

# 行业周报

# 前三季度我国 GDP 同比+4.8%; 持续关注 顺周期、地产基建方向

# Yuewei Zhao yw.zhao@htisec.com

Jingbo Zhao jb.zhao@htisec.com

Kunyang Wang ky.wang@htisec.com

# 投资要点:

- 板块表现: 从各行业横向比较来看, 2024 年第 42 周 (2024 年 10 月 14 日至 2024 年 10 月 18 日), 机械设备行业相对沪综指周累计超额收益为正, 在所有行业中排名第五, 周累计超额收益为+2.74pct。2024 年至今机械设备行业年累计超额收益为-11.80pct。
- 宏观数据: 前三季度 GDP 同比增长 4.8%; CPI 同比上涨 0.3pct, PPI 同比下降 2.0%。1) GDP: 根据国家统计局官网, 2024 年前三季度, 国内生产总值 949746 亿元, 同比增长 4.8%。三季度环比增长 0.9%。2) CPI&PPI: 前三季度 CPI 同比上涨 0.3pct, 涨幅比上半年扩大 0.2pct。PPI 同比下降 2.0%, 降幅比上半年收窄 0.1pct。
- 工业及固定资产投资数据:工业生产平稳增长,前三季度全国规上企业工业增加值同比增加 5.8%,固定资产投资规模继续扩大,同比增加 3.4%。根据国家统计局官网,前三季度,全国规模以上工业增加值同比增长 5.8%,采矿业增加值同比增长 2.9%,制造业增长 6.0%,电力、热力、燃气及水生产和供应业增长 6.3%。装备制造业增加值同比增长 7.5%,高技术制造业增加值增长 9.1%,增速分别快于全部规模以上工业 1.7 和 3.3 个百分点。9 月份,规模以上工业增加值同比增长 5.4%,比上月加快 0.9 个百分点,环比增长 0.59%。前三季度,全国固定资产投资(不含农户)378978 亿元,同比增长 3.4%,制造业投资增长 9.2%。高技术产业投资同比增长 10.0%,其中高技术制造业增长 9.4%。高技术制造业中,航空、航天器及设备制造业,电子及通信设备制造业投资分别增长 34.1%、10.3%。
- 工业气体: 宝丰能源内蒙古煤制烯烃示范项目杭氧 11 万等级空分成功出氧; 工业气价格多有上涨。1)杭氧股份:根据杭氧集团微信公众号,10 月 9 日,由杭氧配套的目前全球单厂规模最大的烯烃厂、规模化用绿氢替代化石能源生产烯烃项目的 6 套 11 万等级首套空分设备成功出氧。该项目是目前国内一次性建设规模最大等级的空分岛,创新采用了绿氢与现代煤化工融合协同生产工艺,总产能 300 万吨/年。2)气体价格:根据卓创资讯工业气体官方微信公众号,截至本周四(10 月 17 日,全国价格):①液氧:均价 390 元/吨,环比涨 4.56%,同比降 11.76%;②液氮:均价 440 元/吨,环比上涨 3%,同比跌 13.9%;③液氩:均价 661 元/吨,环比上升 5.42%,同比降 42.36%;④管束氦气:长协客户拿货周均价 95.86 元/立方米,环比跌 3.17%,同比跌 42.77%;⑤高纯氦气:批量 40L 瓶装均价 658.93 元/瓶,环比持平,同比跌 40.84%;⑥氙气:均价 29500元/立方米,环比跌 2.82%,同比跌 51.47%;⑦氦气:均价 350 元/立方米,环比持平,同比跌 46.15%;⑧氖气:均价 125 元/立方米,环比持平,同比跌 43.55%。

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- 油服装备: 杰瑞环保发布全球首个退役风光设备资源化循环利用解决方案。根据杰瑞股份微信公众号,在 10 月 16 日举行的北京国际风能大会暨展览会上,杰瑞环保风光产品线总经理张敏以"退役风光设备资源化循环利用解决方案"为主题进行了新产品发布,展示了公司在风电叶片和光伏组件资源化循环利用方面的先进技术。杰瑞环保自主研发的循环利用装备包括智能切割和热相分离设备,有效解决了人工切割效率低、环境污染严重、运输成本高昂等问题,实现了环氧树脂与玻璃纤维高品质的双重回收利用。在光伏组件回收方面,杰瑞环保通过精准分离技术,实现了玻璃、铜带、回收油、含银硅片的全组分回收。此外,杰瑞环保还开创了投资运营、技术研发、设备销售等多种合作模式,实现了风光设备资源化循环利用的闭环体系。
- 叉车: 9月叉车行业销量同比+6.06%, 其中国内同比-5.32%, 出口同比+28.5%。 根据中国工程机械工业协会微信公众号, 2024年9月当月销售各类叉车106002台, 同比增长6.06%。其中国内销量62755台, 同比下降5.32%; 出口量43247台, 同比增长28.5%。
- 枕交装备:中国中车"风光氢储"一体化解决方案亮相北京国际风能大会;中车时代半导体中低压功率器件产业化(宜兴)建设项目竣工投产仪式圆满举行。1)中国中车:根据中国中车微信公众号,10月16-18日北京国际风能大会暨展览会上,中国中车携"风电机组解决方案、风电部件产业链供应解决方案、风光氢储一体化解决方案"三大解决方案参展。此次展出的20.XMW漂浮式海上风电机组平台,是针对深远海开发的全球最大功率海上漂浮式风电机组,功率等级达到20MW,机组叶轮直径超过260米,扫风面积达53000平方米。2)中车时代半导体:根据中车时代电气微信公众号,2024年10月17日,中车时代半导体举办中低压功率器件产业化(宜兴)建设项目竣工投产活动,该项目具备年产36万片8英寸中低压组件基材的生产能力,达产后将形成年产500万只中低压IGBT模块封装产能,可满足300万台新能源汽车需求。
- 船舶: 我国拥有海运船队总规模已达 4.3 亿载重吨;中国船舶集团七〇四所极区月池收放系统通过试验验收。1)根据中国交通报微信公众号援引新华社 10月 17日报道,截至今年9月份,我国拥有海运船队总规模已达 4.3 亿载重吨,占世界船队比重 18.7%,稳居世界前列。2)根据中国船舶微信公众号,近日,由中国船舶集团七〇四所自主研发设计制造的国产首套极区月池收放系统圆满完成陆上试验,顺利通过中国船级社 (CCS)检验。该系统将装备于正在中国船舶集团旗下广船国际建造的我国首艘极区载人深潜支持母船"探索三号"。

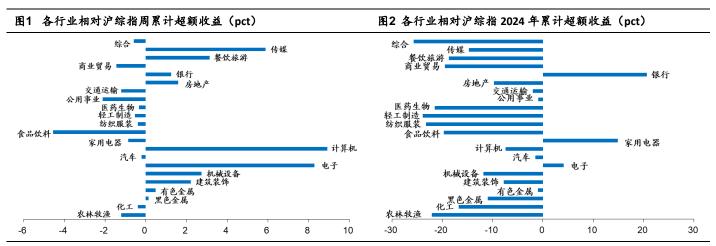


- 工程机械: 庞源租赁指数周线 383; 2024 年 9 月工程机械主要产品月平均工作时长为 95.3 小时,环比增长; 2024 年 1—9 月,基础设施投资完成额同比增长 9.26%; 房地产开发投资完成额为 7.87 万亿元,同比下降 10.10%。1) 周度指数:根据庞源租赁公众号,10 月第 1 周庞源租赁指数周线为 383; 其 5 周线、半年线、年线分别为 424、427、452。2) 月度数据:根据中国工程机械工业协会公众号,2024 年 9 月当月销售各类平地机 520 台,与去年同期持平。销售各类汽车起重机 1281 台,同比下降 22.4%。销售各类履带起重机 214 台,同比下降 18%。销售各类随车起重机 1747 台,同比下降 0.96%。销售各类塔式起重机 570 台,同比下降 56.6%。3) 月度数据: 2024 年 9 月小松中国挖掘机开工小时数为 95.3小时,同比上涨 6.9%。4) 月度数据:根据国家统计局数据,2024 年 1-9 月,基础设施投资完成额同比增长 9.26%;房地产开发投资完成额为 7.87 万亿元,同比下降 10.10%。
- 锂电设备: LG 新能源获福特两份动力电池大单; 邦宇新能源 30 亿元电池项目开工。1)根据 LG 新能源官网,10 月 15 日,LG 新能源宣布与福特汽车公司签订两份电池供应合同,为福特在欧洲供应大型商用车电池。根据合同,预计从2026 年开始,LG Energy Solution 将为福特的电动商用货车供应总计 109 GWh 的电池,合同期限为 4 至 6 年。此外,两家公司还商定,2025 年将在 LG 新能源密歇根工厂生产动力电池,配套福特野马 Mach-E。该车型电池目前在 LG 新能源波兰工厂生产。2)根据高工锂电微信公众号,邦宇新能源储能电池产业园项目在河南商丘虞城县举行开工仪式。邦宇新能源储能电池产业园项目由湖北邦宇新能源科技有限公司投资建设。项目总投资 30 亿元,采取分期实施的方式,建设10GWh 新能源储能电池产业园。其中:一期用地 150 亩,投资 10 亿元,建设 2GWh新能源储能电池电芯生产线及 PACK 一体化生产线,主要生产叠片工艺高容量大铝壳、小动力锂离子电芯及储能 PACK;二期用地 90 亩,投资 10 亿元,新建 3GWh的纳离子电池及 PACK 生产线。
- 光伏设备:本周,硅料、硅片、电池片价格环比持平,组件价格环比下降。根据 Infolink Consulting 微信公众号的数据,本周光伏价格:多晶硅致密料成交价为 40.0元/公斤,环比持平,单晶硅片 182成交价为 1.250元/片,环比持平,单晶硅片 210成交价为 1.700元/片,环比持平;单晶 PERC 182电池片成交价为 0.280元/W,环比持平,单晶 PERC 210 电池片成交价为 0.285元/W,环比持平; TOPCon182电池片成交价为 0.270元/W,环比持平; 182单晶 PERC 组件均价为 0.680元/W,环比下降 2.9%, 210单晶 PERC 组件均价为 0.690元/W,环比下降 2.8%。
- 出口链:本周人民币兑美元汇率小幅贬值。1)本周五美元兑人民币即期汇率为7.10,环比上周五上升0.51%,欧元兑人民币汇率为7.70,环比上周五下降0.47%。2)本周中国出口集装箱运价指数(CCFI)中,综合指数为1405.22,同比上升71.96%,环比下降4.86%;欧洲航线为1992.69,同比上升112.10%,环比下降7.56%;美东航线为1184.11,同比上升39.97%,环比下降3.96%;美西航线为1213.64,同比上升71.27%,环比下降3.01%;东南亚航线为925.99,同比上升51.54%,环比下降2.41%。
- 本周建议关注标的:中国中车、杭氧股份、杰瑞股份、宏华数科、华锐精密、 奥特维、柏楚电子、双环传动、豪迈科技、恒立液压、三一重工、徐工机械、 银都股份、华测检测、巨星科技、中集集团。
- 风险提示:固定资产投资放缓、信贷政策收紧、潜在的贸易保护主义等。



# 机械行业二级市场表现

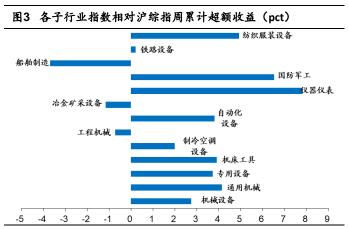
从各行业横向比较来看,2024年第42周(2024年10月14日至2024年10月18日),机械设备行业相对沪综指周累计超额收益为正,在所有行业中排名第五,周累计超额收益为+2.74pct。2024年至今机械设备行业年累计超额收益为-11.80pct。



资料来源: Wind、HTI

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从机械内部子板块来看,2024年第42周(2024年10月14日至2024年10月18日),机械内部除船舶制造、冶金矿采设备、工程机械外均为正值。从2024年累计超额收益看,机械内部的铁路设备、船舶制造、工程机械跑赢大盘。



资料来源: Wind、HTI

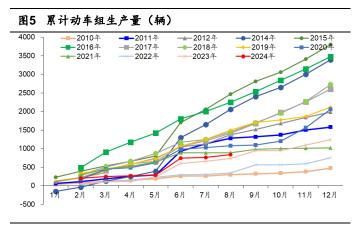


资料来源: Wind、HTI

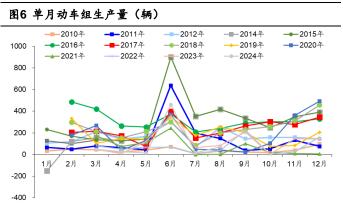


# 1. 细分子行业数据汇总

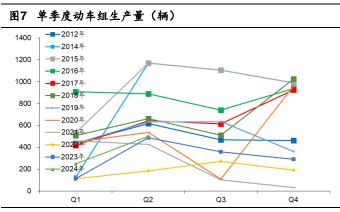
#### 1) 轨道交通设备



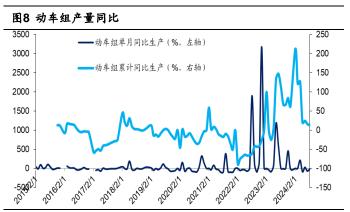
资料来源: Wind、国家统计局、HTI



资料来源: Wind、国家统计局、HTI

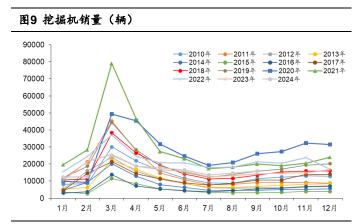


资料来源: Wind、国家统计局、HTI

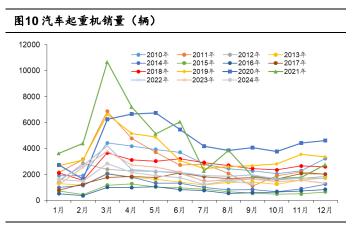


资料来源: Wind、国家统计局、HTI

#### 2) 工程机械



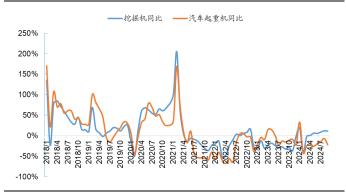
资料来源: Wind、中国工程机械工业协会、HTI



资料来源: Wind、中国工程机械工业协会、HTI

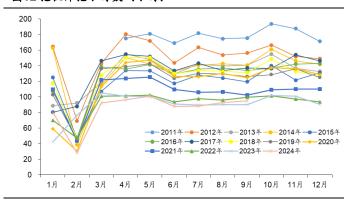


#### 图11 挖掘机、汽车起重机月销量同比



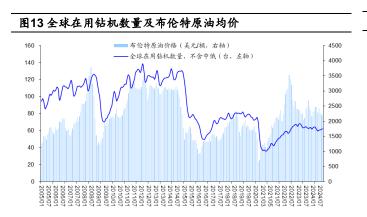
资料来源 Wind、中国工程机械工业协会、HTI

#### 图12 挖机开挖小时数(小时)



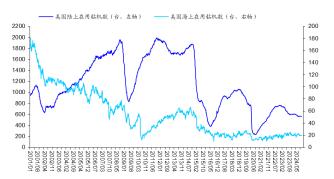
资料来源: Wind、小松官网、HTI

#### 3)油服装备



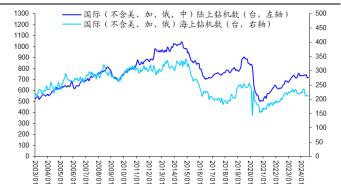
资料来源: BakerHughes、Wind、HTI

# 图14美国海上及陆上在用钻机数量



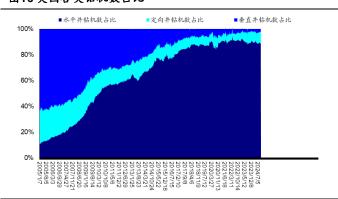
资料来源: BakerHughes、HTI

#### 图15 国际海上及陆上在用钻机量



资料来源: BakerHughes、HTI

#### 图16美国各类钻机数占比



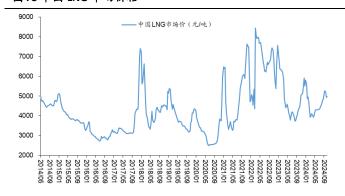
资料来源: BakerHughes、HTI

#### 图17 美国原油和天然气钻机数



#### 资料来源: Wind、HTI

#### 图18 中国 LNG 市场价格



资料来源: Wind、HTI

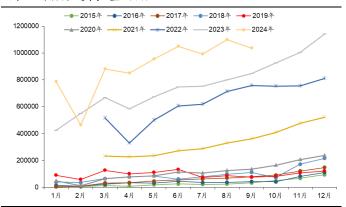
# 图19 中国天然气管道气价格



资料来源: Wind、HTI

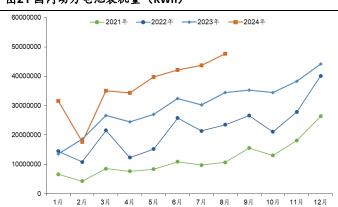
# 4) 锂电设备

#### 图20 新能源汽车产量 (辆)



资料来源: Wind、高工锂电、HTI

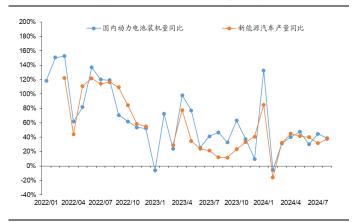
#### 图21 国内动力电池装机量 (KWh)



资料来源:高工锂电、HTI

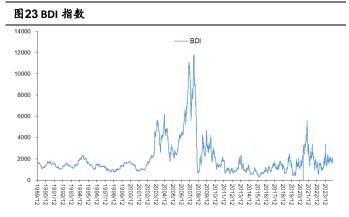


# 图22 新能源汽车产量和动力电池装机量单月同比



资料来源: Wind、高工锂电、HTI

# 5) 集装箱



资料来源: Wind、HTI



资料来源: Wind、HTI



资料来源: Wind、HTI

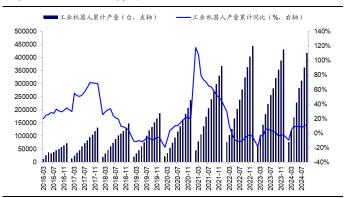


# 6) 工业机器人

#### 图26 工业机器人单月产量 工业机器人当月产量(台,左轴) -工业机器人当月同比(%, 右轴) 60000 120% 100% 50000 80% 40000 60% 40% 30000 20% 20000 2020-07 2020-11 2021-03 2021-07 2021-11 2022-03 2022-11 2022-11 2023-07 2023-03 2023-03 2023-04 2023-04 2023-07 2019-11

资料来源: Wind、国家统计局、HTI

#### 图27 工业机器人累计产量



资料来源: Wind、国家统计局、HTI

# 7) 出口链

# 图28 即期汇率:美元



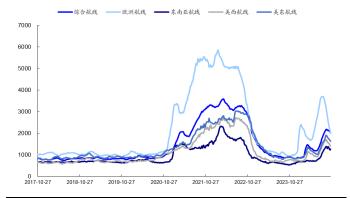
资料来源: Wind、HTI

#### 图29 即期汇率: 欧元



资料来源: Wind、HTI

# 图30 中国出口集装箱运价指数 (CCFI)



资料来源: Wind、HTI

#### 图31 美国制造业消费品存货量



资料来源: Wind、HTI



# 2. 风险提示

固定资产投资放缓、信贷政策收紧、潜在的贸易保护主义。



#### **APPENDIX 1**

Summary

#### Investment Highlights:

Sector Performance: In the 42nd week of 2024 (October 14 to October 18), the machinery sector outperformed the Shanghai Composite Index, ranking fifth with a weekly excess return of +2.74 percentage points. Year-to-date, the sector's cumulative excess return is -11.80 percentage points.

Macroeconomic Data: GDP grew by 4.8% YoY in the first three quarters; CPI rose by 0.3 percentage points YoY, while PPI fell by 2.0% YoY. 1) GDP: According to the National Bureau of Statistics website, GDP was RMB 94.97 trillion, up 4.8% YoY. Q3 saw a 0.9% quarter-on-quarter growth. 2) CPI & PPI: CPI increased by 0.3 percentage points YoY, with a 0.2 percentage point rise from H1. PPI decreased by 2.0% YoY, narrowing by 0.1 percentage points from H1.

Industrial and Fixed Asset Investment Data: Industrial production grew steadily, with a 5.8% YoY increase in industrial added value for large enterprises. Fixed asset investment rose by 3.4% YoY. According to the National Bureau of Statistics website, industrial added value grew by 5.8% YoY, mining by 2.9%, manufacturing by 6.0%, and utilities by 6.3%. Equipment manufacturing increased by 7.5% YoY, and high-tech manufacturing by 9.1%, outpacing overall industrial growth by 1.7 and 3.3 percentage points, respectively. In September, industrial added value grew by 5.4% YoY, accelerating by 0.9 percentage points from the previous month, with a 0.59% month-on-month increase. Fixed asset investment (excluding rural households) was RMB 37.90 trillion, up 3.4% YoY, with manufacturing investment up 9.2%. High-tech industry investment grew by 10.0% YoY, with high-tech manufacturing up 9.4%. Within high-tech manufacturing, aerospace and equipment manufacturing, and electronics and communication equipment manufacturing investments grew by 34.1% and 10.3%, respectively.

Industrial Gases: Ningxia Baofeng Energy's Inner Mongolia coal-to-olefins project successfully produced oxygen with Hangzhou Oxygen Plant Group's 110,000-grade air separation unit; industrial gas prices mostly rose. 1) Hangzhou Oxygen Plant Group: According to their official WeChat account, on October 9, the world's largest single olefin plant, using green hydrogen to replace fossil energy, successfully produced oxygen with six 110,000-grade air separation units. This project is the largest single construction scale air separation island in China, innovatively integrating green hydrogen with modern coal chemical processes, with a total capacity of 3 million tons per year. 2) Gas Prices: According to SCI99.COM's official WeChat account, as of Thursday (October 17, national prices): ① Liquid oxygen: average price RMB 390/ton, up 4.56% MoM, down 11.76% YoY; ② Liquid nitrogen: average price RMB 440/ton, up 3% MoM, down 13.9% YoY; ③ Liquid argon: average price RMB 661/ton, up 5.42% MoM, down 42.36% YoY; ④ Tube bundle helium: long-term contract average price RMB 95.86/cubic meter, down 3.17% MoM, down 42.77% YoY; ⑤ High-purity helium: bulk 40L bottled average price RMB 658.93/bottle, unchanged MoM, down 40.84% YoY; ⑥ Xenon: average price RMB 29,500/cubic meter, down 2.82% MoM, down 51.47% YoY; ⑦ Krypton: average price RMB 350/cubic meter, unchanged MoM, down 43.55% YoY.

This Week's Suggested Targets: CRRC Corporation, Hangzhou Oxygen Plant Group, Yantai Jereh Oilfield, Hangzhou Honghua Digital Technology Stock, Zhuzhou Huarui Precision Cutting Tools, Wuxi Autowell Technology, Shanghai Friendess Electronic Technology Corporation, Zhejiang Shuanghuan Driveline, Himile Mechanical Science and Technology (Shandong), Jiangsu Hengli Hydraulic, Sany Heavy Industry, XCMG Construction Machinery, Yindu Kitchen Equipment, Centre Testing International Group, Hangzhou GreatStar Industrial, China International Marine Containers (Group).

Risk Warning: Slowdown in fixed asset investment, tightening credit policies, potential trade protectionism.

#### 附录 APPENDIX

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中性,未来 12-18 个月内预期相对基准指数变化不大,基准定义如下。根据FINRA/NYSE 的评级分布规则,我们会将中性评级划入持有这一类别。

**弱于大市**,未来 12-18 个月内预期相对基准指数跌幅在 10%以上,基准定义如 下

各地股票基准指数: 日本 – TOPIX, 韩国 – KOSPI, 台湾 – TAIEX, 印度 – Nifty100, 美国 – SP500; 其他所有中国概念股 – MSCI China.

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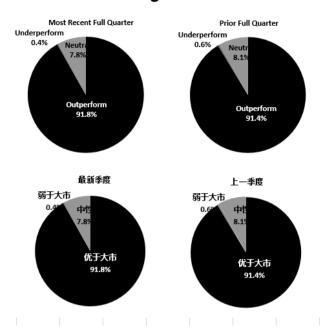
**Outperform:** The stock's total return over the next 12-18 months is expected to exceed the return of its relevant broad market benchmark, as indicated below.

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# **Ratings Distribution**



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<sup>\*</sup>在每个评级类别里投资银行客户所占的百分比。

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买入, 未来 12-18 个月内预期相对基准指数涨幅在 10%以上, 基准定义如下

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卖出,未来12-18个月内预期相对基准指数跌幅在10%以上,基准定义如下

各地股票基准指数:日本-TOPIX,韩国-KOSPI,台湾-TAIEX,印度-Nifty100;其他所有中国概念股-MSCI China.

Haitong International Equity Research Ratings Distribution, as of September 30, 2024

Outperform Neutral Underperform (hold)



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IB clients*	3.5%	4.4%	0.0%

<sup>\*</sup>Percentage of investment banking clients in each rating category.

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SEBI 研究分析师注册号: INH000002590

地址: 1203A, Floor 12A, Tower 2A, One World Center

841 Senapati Bapat Marg, Elphinstone Road, Mumbai 400 013, India

CIN U74140MH2011FTC224070

电话: +91 22 43156800 传真:+91 22 24216327

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Name of the entity: Haitong Securities India Private Limited

SEBI Research Analyst Registration Number: INH000002590

Address: 1203A, Floor 12A, Tower 2A, One World Center

841 Senapati Bapat Marg, Elphinstone Road, Mumbai 400 013, India

CIN U74140MH2011FTC224070

Ph: +91 22 43156800 Fax:+91 22 24216327

Details of the Compliance Officer and Grievance Officer: Prasanna Chandwaskar: Ph: +91 22 43156803; Email id: prasanna.chandwaskar@htisec.com

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