

中国中车 [1766.HK]

三季度盈利复苏幅度高于市场预期;上调评级至买入

在10月27日收盘后,中国中车发布了2017年三季报,并举行了分析师会议。期内盈利增长强于市场预期。公司第三季收入同比下降1.7%,首九个月收入则同比下降4.3%。第三季净利润同比增长 15.2%。在进行合并后,成本上的协同效应提升了利润率。首九个月的净利润同比跌幅收窄至9.4%。 我们轻微调整了公司2017-2018年收入预测,但由于利润率高于预期,我们将公司2017 - 2018年盈利 预测上调4-9%。我们预计2017年和2018年的盈利分别同比增长6.1%和12.2%。从2018年开始,铁 路改革提速有望进一步推动核心铁路业务的增长复苏。从铁路改革的进展来看,我们2018年的盈利预 测颇有可能有进一步上调的空间。我们将中国中车评级由沽出升至买入,目标价由5.75港元上调至 9.20港元。由于市场此前预计公司季度盈利增长复苏,公司股价在10月开始反弹。随着业务增长的可 见度提升,我们将目标市盈率从12倍提高到17倍,与历史平均动态市盈率相若。另一方面,公司的A/ H折让有所扩大,这代表南下资金也有可能在未来几季支持股份的重估。

投资亮点

- 盈利增长从2017年三季度开始恢复;2018年盈利有上涨空间。在三季度,公司的机车、货车和城轨交通工具业务的收入强劲增长,抵消了动车组和其他业务的收入下滑。期内净利润同比增长15.2%,主要由于利润率上升所致。在合并后,成本协同效应开始浮现,刺激利润率在三季度扩张。中国中车17年首三季收入同比下降4.3%。同期内净利润同比跌幅收窄至9.4%。考虑到利润率扩张幅度高于预期,我们将2017 2018年盈利预测上调了4-9%。我们预计2017年和2018年的盈利分别增长6.1%和12.2%。但是,从铁路改革的进展来看,我们认为2018年的盈利预测颇有可能有进一步上调的空间(图3)。
- 科铁路改革提速将推动中车动车组业务恢复增长。我们预计,从2018年起新增的线路,将支持公司动车组业务的需求恢复增长。但十三五期间动车组需求增长的幅度也将取决于铁路业务的改革。我们预计,铁路网的快速发展,将迫使中铁总更加注专于业务运营和改革,以提高铁路利润和解决铁路资金问题。预计铁路改革将在以下两方面使铁路设备业务受益:1)解决资金问题,以支持铁路网进一步扩张;2)中铁总的重点将转移到提高高铁列车的班次和扩大货运业务,这将刺激动车组和机车的需求。
- 成本协同效应浮现,有助提高利润率。从2016年开始,成本协同效应遂步浮现,提振了公司的利润率。我们预计其毛利率将从2016年的20.1%进一步扩大至2017年的21.0%,并在2018年增至21.1%。该合并减少了投资的重迭,并使旗下的城轨交通业务的竞争减少,最终有助于提升该业务的盈利能力。另外,中国中车开始对货运业务进行重组。鉴于货车市场仍供过于求,公司制定了降低产能和精简业务的方案。
- 从沽出升级至买入,目标价由5.75港元上调至9.20港元。我们的目标价是基于17倍的目标市盈率,与历史平均动态市盈率相若。

| 中国铁路业 |
|-------------------------------------|
| 买入(此前为沽出) |
| 收盘价: 7.56港元 (2017年10月27日) |
| 目标价: 9.20港 元(+ 21.7%) |

2017年10月30日



| 日田孤趄里 | 10.1070 |
|----------|---------------------|
| 52周交易区间 | 6.66-7.99 港元 |
| 三个月日均成交量 | 2,100万美元 |
| 主要股东 | 中国中车集团公司 (54.0%) |
| | |

来源: 公司, 彭博

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| Y/E Dec 31 | 2014 | 2015 | 2016 | 2017E | 2018E | 王志文,CFA—研究部主管 |
|------------------------|---------|---------|---------|---------|---------|--------------------------|
| 收入(百万元人民币) | 218,451 | 237,785 | 224,138 | 239,027 | 257,802 | |
| 经常性净利润(百万元人民币) | 10,815 | 11,818 | 11,296 | 11,987 | 13,453 | (852) 3698-6317 |
| 净利润率(%) | 5.0% | 5.0% | 5.0% | 5.0% | 5.2% | |
| 经常性每股盈利(人民币) | 0.41 | 0.43 | 0.41 | 0.42 | 0.47 | cmwong@chinastock.com.hk |
| 百分比变动 | na | 5.9% | -4.4% | 1.1% | 12.0% | |
| 市盈率(倍) 市净率(倍) | 15.8 | 14.9 | 15.6 | 15.4 | 13.7 | |
| 口伊平(信) EV/EBITDA(倍) | 1.0 | 1.8 | 1.7 | 1.5 | 1.4 | |
| | 4.1 | 7.2 | 7.2 | 6.6 | 5.8 | |



October 30, 2017

CRRC [1766.HK]

Earnings growth recovery in Q3 exceeded market expectations; upgrade to BUY

CRRC released its Q3 2017 results and hosted an analyst briefing after market close on October 27, 2017. Earnings growth in Q3 was stronger than market expectations. Total revenue in Q3 fell only 1.7% YoY, for a total revenue decline of 4.3% YoY in 9M17. Net profit rose 15.2% YoY in Q3. The cost synergy after the merger helped improve its margins. The net profit decline narrowed to only 9.4% YoY in 9M17. We fine-tune our revenue forecast for the Company in 2017-2018, but lift our earnings forecast for the Company in 2017-2018 by 4-9% due to higher-than-expected margins. We expect its earnings to grow 6.1% and 12.2% YoY in 2017 and 2018, respectively. Accelerating railway reform is expected to further drive its core railway business growth recovery from 2018 onwards. We are likely to see further upside potential to our earnings forecast for CRRC in 2018, depending on the progress of railway reform. We upgrade our rating for CRRC from SELL to **BUY** and raise our target price (TP) from HK\$5.75 to HK\$9.20. CRRC's share price started to rebound in October on the back of market expectations of its earnings growth recovery in Q3. Given improving business growth visibility, we lift our target PER multiple from 12x to 17x, in line with its historical average trading forward PER. The larger A/H discount also suggests southbound fund inflow might help support its share price rerating in the coming quarters.

Investment Highlights

- Earnings growth recovery started from Q3 2017; profit upside for 2018E. The strong revenue growth of its locomotive, freight wagon and urban transit vehicle businesses offset the revenue decline in its MU segment and other businesses in Q3. Net profit grew 15.2% YoY in Q3, mainly due to improving margins. Cost synergy from the merger kicked in, helping its margin expansion in Q3. CRRC's revenue in 9M17 fell 4.3% YoY. The net profit decline narrowed to only 9.4% YoY in 9M17. We lift our earnings forecast for CRRC in 2017-2018 by 4-9% due to higher-than-expected margin expansion. We expect its earnings to grow 6.1% and 12.2% in 2017 and 2018, respectively. But we see further upside potential to our earnings forecast in 2018 (Figure 3), depending on the progress of railway reform.
- Accelerating railway reform expected to drive CRRC MU business growth recovery. We expect increases in new line additions from 2018 onwards to support demand growth recovery in its MU segment. But the magnitude of MU demand growth in the 13th FYP will also rely on railway business reform. We expect the fast development of the railway network to force China Railway Corporation (CRC) to focus more on business operations and reform, which serves the purpose of improving rail profitability to resolve railway funding issues. Railway reform should benefit the railway network, and 2) shifting CRC's focus to increasing high-speed train operation density and expanding its freight business, which will create demand growth upside for MUs and locomotives.
- **Cost synergy kicked in to enhance margins.** Cost synergy kicked in to improve CRRC's margins starting in 2016. We forecast that its gross profit margin will further expand from 20.1% in 2016 to 21.0% in 2017 and 21.1% in 2018. The merger reduced its investment redundancies and led to less competition among its urban transit vehicle subsidiaries, which helped enhance the profitability of this product segment. In addition, CRRC started the business restructuring of its freight wagon business. Given the oversupply situation in the freight wagon market, the Company has set a plan to reduce capacity and streamline its business.
- Upgrade from SELL to BUY and raise the TP from HK\$5.75 to HK\$9.20. Our TP is based on a target PER multiple of 17x, which is in line with its historical average trading forward PER.

| Y/E Dec 31 | 2014 | 2015 | 2016 | 2017E | 2018E |
|------------------------------|---------|---------|---------|---------|---------|
| Turnover (RMB m) | 218,451 | 237,785 | 224,138 | 239,027 | 257,802 |
| Recurring net profit (RMB m) | 10,815 | 11,818 | 11,296 | 11,987 | 13,453 |
| Net margin (%) | 5.0% | 5.0% | 5.0% | 5.0% | 5.2% |
| Recurring EPS (RMB) | 0.41 | 0.43 | 0.41 | 0.42 | 0.47 |
| % change | na | 5.9% | -4.4% | 1.1% | 12.0% |
| PER(x) | 15.8 | 14.9 | 15.6 | 15.4 | 13.7 |
| PBR(x) | 1.0 | 1.8 | 1.7 | 1.5 | 1.4 |
| EV/EBITDA(x) | 4.1 | 7.2 | 7.2 | 6.6 | 5.8 |

China Railway Sector BUY (upgrade from SELL) Close: HK\$7.56 (Oct 27, 2017) Target Price: HK\$9.20 (+21.7%)

Price Performance



| Market Cap | US\$43,346m |
|----------------------|---------------|
| Shares Outstanding | 4,371m |
| Auditor | Deloitte |
| Free Float | 15.19% |
| 52W range | HK\$6.66-7.99 |
| 3M average daily T/O | US\$21m |
| Major Shareholding | CRCCG (54.0%) |

Sources: Company data, Bloomberg

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Key financials

CRRC (1766 HK)

P&L statement and key revenue segment forecast (RMB m. excent for per share amount)

|) | | | | | | | | | | | |
|---------|--|---|---|--|--|---|---|--|--|--|--|
| 1H15 | 2H15 | 1H16 | 2H16 | 1H17 | 2H17E | P&L | 2014 | 2015 | 2016 | 2017E | 2018E |
| 91,816 | 145,968 | 92,321 | 131,817 | 86,826 | 152,201 | Sales Revenue | 218,451 | 237,785 | 224,138 | 239,027 | 257,802 |
| -72,310 | -118,940 | -71,679 | -107,431 | -68,242 | -120,697 | COGS | -175,620 | -191,250 | -179,110 | -188,939 | -203,420 |
| 19,507 | 27,028 | 20,642 | 24,386 | 18,584 | 31,504 | Gross Profit | 42,831 | 46,535 | 45,028 | 50,087 | 54,382 |
| -3,372 | -4,581 | -3,179 | -4,071 | -2,816 | -4,916 | Selling and distribution cos | -7,402 | -7,954 | -7,250 | -7,731 | -7,992 |
| -9,533 | -12,953 | -9,987 | -12,439 | -10,369 | -14,729 | Administrative expenses | -19,727 | -22,486 | -22,427 | -25,098 | -27,069 |
| 507 | 876 | 202 | 1,911 | 432 | 768 | Other gains and losses | -90 | 1,383 | 2,114 | 1,200 | 1,224 |
| 7,108 | 10,370 | 7,678 | 9,787 | 5,831 | 12,627 | Total EBIT | 15,612 | 17,478 | 17,465 | 18,458 | 20,545 |
| 2,816 | 3,401 | 3,079 | 3,426 | 3,247 | 3,791 | Depreciation | 5,244 | 6,217 | 6,505 | 7,039 | 7,205 |
| 9,924 | 13,771 | 10,757 | 13,213 | 9,079 | 16,418 | EBITDA | 20,856 | 23,695 | 23,970 | 25,497 | 27,750 |
| -313 | -535 | -454 | -530 | -424 | -711 | Net Interest Expense | -1,862 | -849 | -984 | -1,135 | -1,093 |
| 209 | 210 | 333 | 120 | 233 | 265 | Share of Associate Profit (I | 734 | 419 | 453 | 499 | 549 |
| 7,004 | 10,044 | 7,557 | 9,377 | 5,641 | 12,181 | Pre-Tax Profit | 14,484 | 17,048 | 16,935 | 17,822 | 20,001 |
| -1,329 | -1,621 | -1,483 | -1,542 | -1,037 | -2,046 | Tax Expense | -2,137 | -2,951 | -3,025 | -3,083 | -3,460 |
| 5,675 | 8,423 | 6,074 | 7,836 | 4,604 | 10,134 | Net Profit After Tax | 12,346 | 14,098 | 13,910 | 14,738 | 16,541 |
| -976 | -1,304 | -1,280 | -1,335 | -931 | -1,820 | Minority Interest | -1,531 | -2,279 | -2,614 | -2,751 | -3,088 |
| 4,699 | 7,120 | 4,795 | 6,501 | 3,673 | 8,315 | Reported Earnings | 10,815 | 11,818 | 11,296 | 11,987 | 13,453 |
| 4,699 | 7,120 | 4,795 | 6,501 | 3,673 | 8,315 | Adjusted Earnings | 10,815 | 11,818 | 11,296 | 11,987 | 13,453 |
| 0.17 | 0.26 | 0.18 | 0.24 | 0.13 | 0.29 | EPS (rep) | 0.41 | 0.43 | 0.41 | 0.42 | 0.47 |
| 0.17 | 0.26 | 0.18 | 0.24 | 0.13 | 0.29 | EPS (adj) | 0.41 | 0.43 | 0.41 | 0.42 | 0.47 |
| 0.00 | 0.15 | 0.00 | 0.21 | 0.00 | 0.21 | DPS | 0.12 | 0.15 | 0.21 | 0.21 | 0.24 |
| | | | | | | % YoY growth | | | | | |
| 6.3% | 10.5% | 0.5% | -9.7% | -6.0% | 15.5% | Revenue | 126.3% | 8.9% | -5.7% | 6.6% | 7.9% |
| 17.2% | 3.2% | 5.8% | -9.8% | -10.0% | 29.2% | Gross profit | 157.6% | 8.6% | -3.2% | 11.2% | 8.6% |
| 7.2% | 15.5% | 8.0% | -5.6% | -24.1% | 29.0% | EBIT | 161.0% | 12.0% | -0.1% | 5.7% | 11.3% |
| 6.9% | 10.9% | 2.0% | -8.7% | -23.4% | 27.9% | Net profit | 161.2% | 9.3% | -4.4% | 6.1% | 12.2% |
| | | | | | | Margins and ratios | | | | | |
| 21.2% | 18.5% | 22.4% | 18.5% | 21.4% | 20.7% | Gross profit margin | 19.6% | 19.6% | 20.1% | 21.0% | 21.1% |
| 10.8% | 9.4% | 11.7% | 10.0% | 10.5% | 10.8% | EBITDA Margin | 9.5% | 10.0% | 10.7% | 10.7% | 10.8% |
| 7.7% | 7.1% | 8.3% | 7.4% | 6.7% | 8.3% | EBIT Margin | 7.1% | 7.4% | 7.8% | 7.7% | 8.0% |
| 5.1% | 4.9% | 5.2% | 4.9% | 4.2% | 5.5% | | 5.0% | 5.0% | | 5.0% | 5.2% |
| | 91,816 -72,310 19,507 -3,372 -9,533 507 7,108 2,816 9,924 -313 209 7,004 -1,329 5,675 -976 4,699 4,699 4,699 0.17 0.17 0.00 6.3% 17.2% 6.9% 21.2% 10.8% 7.7% | 1H15 2H15 91,816 145,968 -72,310 -118,940 19,507 27,028 -3,372 -4,581 -9,533 -12,953 507 876 7,108 10,370 2,816 3,401 9,924 13,771 -313 -535 209 210 7,004 10,044 -1,329 -1,621 5,675 8,423 -976 -1,304 4,699 7,120 0.17 0.266 0.100 0.15 6.3% 10.5% 17.2% 3.2% 6.9% 10.9% 21.2% 18.5% 10.8% 9.4% 7.7% 7.1% | 1H152H151H1691,816145,96692,321 $-72,310$ $-118,940$ $-71,679$ 19,50727,02820,642 $-3,372$ $4,581$ $-3,179$ $-9,533$ $-12,953$ $-9,987$ 507 876 2027,10810,3707,6782,8163,4013,079 $9,924$ 13,77110,757 -313 -535 -454 2092103337,00410,0447,557 $-1,329$ $-1,621$ $-1,483$ 5,6758,4236,074 -976 $-1,304$ $-1,280$ 4,6997,1204,7950.170.260.180.170.260.180.000.150.006.3%10.5%0.5%17.2%3.2%5.8%7.2%15.5%8.0%6.9%10.9%2.0%21.2%18.5%22.4%10.8%9.4%11.7%7.7%7.1%8.3% | 1H152H151H162H1691,816145,96892,321131,817 $-72,310$ $-118,940$ $-71,679$ $-107,431$ 19,50727,02820,64224,386 $-3,372$ $-4,581$ $-3,179$ $4,071$ $-9,533$ $-12,953$ $-9,987$ $-12,439$ 507 876 202 $1,911$ $7,108$ $10,370$ $7,678$ $9,787$ $2,816$ $3,401$ $3,079$ $3,426$ $9,924$ $13,771$ $10,757$ $13,213$ -313 -535 -454 -530 209 210 333 120 $7,004$ $10,044$ $7,557$ $9,377$ $-1,329$ $-1,621$ $-1,483$ $-1,542$ $5,675$ $8,423$ $6,074$ $7,836$ -976 $-1,304$ $-1,280$ $-1,335$ $4,699$ $7,120$ $4,795$ $6,501$ $0,17$ 0.26 0.18 0.24 0.00 0.15 0.00 0.21 0.17 0.26 0.18 0.24 0.00 0.15 0.00 0.21 6.3% 10.5% 5.8% -9.8% 7.2% 15.5% 8.0% -5.6% 6.9% 10.9% 22.4% 8.5% 10.8% 9.4% 11.7% 10.0% $7,7\%$ 7.1% 8.3% 7.4% | 1H152H151H162H161H1791,816145,96892,321131,81786,826-72,310-118,940-71,679-107,431-68,24219,50727,02820,64224,38618,584-3,372-4,581-3,1794,071-2,816-9,533-12,953-9,987-12,439-10,3695078762021,9114327,10810,3707,6789,7875,8312,8163,4013,0793,4263,2479,92413,77110,75713,2139,079-313-535-454-530-4242092103331202337,00410,0447,5579,3775,641-1,329-1,621-1,483-1,542-1,0375,6758,4236,0747,8364,604-976-1,304-1,280-1,335-9314,6997,1204,7956,5013,6730,170.260.180.240.130,170.260.180.240.130,170.260.180.240.130,170.260.180.240.130,000.150.000.210.006.3%10.5%5.8%-9.8%-10.0%7.2%15.5%8.0%-5.6%-24.1%6.9%10.9%2.0%-8.7%-23.4%21.2%18.5%22.4%18.5%21.4% </td <td>1H152H151H162H161H172H17E91,816145,96892,321131,817$86,826$152,201-72,310-118,940-71,679-107,431-68,242-120,69719,50727,02820,64224,38618,58431,504-3,372-4,581-3,1794,071-2,8164,916-9,533-12,953-9,987-12,439-10,369-14,7295078762021,9114327687,10810,3707,6789,7875,83112,6272,8163,4013,0793,4263,2473,7919,92413,77110,75713,2139,07916,418-313-535-454-530-424-71112092103331202332657,00410,0447,5579,3775,64112,181-1,329-1,621-1,483-1,542-1,037-2,0465,6758,4236,0747,8364,60410,134-976-1,304-1,280-1,335-931-1,8204,6997,1204,7956,5013,6738,3150,170,260,180,240,130,290,000,150,000,210,000,210,000,150,000,210,000,210,000,150,00-8,7%-23,4%27,9%6,3%10,5%0,5%-9,7%-6,0%<</td> <td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 91,816 145,968 92,321 131,817 86,826 152,201 19,507 27,028 20,642 24,386 18,584 31,504 COGS -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Selling and distribution cos -3,372 4,581 -3,179 -10,7439 -10,369 -14,729 507 876 202 1,911 432 768 7,108 10,370 7,678 9,787 5,831 12,627 2,816 3,401 3,079 3,426 -1711 209 210 333 120 233 265 7,004 10,044 7,557 9,377 5,641 12,181 -1,329 -1,621 -1,483 -1,542 -1,037 2,406 7,904 10,044 7,557 9,365 6,501 3,673 8,315 4,699 7,120</td> <td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 91,816 145,968 92,321 131,817 86,826 152,201 72,310 -118,940 -71,679 -107,431 -68,242 -120,697 COGS -175,620 91,907 27,028 20,642 24,386 18,584 31,504 Gross Profit 42,831 -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Seling and distribution cos -7,402 -9,507 876 202 1,911 432 768 Total EBIT 15,612 2,816 3,401 3,079 3,426 3,247 3,791 Depreciation 5,244 9,924 13,771 10,757 13,213 9,079 16,418 EBITDA 20,856 313 -535 -454 -530 -424 -711 Het Interest Expense -1,862 5,675 8,423 6,974 7,836 4,604 10,134 Het Profit After Tax<td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 91,816 145,968 92,321 131,817 86,826 152,201 Sales Revenue 218,451 237,785 72,310 -118,940 -71,679 -107,431 -68,224 -12,049 -74,059 -175,620 -191,250 9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -19,727 -22,486 507 876 202 1,911 432 768 Other gains and losses -90 1,383 7,108 10,370 7,678 9,787 5,831 12,627 Total EBIT 15,612 17,478 9,924 13,771 10,757 13,213 9,079 16,418 EITDA 20,856 23,695 -1,329 -1,621 -1,483 -1,535 -931 -1,820 -1,862 -849 5675 8,423 6,074 7,836 4,604 10,134 Perax Profit</td><td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 91,816 145,968 92,321 131,817 86,826 152,201 COGS -175,620 -191,250 -179,110 19,507 27,028 20,642 24,386 18,584 31,504 Gross Profit 42,831 46,535 45,028 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 -10,727 -22,486 -22,427 507 876 202 1,911 432 768 -14,729 10,374 -6,824 -7,020 -19,727 -22,486 -22,427 7014 -17,48 17,468 -6,217 -7,554 -7,250 147,478 17,468 -7,472 -7,955 -7,520 19,924 13,771 10,757 13,213 9,079 16,418 EBITDA 20,856 23,695 23,970 -3,13 -535 4,54 -530 -424 -711 15,861 14,4284 17,048<!--</td--><td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 2017E 91,816 145,968 92,321 131,817 86,226 152,201 Sales Revenue 218,451 237,785 224,138 239,027 72,310 -118,940 -71,679 -107,410 -68,242 -120,897 GCOS -17,562 -191,210 -179,110 -188,990 -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Geoss Profit 42,831 46,535 45,028 50,087 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -90 1,383 2,114 1,200 7,108 0,370 7,678 9,787 5,831 12,627 -505 7,039 9,924 13,717 10,757 13,213 9,079 16,418 EBITDA 20,866 23,695 23,970 25,497 -1,329 -1,621 -1,433 -1,524 -1</td></td></td> | 1H152H151H162H161H172H17E91,816145,96892,321131,817 $86,826$ 152,201-72,310-118,940-71,679-107,431-68,242-120,69719,50727,02820,64224,38618,58431,504-3,372-4,581-3,1794,071-2,8164,916-9,533-12,953-9,987-12,439-10,369-14,7295078762021,9114327687,10810,3707,6789,7875,83112,6272,8163,4013,0793,4263,2473,7919,92413,77110,75713,2139,07916,418-313-535-454-530-424-71112092103331202332657,00410,0447,5579,3775,64112,181-1,329-1,621-1,483-1,542-1,037-2,0465,6758,4236,0747,8364,60410,134-976-1,304-1,280-1,335-931-1,8204,6997,1204,7956,5013,6738,3150,170,260,180,240,130,290,000,150,000,210,000,210,000,150,000,210,000,210,000,150,00-8,7%-23,4%27,9%6,3%10,5%0,5%-9,7%-6,0%< | 1H15 2H15 1H16 2H16 1H17 2H17E P&L 91,816 145,968 92,321 131,817 86,826 152,201 19,507 27,028 20,642 24,386 18,584 31,504 COGS -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Selling and distribution cos -3,372 4,581 -3,179 -10,7439 -10,369 -14,729 507 876 202 1,911 432 768 7,108 10,370 7,678 9,787 5,831 12,627 2,816 3,401 3,079 3,426 -1711 209 210 333 120 233 265 7,004 10,044 7,557 9,377 5,641 12,181 -1,329 -1,621 -1,483 -1,542 -1,037 2,406 7,904 10,044 7,557 9,365 6,501 3,673 8,315 4,699 7,120 | 1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 91,816 145,968 92,321 131,817 86,826 152,201 72,310 -118,940 -71,679 -107,431 -68,242 -120,697 COGS -175,620 91,907 27,028 20,642 24,386 18,584 31,504 Gross Profit 42,831 -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Seling and distribution cos -7,402 -9,507 876 202 1,911 432 768 Total EBIT 15,612 2,816 3,401 3,079 3,426 3,247 3,791 Depreciation 5,244 9,924 13,771 10,757 13,213 9,079 16,418 EBITDA 20,856 313 -535 -454 -530 -424 -711 Het Interest Expense -1,862 5,675 8,423 6,974 7,836 4,604 10,134 Het Profit After Tax <td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 91,816 145,968 92,321 131,817 86,826 152,201 Sales Revenue 218,451 237,785 72,310 -118,940 -71,679 -107,431 -68,224 -12,049 -74,059 -175,620 -191,250 9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -19,727 -22,486 507 876 202 1,911 432 768 Other gains and losses -90 1,383 7,108 10,370 7,678 9,787 5,831 12,627 Total EBIT 15,612 17,478 9,924 13,771 10,757 13,213 9,079 16,418 EITDA 20,856 23,695 -1,329 -1,621 -1,483 -1,535 -931 -1,820 -1,862 -849 5675 8,423 6,074 7,836 4,604 10,134 Perax Profit</td> <td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 91,816 145,968 92,321 131,817 86,826 152,201 COGS -175,620 -191,250 -179,110 19,507 27,028 20,642 24,386 18,584 31,504 Gross Profit 42,831 46,535 45,028 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 -10,727 -22,486 -22,427 507 876 202 1,911 432 768 -14,729 10,374 -6,824 -7,020 -19,727 -22,486 -22,427 7014 -17,48 17,468 -6,217 -7,554 -7,250 147,478 17,468 -7,472 -7,955 -7,520 19,924 13,771 10,757 13,213 9,079 16,418 EBITDA 20,856 23,695 23,970 -3,13 -535 4,54 -530 -424 -711 15,861 14,4284 17,048<!--</td--><td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 2017E 91,816 145,968 92,321 131,817 86,226 152,201 Sales Revenue 218,451 237,785 224,138 239,027 72,310 -118,940 -71,679 -107,410 -68,242 -120,897 GCOS -17,562 -191,210 -179,110 -188,990 -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Geoss Profit 42,831 46,535 45,028 50,087 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -90 1,383 2,114 1,200 7,108 0,370 7,678 9,787 5,831 12,627 -505 7,039 9,924 13,717 10,757 13,213 9,079 16,418 EBITDA 20,866 23,695 23,970 25,497 -1,329 -1,621 -1,433 -1,524 -1</td></td> | 1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 91,816 145,968 92,321 131,817 86,826 152,201 Sales Revenue 218,451 237,785 72,310 -118,940 -71,679 -107,431 -68,224 -12,049 -74,059 -175,620 -191,250 9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -19,727 -22,486 507 876 202 1,911 432 768 Other gains and losses -90 1,383 7,108 10,370 7,678 9,787 5,831 12,627 Total EBIT 15,612 17,478 9,924 13,771 10,757 13,213 9,079 16,418 EITDA 20,856 23,695 -1,329 -1,621 -1,483 -1,535 -931 -1,820 -1,862 -849 5675 8,423 6,074 7,836 4,604 10,134 Perax Profit | 1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 91,816 145,968 92,321 131,817 86,826 152,201 COGS -175,620 -191,250 -179,110 19,507 27,028 20,642 24,386 18,584 31,504 Gross Profit 42,831 46,535 45,028 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 -10,727 -22,486 -22,427 507 876 202 1,911 432 768 -14,729 10,374 -6,824 -7,020 -19,727 -22,486 -22,427 7014 -17,48 17,468 -6,217 -7,554 -7,250 147,478 17,468 -7,472 -7,955 -7,520 19,924 13,771 10,757 13,213 9,079 16,418 EBITDA 20,856 23,695 23,970 -3,13 -535 4,54 -530 -424 -711 15,861 14,4284 17,048 </td <td>1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 2017E 91,816 145,968 92,321 131,817 86,226 152,201 Sales Revenue 218,451 237,785 224,138 239,027 72,310 -118,940 -71,679 -107,410 -68,242 -120,897 GCOS -17,562 -191,210 -179,110 -188,990 -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Geoss Profit 42,831 46,535 45,028 50,087 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -90 1,383 2,114 1,200 7,108 0,370 7,678 9,787 5,831 12,627 -505 7,039 9,924 13,717 10,757 13,213 9,079 16,418 EBITDA 20,866 23,695 23,970 25,497 -1,329 -1,621 -1,433 -1,524 -1</td> | 1H15 2H15 1H16 2H16 1H17 2H17E P&L 2014 2015 2016 2017E 91,816 145,968 92,321 131,817 86,226 152,201 Sales Revenue 218,451 237,785 224,138 239,027 72,310 -118,940 -71,679 -107,410 -68,242 -120,897 GCOS -17,562 -191,210 -179,110 -188,990 -3,372 4,581 -3,179 -4,071 -2,816 -4,916 Geoss Profit 42,831 46,535 45,028 50,087 -9,533 -12,953 -9,987 -12,439 -10,369 -14,729 Administrative expenses -90 1,383 2,114 1,200 7,108 0,370 7,678 9,787 5,831 12,627 -505 7,039 9,924 13,717 10,757 13,213 9,079 16,418 EBITDA 20,866 23,695 23,970 25,497 -1,329 -1,621 -1,433 -1,524 -1 |

| Revenue breakdown (Rmb m) | 2014 | 2015 | 2016 | 2017E | 2018E |
|---|---------|---------|---------|---------|---------|
| Locomotives | 36,217 | 32,361 | 12,339 | 26,250 | 27,563 |
| Passenger carriages | 11,367 | 10,227 | 8,327 | 5,094 | 5,094 |
| Freight wagons | 14,780 | 10,138 | 10,857 | 31,375 | 25, 100 |
| Multiple units | 63,450 | 76,824 | 74,652 | 56,912 | 66,074 |
| Railway equipment | 125,814 | 129,550 | 106,175 | 119,632 | 123,831 |
| Rapid transit vehicles and urban infras | 17,931 | 24,477 | 26,978 | 37,230 | 44,675 |
| New business | 40,984 | 52,513 | 57,562 | 60,440 | 66,484 |
| Modern service | 33,722 | 31,244 | 33,424 | 21,725 | 22,812 |
| Total revenue | 218,451 | 237,784 | 224,138 | 239,027 | 257,802 |
| % YoY | | | | | |
| Locomotives | na | -10.6% | -61.9% | 112.7% | 5.0% |
| Passenger carriages | na | -10.0% | -18.6% | -38.8% | 0.0% |
| Freight wagons | na | -31.4% | 7.1% | 189.0% | -20.0% |
| Multiple units | na | 21.1% | -2.8% | -23.8% | 16.1% |
| Railway equipment | na | 3.0% | -18.0% | 12.7% | 3.5% |
| Rapid transit vehicles and urban infras | na | 36.5% | 10.2% | 38.0% | 20.0% |
| New businesses | na | 28.1% | 9.6% | 5.0% | 10.0% |
| Modern service | na | -7.3% | 7.0% | -35.0% | 5.0% |
| Total revenue | na | 8.9% | -5.7% | 6.6% | 7.9% |
| % of total | | | | | |
| Locomotives | 17% | 14% | 6% | 11% | 11% |
| Passenger carriages | 5% | 4% | 4% | 2% | 2% |
| Freight wagons | 7% | 4% | 5% | 13% | 10% |
| Multiple units | 29% | 32% | 33% | 24% | 26% |
| Railway equipment | 58% | 54% | 47% | 50% | 48% |
| Rapid transit vehicles and urban infras | 8% | 10% | 12% | 16% | 17% |
| New businesses | 19% | 22% | 26% | 25% | 26% |
| Modern service | 15% | 13% | 15% | 9% | 9% |
| Total revenue | 100% | 100% | 100% | 100% | 100% |



Key financials

CRRC (1766 HK)

Balance sheet, cash flow statements and ratios

| Trade receivables Bills receivables Prepayments and other receivables Prepaid lease payments Available-for-sale investment Cash and cash equivalent Other current assets Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 2014 59,628 58,424 8,880 19,805 335 4,400 43,837 42 151 5,059 200,562 58,743 64 13,548 792 1,949 | 2015 59,747 72,514 10,166 18,787 348 3,259 34,755 1,243 92 4,614 205,526 62,180 939 14,428 1,315 | 2016E 54,402 74,053 15,100 30,501 364 52 41,034 747 140 4,561 220,953 66,364 970 | 2017E 57,387 78,972 16,103 32,175 363 52 68,310 747 140 4,561 258,810 70,657 | 2018E 61,305 84,757 16,951 33,996 362 52 78,236 747 140 4,561 281,106 | Cash flow statement EBITDA Tax Paid Change in Working Cap Net interest paid Others Operating Cash Flow Acquisitions Capex Asset Sales Investment Others | 2014 20,856 -2,878 7,995 -2,270 2,664 26,367 -8,970 -9,866 345 3,120 | 2015 23,695 -3,328 -7,001 -1,412 1,093 13,046 -7,188 -9,207 351 5,413 | 2016 23,970 -3,644 -587 -1,264 1,209 19,684 -18,139 -10,373 384 10,136 | 2017E 25,497 -3,083 -2,228 -1,135 0 19,051 0 -10,743 0 | 2018E 27,750 -3,460 -91 -1,093 (0 23,107 (0 -10,743 (0 |
|---|--|---|---|--|--|--|--|---|--|--|---|
| Trade receivables Bills receivables Prepayments and other receivables Prepaid lease payments Available-for-sale investment Cash and cash equivalent Other current assets Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 58,424 8,880 19,805 335 4,400 43,837 42 151 5,059 200,562 58,743 64 13,548 792 | 72,514 10,166 18,787 348 3,259 34,755 1,243 92 4,614 205,526 62,180 939 14,428 | 74,053 15,100 30,501 364 52 41,034 747 140 4,561 220,953 66,364 970 | 78,972 16,103 32,175 363 52 68,310 747 140 4,561 258,810 | 84,757 16,951 33,996 362 52 78,236 747 140 4,561 | Tax Paid Change in Working Cap Net interest paid Others Operating Cash Flow Acquisitions Capex Asset Sales Investment | -2,878 7,995 -2,270 2,664 26,367 -8,970 -9,866 345 3,120 | -3,328 -7,001 -1,412 1,093 13,046 -7,188 -9,207 351 | -3,644 -587 -1,264 1,209 19,684 -18,139 -10,373 384 | -3,083 -2,228 -1,135 0 19,051 0 -10,743 0 | -3,460 -91 -1,093 (23,107 (-10,743 |
| Bills receivables Prepayments and other receivables Prepaid lease payments Available-for-sale investment Cash and cash equivalent Other current assets Tax recoverable Pledged bank deposits Current assets PPE Investment properties Prepaid lease payments Goodwill | 8,880 19,805 335 4,400 43,837 42 151 5,059 200,562 58,743 64 13,548 792 | 10,166 18,787 348 3,259 34,755 1,243 92 4,614 205,526 62,180 939 14,428 | 15,100 30,501 364 52 41,034 747 140 4,561 220,953 66,364 970 | 16,103 32,175 363 52 68,310 747 140 4,561 258,810 | 16,951 33,996 362 52 78,236 747 140 4,561 | Change in Working Cap Net interest paid Others Operating Cash Flow Acquisitions Capex Asset Sales Investment | 7,995 -2,270 2,664 26,367 -8,970 -9,866 345 3,120 | -7,001 -1,412 1,093 13,046 -7,188 -9,207 351 | -587 -1,264 1,209 19,684 -18,139 -10,373 384 | -2,228 -1,135 0 19,051 0 -10,743 0 | -9 -1,093 (2 3,10 (-10,743 |
| Prepaid lease payments Available-for-sale investment Cash and cash equivalent Other current assets Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 335 4,400 43,837 42 151 5,059 200,562 58,743 64 13,548 792 | 348 3,259 34,755 1,243 92 4,614 205,526 62,180 939 14,428 | 364 52 41,034 747 140 4,561 220,953 66,364 970 | 363 52 68,310 747 140 4,561 258,810 | 362 52 78,236 747 140 4,561 | Net interest paid Others Operating Cash Flow Acquisitions Capex Asset Sales Investment | 2,664 26,367 -8,970 -9,866 345 3,120 | 1,093 13,046 -7,188 -9,207 351 | 1,209 19,684 -18,139 -10,373 384 | 0 19,051 0 -10,743 0 | 23,10 -10,74 |
| Available-for-sale investment Cash and cash equivalent Other current assets Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 4,400 43,837 42 151 5,059 200,562 58,743 64 13,548 792 | 3,259 34,755 1,243 92 4,614 205,526 62,180 939 14,428 | 52 41,034 747 140 4,561 220,953 66,364 970 | 52 68,310 747 140 4,561 258,810 | 52 78,236 747 140 4,561 | Operating Cash Flow Acquisitions Capex Asset Sales Investment | 26,367 -8,970 -9,866 345 3,120 | 13,046 -7,188 -9,207 351 | 19,684 -18,139 -10,373 384 | 19,051 0 -10,743 0 | -10,74 |
| Cash and cash equivalent Other current assets Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 43,837 42 151 5,059 200,562 58,743 64 13,548 792 | 34,755 1,243 92 4,614 205,526 62,180 939 14,428 | 41,034 747 140 4,561 220,953 66,364 970 | 68,310 747 140 4,561 258,810 | 78,236 747 140 4,561 | Acquisitions Capex Asset Sales Investment | -8,970 -9,866 345 3,120 | -7,188 -9,207 351 | -18,139 -10,373 384 | 0 -10,743 0 | -10,74 |
| Other current assets Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 42 151 5,059 200,562 58,743 64 13,548 792 | 1,243 92 4,614 205,526 62,180 939 14,428 | 747 140 4,561 220,953 66,364 970 | 747 140 4,561 258,810 | 747 140 4,561 | Capex Asset Sales Investment | -9,866 345 3,120 | -9,207 351 | -10,373 384 | -10,743 0 | |
| Tax recoverable Pledged bank deposits Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 151 5,059 200,562 58,743 64 13,548 792 | 92 4,614 205,526 62,180 939 14,428 | 140 4,561 220,953 66,364 970 | 140 4,561 258,810 | 140 4,561 | Asset Sales Investment | 345 3,120 | 351 | 384 | 0 | |
| Pledged bank deposits 2 Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 5,059 200,562 58,743 64 13,548 792 | 4,614 205,526 62,180 939 14,428 | 4,561 220,953 66,364 970 | 4,561 258,810 | 4,561 | Investment | 3,120 | | | - | (|
| Current assets 2 PPE Investment properties Prepaid lease payments Goodwill | 200,562 58,743 64 13,548 792 | 205,526 62,180 939 14,428 | 220,953 66,364 970 | 258,810 | | | , | 5,413 | 10 136 | | |
| PPE Investment properties Prepaid lease payments Goodwill | 58,743 64 13,548 792 | 62,180 939 14,428 | 66,364 970 | - | 281,106 | Others | | | , | 0 | (|
| Investment properties Prepaid lease payments Goodwill | 64 13,548 792 | 939 14,428 | 970 | 70.657 | | | -4,414 | 5,239 | -6,716 | 0 | |
| Investment properties Prepaid lease payments Goodwill | 64 13,548 792 | 939 14,428 | 970 | 10.657 | 74.040 | Investing Cashflow | -19,785 | -5,392 | -24,709 | -10,743 | -10,74 |
| Prepaid lease payments Goodwill | 13,548 792 | 14,428 | | | 74,612 | Dividend (ordinary) | -3,306 | -3,220 | -4,064 | -5,731 | -6,09 |
| Goodwill | 792 | | | 925 | 883 | Equity Raised | 7,822 | 0 | 0 | 12,000 | |
| | | 1,315 | 14,492 | 14,456 | 14,421 | Debt Movements | 5,107 | -11,294 | 7,427 | 12,765 | 3,65 |
| Other intangible assets | 1,949 | | 1,287 | 1,287 | 1,287 | Others | -281 | -237 | -754 | -66 | (|
| | | 3,260 | 2,820 | 2,313 | 1,975 | Financing Cashflow | 9,343 | -14,752 | 2,609 | 18,968 | -2,43 |
| Long-term equity investment | 4,814 | 3,613 | 8,472 | 8,971 | 9,519 | | | | | | |
| Available-for-sale investment | 1,022 | 3,157 | 3,819 | 3,819 | 3,819 | Exchange difference | -83 | 8 | 486 | 0 | (|
| Deferred tax assets | 1,928 | 2,744 | 3,009 | 3,009 | 3,009 | Net Chg in Cash/debt | 15,842 | -7,090 | -1,930 | 27,276 | 9,92 |
| | 15,393 | 14,533 | 16,124 | 16,124 | 16,124 | FCF | 6,583 | 7,654 | -5,025 | 8,308 | 12,36 |
| | 98,252 | 106,168 | 117,357 | 121,561 | 125,648 | | 2014 | 2015 | 2016 | 2017E | 2018 |
| | , . | , | , | , | ., | Valuation | | | | | |
| Total assets 2 | 298,814 | 311,694 | 338,311 | 380,371 | 406,755 | PE(x) | 15.8 | 14.9 | 15.6 | 15.4 | 13.7 |
| | 200,014 | 011,004 | 000,011 | 000,071 | 400,100 | () | 36.3 | 5.9 | -4.4 | 1.1 | 12.0 |
| | 74 000 | 00 470 | 04.050 | 00.000 | 404 400 | EPS growth(%) | | | | | |
| | 71,390 | 83,179 | 91,950 | 96,996 | 104,430 | Yield(%) | 1.9 | 2.3 | 3.3 | 3.3 | 3.1 |
| | 21,551 | 22,790 | 19,797 | 20,884 | 22,484 | PEG(%) | 0.4 | 2.5 | -3.5 | 13.8 | 1.1 |
| Other payables and accruals | 47,539 | 41,245 | 38,217 | 40,315 | 43,404 | EV/EBITDA(x) | 4.1 | 7.2 | 7.2 | 6.6 | 5.8 |
| Short-term debt | 27,375 | 15,260 | 27,184 | 37,996 | 28,497 | PB(x) | 1.0 | 1.8 | 1.7 | 1.5 | 1.4 |
| Retirement benefit obligagtions | 391 | 352 | 320 | 320 | 320 | | | | | | |
| Tax payables | 1,310 | 1,534 | 1,272 | 1,272 | 1,272 | Operational | | | | | |
| Provision fro warranties | 1,952 | 2,280 | 1,866 | 1,990 | 2,146 | Revenue growth(%) | 126.3 | 8.9 | -5.7 | 6.6 | 7.9 |
| Other current liabilities | 1,404 | 2,451 | 3,621 | 3,621 | 3,621 | EBIT margin(%) | 7.1 | 7.4 | 7.8 | 7.7 | 8.0 |
| | 172,913 | 169,091 | 184,227 | 203,393 | 206,174 | | 5.0 | 5.0 | 5.0 | 5.0 | 5.2 |
| Current nabinues | 172,313 | 103,031 | 104,227 | 203,333 | 200,174 | Net profit margin(%) | 5.0 | 5.0 | 5.0 | 5.0 | 0.2 |
| Long-term debt | 12,216 | 14,316 | 10,713 | 12,665 | 25,821 | Days receivables | 104 | 145 | 180 | 189 | 18 |
| Long-term payables | 239 | 276 | 213 | 213 | 213 | Days payables | 162 | 235 | 264 | 259 | 25 |
| Retirement benefit obligations | 4,201 | 4,054 | 3,516 | 3,516 | 3,516 | Days inventories | 92 | 114 | 116 | 108 | 10 |
| Provision for warranties | 1,795 | 3,741 | 4,536 | 4,536 | 4,536 | | | | | | |
| Deferred tax liabilities | 193 | 242 | 236 | 236 | 236 | Current ratio((x) | 1.2 | 1.2 | 1.2 | 1.3 | 1.4 |
| Other non-current liabilities | 5,079 | 6,398 | 11,065 | 11,065 | 11,065 | Quick ratio(x) | 0.8 | 0.9 | 0.9 | 1.0 | 1.1 |
| | 23,724 | 29,028 | 30,279 | 32,231 | 45,387 | ., | 3.3 | 3.2 | 3.2 | 3.1 | 3.1 |
| Non-current liabilities | 23,124 | 23,020 | 30,219 | 32,231 | 40,007 | Asset/equity(x) | | | | | |
| | | | | | | Net debt/equity(%) | -4.8 | -5.3 | -3.0 | -14.3 | -18.3 |
| Total liabilities 1 | 196,636 | 198,119 | 214,506 | 235,625 | 251,561 | EBITDA interest coverage(x | 9.2 | 16.8 | 19.0 | 13.3 | 12.9 |
| | 80.205 | 06.000 | 104 957 | 102 047 | 130 406 | ROE(%) | 12.1 | 12.2 | 10.8 | 9.7 | 10.3 |
| | 89,295 | 96,900 | 104,857 | 123,047 | 130,406 | | | | | | |
| Minority Interest | 12,882 | 16,674 | 18,948 | 21,699 | 24,787 | | | | | | |
| Total S/H Equity 1 | 102,177 | 113,575 | 123,805 | 144,747 | 155,193 | | | | | | |
| Total Liab & S/H Fund 2 | 298,814 | 311,694 | 338,311 | 380,371 | 406,755 | | | | | | |



Earnings growth recovery started in Q3 2017

Earnings growth recovered in Q3 2017 and was stronger than market expectations. Total revenue was only 1.7% behind last year's level in Q3. The strong revenue growth of the locomotive, freight wagon and urban transit vehicle business segments (Fig 1) offset the revenue decline in its MU, passenger carriage, new business and modern service business segments. Net profit grew 15.2% YoY in Q3 mainly due to improving margins. Even with negative changes in the product mix, the Company reported gross profit margin expansion of 1.6ppt YoY in Q3. This was attributable to improving margins in its freight wagon and urban transit vehicle business segments. Rising SG&A expenses, however, led to operating profit margin expansion below its gross profit margin expansion in Q3. Net financing cost rose 11.9% YoY in Q3 due to increasing FX losses. With a lower tax rate, the net profit margin expanded by 0.8ppt YoY in Q3.

Figure 1: CRRC 9M17 and Q317 results overview

| Rmb m | 9M17 | 9M16 | % YoY | 3Q17 | 3Q16 | % YoY |
|--|----------|----------|--------|---------|---------|--------|
| Locomotive | 15,043 | 8,488 | 77.2% | 6,821 | 5,085 | 34.1% |
| Passenger carriage | 3,339 | 5,506 | -39.4% | 1,365 | 2,432 | -43.9% |
| MU | 35,542 | 54,114 | -34.3% | 14,840 | 15,803 | -6.1% |
| Freight wagon | 18,611 | 6,199 | 200.2% | 7,089 | 3,297 | 115.0% |
| Railway equipment | 72,535 | 74,307 | -2.4% | 30,115 | 26,617 | 13.1% |
| Rapid transit vehicles and urban infrast | 21,286 | 15,466 | 37.6% | 7,728 | 5,442 | 42.0% |
| New business | 33,489 | 36,209 | -7.5% | 12,535 | 11,399 | 10.0% |
| Modern services | 13,356 | 21,077 | -36.6% | 1,571 | 9,396 | -83.3% |
| Total revenue | 140,666 | 147,059 | -4.3% | 51,949 | 52,854 | -1.7% |
| COGS | -110,330 | -114,887 | -4.0% | -40,254 | -41,780 | -3.7% |
| GP | 30,336 | 32,173 | -5.7% | 11,695 | 11,074 | 5.6% |
| GPM | 21.6% | 21.9% | -0.3% | 22.5% | 21.0% | 1.6% |
| SG&A | -20,271 | -20,210 | 0.3% | -7,534 | -7,096 | 6.2% |
| Other gains and losses | 1,026 | 587 | 74.7% | 657 | 529 | 24.1% |
| OP | 11,091 | 12,550 | -11.6% | 4,818 | 4,507 | 6.9% |
| OPM | 7.9% | 8.5% | -0.6% | 9.3% | 8.5% | 0.7% |
| Financing cost | -1,107 | -914 | 21.1% | -475 | -424 | 11.9% |
| Profit contribution from associates | 0 | 0 | na | 0 | 0 | na |
| PBT | 9,984 | 11,635 | -14.2% | 4,343 | 4,083 | 6.4% |
| Tax | -1,732 | -2,271 | -23.7% | -695 | -788 | -11.8% |
| effective tax rate | -17.3% | -19.5% | 2.2% | -16.0% | -19.3% | 3.3% |
| PAT | 8,252 | 9,364 | -11.9% | 3,648 | 3,295 | 10.7% |
| NPM | 5.9% | 6.4% | -0.5% | 7.0% | 6.2% | 0.8% |
| Minority interest | -1,443 | -1,849 | -21.9% | -512 | | -10.6% |
| Profit to common shareholder | 6,809 | 7,515 | -9.4% | 3,137 | 2,722 | 15.2% |



Overall, CRRC's revenue in 9M17 fell 4.3% YoY. The net profit decline narrowed to only 9.4% YoY in 9M17. The 9M17 results were within our and market expectations. Our revenue forecast for the Company in 2017-2018 remains largely unchanged. But we lift our earnings forecast for the Company in 2017-2018 by 4-9% due to better-than-expected margin expansion (Fig 2). We expect its earnings to grow 6.1% and 12.2% in 2017 and 2018, respectively.

Figure 2: Earnings estimates: CGIS new vs. old and consensus earnings estimates

| CRRC | | | | | | |
|------------------------|---------|--------|--------|------------|---------|----------|
| 2017E (Rmb m, Rmb) | Sales | EBIT | EBITDA | Net profit | EPS Adj | EPS GAAP |
| CGIS old | 239,670 | 17,872 | 24,911 | 11,500 | 0.40 | 0.40 |
| CGIS new | 239,027 | 18,458 | 25,497 | 11,987 | 0.42 | 0.42 |
| Consensus | 238,477 | 17,536 | 24,776 | 11,667 | 0.41 | 0.41 |
| Diff% | | | | | | |
| CGIS new vs. consensus | 0.2% | 5.3% | 2.9% | 2.7% | 1.6% | 2.3% |
| CGIS new vs. old | -0.3% | 3.3% | 2.4% | 4.2% | 4.2% | 4.2% |
| 2018E (Rmb m, Rmb) | Sales | EBIT | EBITDA | Net profit | EPS Adj | EPS GAAP |
| CGIS old | 257,119 | 19,081 | 26,286 | 12,372 | 0.43 | 0.43 |
| CGIS new | 257,802 | 20,545 | 27,750 | 13,453 | 0.47 | 0.47 |
| Consensus | 259,952 | 19,766 | 26,801 | 13,355 | 0.47 | 0.49 |
| Diff% | | | | | | |
| CGIS new vs. consensus | -0.8% | 3.9% | 3.5% | 0.7% | -0.5% | -3.3% |
| CGIS new vs. old | 0.3% | 7.7% | 5.6% | 8.7% | 8.7% | 8.7% |

Source: Bloomberg, CGIS Research

There might be further upside potential to our earnings forecast for the Company in 2018, depending on the progress of railway reform. Our earnings forecast factors in only MU procurement from the new line additions. As we highlighted in our previous sector report published on 7 July, the speed hike of the high-speed train services should have even higher demand growth potential for MUs from 2018 onwards. Our base-case scenario assumes MU sales volume growth of 12.0% YoY in 2018 for CRRC. Our sensitivity analysis shows that every 5ppt increases in its MU business revenue growth will led to a 1.6% increase in our base-case earnings forecast for the Company in 2018. Our industry analysis (Fig 9) shows that only a 2% increase in existing high-speed train operation density could raise MU procurement volume growth in

Figure 3: Sensitivity analysis for CRRC's 2018E earnings to MU sales volume growth

| MU volume growth | 2018E net profit (Rmb m) | % Chg from | 2017E net profit (Rmb m) | YoY growth |
|---------------------|-----------------------------|------------|-----------------------------|------------|
| | 13,453 | Base case | 11,987 | from 2017E |
| 27.0% | 14,099 | 4.8% | | 17.6% |
| 22.0% | 13,884 | 3.2% | | 15.8% |
| 17.0% | 13,668 | 1.6% | | 14.0% |
| 12.0% | 13,453 | 0.0% | | 12.2% |
| 7.0% | 13,238 | -1.6% | | 10.4% |
| 2.0% | 13,023 | -3.2% | | 8.6% |
| -3.0% | 12,808 | -4.8% | | 6.8% |

Source: CGIS Research



Re-rating to be driven by improving growth momentum

CRRC's share price has remained on a de-rating trend since 2H15. The low visibility of its earnings growth recovery has kept investors away from the Company. The share price started to recover in October on the back of market expectations of its earnings growth recovery starting in Q3. We upgrade our rating for CRRC from **SELL to BUY** on the Company's improving earnings growth momentum. Its share price should react positively to the stronger-than-expected Q3 earnings growth recovery. Moreover, accelerating railway reform starting in August should help sustain its core business growth in next 2-3 years.

We lift our TP from HK\$5.75 to HK\$9.20. Our TP is based on a target forward PER multiple of 17x, in line with its historical average trading forward PER. Currently, the stock trades at 15.4x 2017E and 13.7x 2018E PER. We apply a higher target PER multiple due to improving earnings growth visibility from accelerating railway reform and margin expansion potential from further business restructuring. The larger A/H discount also suggests potential southbound fund inflow will chase CRRC-H shares in the near term. Currently, CRRC-H shares trade at a c40% discount to it's A-shares, while the historical A/H discount is 15.3%.

Figure 4: CRRC H-share 12-mth forward PER



Source: Company data, Bloomberg, CGIS Research



Figure 6: CRRC A/H premium (discount) band



Source: Bloomberg, CGIS Research

Source: Bloomberg, CGIS Research



MU business growth recovery expected from 2018

CRC's MU procurement has remained on a downward trend in 2016 and 2017 for two reasons: 1) the CRC faces funding constraints to support its investments in both construction and equipment purchases; and 2) the new line additions in 2016 and 2017 were on a downward trend, led by a reduced number of railway project starts in 2012 and 2013 after the tragic train accident. CRC even broke its normal pattern for MU procurement in 2016, delaying its MU tenders until December. It made tenders for only 131 MUs in December 2016. YTD it has sent out tenders for another 150 MUs, compared to MU tenders of over 460 units p.a. in 2014 and 2015.

Figure 7: New high-speed rail line additions in 2011-2017E (km)





Figure 8: CRC MU tenders in 2013-2017 CTYD (units)



Source: CRC, CGIS Research estimates

We expect increases in new line addition from 2018 onwards to support demand growth recovery for the MU segment. But the magnitude of railway equipment demand growth in the 13th FYP will also rely on railway business reform. We expect the fast development of the railway network to force CRC to focus more on business operations and reform, which will improve rail profitability to resolve railway funding issues. Railway reform should benefit the railway equipment sector in two ways: 1) resolving funding issues to support further expansion of the railway network, and 2) shifting CRC's focus to increasing high-speed train operation density and expanding its freight business, which will create demand growth upside for MUs and locomotives.

Our calculation in Fig 9 shows demand growth will come from both the new line additions and increases in high-speed train operation density. Without the increases in operation density of the existing high-speed train services, MU demand growth in 2018 is expected to reach only 7.7% YoY. But if we assume an additional 2% increase in existing high-speed train operation density, MU demand growth in 2018 could reach 28.0% YoY. As the majority of the high-speed railways are running below their designed speed, there should be plenty room for MU demand growth, as long as CRC decides to raise the operation density of most of its existing high-speed train services.



Figure 9: MU demand forecast for 2018 (two scenarios for 2018E)

| | 2016 | 2017E | 2018E | 2018E |
|---|----------|----------------|--------|--------|
| High speed railway (km) | 22,000 | 23,700 | 26,500 | 26,500 |
| Increment (km) | 2,694 | 1,700 | 2,800 | 2,800 |
| MU installment (set) | 2,586 | 2,869 | 3,174 | 3,232 |
| Increment (set) | 380 | 283 | 305 | 362 |
| Accuming evicting line density increase | h 10 0 1 | 4.0% | 0.0% | 2.0% |
| Assuming existing line density increase Existing density | year | 4.0% 0.1222 | 0.0% | 0.1235 |
| Increment density | | 0.1058 | 0.1090 | 0.1090 |
| Year-end density (unit/km) | 0.1175 | 0.1211 | 0.1198 | 0.1220 |
| Density increase % YoY | 20.5% | 3.0% | 1.9% | 3.7% |
| MU procurement on existing HSR lines | | 129 | 0 | 72 |
| MU procurement on new HSR lines | | 225 | 381 | 381 |
| Total annual addition (set) | 475 | 354 | 381 | 453 |
| % increase | | -25.5% | 7.7% | 28.0% |

Source: CRC, CGIS Research



Strong urban transit business growth to continue in 2018

CRRC's urban transit vehicle business revenue growth in 9M17 was above market expectations. The business segment revenue grew 37.6% YoY in 9M17, further accelerating from revenue growth of 35.3% YoY in 1H17. The Company's order backlog for its urban transit vehicles stood at RMB120bn as at the end of 9M17, rising 12.4% YoY, and equivalent to 3.2x our forecast for its urban transit vehicle segment revenue in 2017.

Local governments are promoting the development of urban transit networks, which serve the purpose of 1) reducing air pollution and traffic congestion, and 2) boosting property values, with new lines connecting previously remote areas with city centers. Industry association data suggests total mileage of urban transit networks will reach 7,500km by 2020, suggesting new line addition of more than 700km per annum in the 13th FYP, compared with average new line addition of 400km in the 12th FYP. Overall, we expect new line addition for urban transit networks to grow 81.8% in the 13th FYP, compared with new line addition in the 12th FYP.

Figure 10: CRRC urban transit vehicle business revenue projection

2016

2017E

% YoY chg (rhs)

40.0%

35.0%

30.0%

25.0%

20.0%

15.0%

10.0%

5.0%

0.0%

2018E







2015

Revenue(Rmb m)

50,000

40,000

30,000

20.000

10,000

0

2014

Source: China Association of Metros, CGIS Research



Cost synergy kicked in to improve margins

With improving operating leverage and cost synergy after the merger, the Company reported gross profit margin expansion of 1.6ppt YoY in Q3. Even with changes in product mix, i.e. lower revenue contribution from its higher-margin MU business, the Company is expected to have gross profit margin expansion from 20.1% in 2016 to 21.0% in 2017 and 21.1% in 2018. We expect the margin expansion to come mainly from its freight wagon and urban transit vehicle business.

Cost synergies kicked in to improve CRRC's gross profit margins starting in 2016. The most noticeable gross profit margin expansion was from its urban transit vehicle business segment. The merger reduced investment redundancies and resulted in less competition between its various urban transit vehicle subsidiaries, which originated from the former CSR and CNR. This drove gross profit margin expansion of 2ppt YoY of its urban transit vehicle business segment in 9M17. In addition, the Company started the business restructuring of its freight wagon business. Given the oversupply situation in the freight wagon industry, CRRC developed a plan to reduce capacity and streamline the business. Freight wagon business restructuring should further help improve its profitability.







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