	1,996	2,695	2,788
Other current assets	159	309	394	985	617
Total current assets	2,476	7,655	8,135	10,031	8,032
Current liabilities & provisions	814	1,211	797	1,924	1,786
Net current assets	1,662	6,444	7,338	8,107	6,246
Investments	193	205	538	894	4,199
Deferred tax assets	0	0	0	0	0
Fixed assets	2,699	2,807	2,858	3,375	3,906
Total assets	4,554	9,457	10,734	12,375	14,351
LIABILITIES					
Equity share capital	288	288	350	353	353
Reserves & surplus	2,840	3,851	8,891	10,581	12,747
Net worth	3,128	4,139	9,241	10,934	13,100
Total borrowings	1,084	4,930	1,082	1,022	824
Deferred tax liabilities	342	388	411	420	427
Total liabilities and equity	4,554	9,457	10,734	12,375	14,351
Source: Company data, September 20	009				

<u> </u>	2005A	2006A	2007A	2008A	2009A
Profit margin (%)	11.03	14.33	16.74	14.26	12.75
Asset turnover (x)	2.87	1.22	1.26	1.16	1.34
Asset to equity ratio (x)	1.72	2.21	1.66	1.28	1.27
RoE	54.27	38.42	34.96	21.17	21.63
Source: Company data, September	er 2009				

Fig 9 DuPont analysis (using average values from balance sheet)

Important disclosures:

Recommendation definitions

Macquarie - Australia/New Zealand Outperform – return >5% in excess of benchmark return Neutral – return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie – Asia/Europe

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie First South - South Africa

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie - Canada

Outperform – return >5% in excess of benchmark return Neutral – return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie - USA

Outperform (Buy) – return >5% in excess of benchmark return (Russell 3000) Neutral (Hold) – return within 5% of benchmark return (Russell 3000) Underperform (Sell)– return >5% below benchmark return (Russell 3000)

Recommendations - 12 months

Note: Quant recommendations may differ from Fundamental Analyst recommendations

Volatility index definition*

This is calculated from the volatility of historical price movements.

Very high-highest risk – Stock should be expected to move up or down 60–100% in a year – investors should be aware this stock is highly speculative.

High – stock should be expected to move up or down at least 40–60% in a year – investors should be aware this stock could be speculative.

 $\label{eq:medium-stock} \begin{array}{l} \mbox{Medium-stock should be expected to move up or } \\ \mbox{down at least 30-40\% in a year.} \end{array}$

Low-medium – stock should be expected to move up or down at least 25–30% in a year.

Low – stock should be expected to move up or down at least 15–25% in a year. * Applicable to Australian/NZ/Canada stocks only

Financial definitions

All "Adjusted" data items have had the following adjustments made: Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa*

ROA = adjusted ebit / average total assets ROA Banks/Insurance = adjusted net profit /average total assets

ROE = adjusted net profit / average shareholders funds **Gross cashflow** = adjusted net profit + depreciation *equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

Recommendation proportions – For quarter ending 30 June 2009

	• •		-	-			
	AU/NZ	Asia	RSA	USA	CA	EUR	
Outperform	40.38%	48.53%	40.00%	44.02%	57.42%	40.20%	(for US coverage by MCUSA, 1.54% of stocks covered are corporate advisory clients)
Neutral	39.25%	17.08%	45.00%	37.45%	32.90%	39.21%	(for US coverage by MCUSA, 1.16% of stocks covered are corporate advisory clients)
Underperform	20.38%	34.40%	15.00%	18.53%	9.68%	20.59%	(for US coverage by MCUSA, 0.77% of stocks covered are corporate advisory clients)

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Peter Slater (Boston)	(1 617) 598 2502
Thomas Renz (Geneva)	(41) 22 818 7712
Ajay Bhatia (India)	(9122) 6653 3200
Andrew Mouat (India)	(9122) 6653 3200
Stanley Dunda (Indonesia)	(6221) 515 1555
Jason Lee (Malaysia)	(603) 2059 8888
Gino C Rojas (Philippines)	(632) 857 0761
Greg Norton-Kidd (New York)	(1 212) 231 2527
Luke Sullivan (New York)	(1 212) 231 2507
Scot Mackie (New York)	(1 212) 231 2848
Sheila Schroeder (San Francisco)	(1 415) 835 1235

Regional Heads of Sales cont'd

Angus Kent (Thailand) Michael Newman (Tokyo) Charles Nelson (UK/Europe) Rob Fabbro (UK/Europe) Nick Ainsworth (Generalist)

Sales Trading

Adam Zaki (Asia) Mike Keen (Europe) Mona Lee (Hong Kong) Brendan Rake (India) Stanley Dunda (Indonesia) Mario Argyrides (Korea)

(662) 694 7601 (813) 3512 7920 (44) 20 3037 4832 (44) 20 3037 4865 (852) 3922 2010

(852) 3922 2002 (44) 20 3037 4905 (852) 3922 2085 (9122) 6653 3204 (6221) 515 1555 (822) 3705 8610

Sales Trading cont'd

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Edward Robinson (London)	(44) 20 3037 4902
Thomas Chin (Malaysia)	(603) 2059 8888
Robert Risman (New York)	(1 212) 231 2555
Matthew Ryan (Singapore)	(65) 6231 2888
Isaac Huang (Taiwan)	(8862) 2734 7582
Jon Omori (Tokyo)	(813) 3512 7838
Alternative Strategies	
Convertibles - Roland Sharman	(852) 3922 2095
Depository Receipts - Robert Ansell	(852)3922 2094
Derivatives - Wayne Edelist	(852) 3922 2134

Convertibles - Roland Sharman	(852) 3922 2095
Depository Receipts - Robert Ansell	(852)3922 2094
Derivatives - Wayne Edelist	(852) 3922 2134
Futures - Tim Smith	(852) 3922 2113
Structured Products - Andrew Terlich	(852) 3922 2013