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CME 预估 10 月挖掘机销量约为同比+10%: 丰田联手波士顿动力造人形机器人

投资要点:

- 板块表现:从各行业横向比较来看,2024年第43周(2024年10月21日至2024年10月25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十一,周累计超额收益为+2.29pct。2024年至今机械设备行业年累计超额收益为-9.69pct。
- 机床工具: 日本对华机床订单同比+40.1%, 连续六个月保持增长。根据中日制造业设备工具大全微信公众号援引日本工作机械工业会数据, 9 月日本订单金额为1253.6 亿日元,同比减少6.4%,连续两个月呈现下降趋势;环比增长13.2%,为三个月来首次回升。从地区来看,中国的订单额同比大幅增长40.1%,达到274.18 亿日元,连续六个月保持增长;美国的订单同比减少23.5%,降至221.58亿日元,连续两个月下滑;欧洲同比下滑34.7%,降至135.03亿日元,连续九个月呈现负增长。展望未来,日本工作机械工业会预测中国市场将在汽车相关领域继续进行面向全球市场的积极投资。稻叶会长表示:"模具等各类产业机械以及通信设备相关领域的企业,预期将继续进行大规模投资,且补贴政策的效果也将持续。"
- 工业气体: 杭氧集团首台液氢贮槽成功发运; 液态气周均价环比持续提升。1) 杭氧股份:根据杭氧集团官方微信公众号,10月16日,杭氧自行研制的100m3 卧式液氢高真空绝热贮槽成功发运,取得了液氢储运装备的关键性突破。杭氧严格按照国内液氢压力容器专项技术要求最新T/CATSI05006-2021标准研制,以高精度制造的工艺、超低蒸发率和极高的可靠性满足高端装备的需求,产品性能达到国际先进水平。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24日,全国价格):①液氧:均价398元/吨,环比涨2.05%,同比降6.57%;②液氮:均价451元/吨,环比涨2.4%,同比降9.9%;③液氩:均价688元/吨,环比涨4.08%,同比降42.06%;④管束氦气:长协客户拿货周均价95.5元/立方米,环比降0.38%,同比降42.99%;⑤高纯氦气:批量40L装周均价658.93元/瓶,环比持平,同比降40.67%;⑥氙气:均价29500元/立方米,环比持平,同比降49.51%;⑦氦气:均价350元/立方米,环比持平,同比降45.56%;⑧氖气:均价125元/立方米,环比持平,同比降37.5%。
- **轨交装备:时代电气中低压功率器件产业化(宜兴)建设项目竣工。**根据中车时代电气微信公众号,2024年10月17日,中车时代半导体举行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,主要面向新能源汽车市场,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。
- **叉车: 杭叉集团发布三季报, Q1-Q3 归母净利润同比增长 21.20%。**根据杭叉集团微信公众号,公司前三季度实现营业总收入 127.33 亿元,同比增长 1.55%,归母净利润 15.73 亿元,同比增长 21.20%。公司海外市场布局加速推动全球化进程,拟在马来西亚开设销售与租赁服务点,拟在泰国新设立制造基地,泰国工厂将专注于平衡重叉车及高空作业平台的生产,并计划扩展至锂电池组装及销售业务,预计年产能可达万台。



- 机器人: 丰田联手波士顿动力造人形机器人; 众攀机器人全新通用人形机器人 SE01 发布。1) 根据高工人形机器人微信公众号, 波士顿动力宣布与丰田研究所 达成合作, 携手加速开发通用人形机器人: 将丰田研究所在大型行为模型 (Large Behavior Model) 的成果, 引入新款电驱版 Atlas 机器人的研发中, 共同打造高度智能化的人形机器人。2) 根据众擎机器人微信公众号, 10 月 24 日, 众擎机器人正式发布了旗舰人形机器人产品 SE01, 并对 SE01 的主定位为工业机器人, 这台通用智能体身高高达 170cm, 体重约为 55kg, 整机共 32 个自由度, 其关节最大扭矩 330N·m, 常态行走速度达 2m/s, 可实现上下蹲、俯卧撑、转圈走、抓取、跑跳等人类动作。
- 工程机械: 庞源租赁指数周线 462; 2024 年前三个季度我国工程机械进出口贸易额同比增长。CME 预估 2024 年 10 月挖掘机销量为 1.60 万台,同比增长约 10%。其中,国内销量同比增长近 18%,出口销量同比增长近 3%。1)周度指数: 根据庞源租赁公众号,10 月第 3 周庞源租赁指数周线为 462; 其 5 周线、半年线、年线分别为 427、427、451。2)月度数据:据海关数据整理,2024 年 9 月我国工程机械进出口贸易额为 42.63 亿美元,同比增长 0.37%,其中:进口额 1.98 亿美元,同比增长 4.21%;出口额 40.65 亿美元,同比增长 0.19%。2024 年前三个季度我国工程机械进出口贸易额为 406.57 亿美元,同比增长 4.1%。其中:进口额 19.43 亿美元,同比增长 0.02%;出口额 387.14 亿美元,同比增长 4.31%。按照以人民币计价的出口额计算,9 月份出口额 289.71 亿元,同比下降 0.09%。前三个季度出口额 2752.74 亿元,同比增长 6.53%。3)月度数据:根据工程机械杂志公众号,CME 预估 2024 年 10 月挖掘机销量为 1.60 万台,同比增长约 10%。其中,国内销量 8000 台左右,同比增长近 18%,出口销量 8000 台,同比增长近 3%。
- 锂电设备: 国内首条全固态锂电池量产线正式投产; 纳科诺尔与四川新能源汽车创新中心达成固态设备合作。1) 根据纯锂新能源微信公众号, 近日, 纯锂新能源 50Ah 全固态电池产线正式投产,设计年产能约 0.2GWh, 可满足约 20 万辆两轮车充电需求,并在满产后每日能产出上千支固态锂电池。2) 根据纳科诺尔微信公众号,近日,纳科诺尔与四川新能源汽车创新中心有限公司就合作开发固态电池产业化关键设备与工艺等达成一致,签署了《科研战略合作框架协议》。根据协议内容,纳科诺尔将与创新中心建立联合实验室,根据市场需求,计划利用五年时间,开展固态电池生产设备的开发。
- 船舶: 2024 年前三季度我国造船三大指标实现同比增长。根据中国船舶工业行业协会数据,2024年1-9月,我国造船完工量3634万载重吨,同比增长18.2%;新接订单量8711万载重吨,同比增长51.9%;截至9月底,手持订单量19330万载重吨,同比增长44.3%。1-9月,我国造船三大指标以载重吨计分别占全球总量的55.1%、74.7%和61.4%。
- 光伏设备:本周,硅料、电池片、组件价格环比持平,硅片价格环比下降。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1.200元/片,环比下降4.0%,单晶硅片210成交价为1.700元/片,环比持平;单晶PERC182电池片成交价为0.280元/W,环比持平,单晶PERC210电池片成交价为0.285元/W,环比持平;TOPCon182电池片成交价为0.280元/W,环比持平;182单晶PERC组件均价为0.680元/W,环比持平,210单晶PERC组件均价为0.690元/W,环比持平。
- 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7.12,环比上周五上升0.26%,欧元兑人民币汇率为7.71,环比上周五上升0.13%。2)本周中国出口集装箱运价指数(CCFI)中,综合指数为1366.40,同比上升68.38%,环比下降2.76%;欧洲航线为1864.77,同比上升98.53%,环比下降6.42%;美东航线为1177.35,同比上升45.61%,环比下降0.57%;美西航线为1228.09,同比上升70.96%,环比上升1.19%;东南亚航线为934.54,同比上升59.29%,环比上升0.92%。

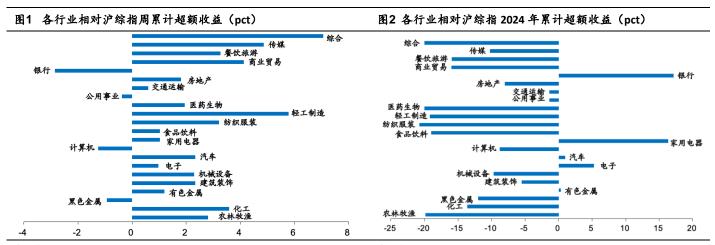


- 本周建议关注标的: 中国中车、杭氧股份、杰瑞股份、宏华数科、华锐精密、奥特维、柏楚电子、双环传动、豪迈科技、恒立液压、三一重工、徐工机械、银都股份、华测检测、巨星科技、中集集团。
- 风险提示:固定资产投资放缓、信贷政策收紧、潜在的贸易保护主义等。



机械行业二级市场表现

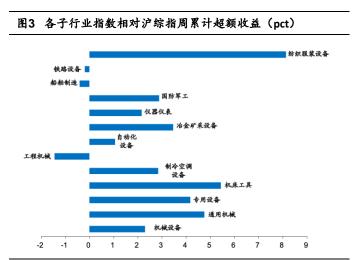
从各行业横向比较来看,2024年第43周(2024年10月21日至2024年10月25日),机械设备行业相对沪综指周累计超额收益为正,在所有行业中排名第十一,周累计超额收益为+2.29pct。2024年至今机械设备行业年累计超额收益为-9.69pct。



资料来源: Wind、HTI

资料来源: Wind、HTI

从机械内部子板块来看,2024年第43周(2024年10月21日至2024年10月25日),机械内部除铁路设备、船舶制造、工程机械外均为正值。从2024年累计超额收益看,机械内部的纺织服装设备、铁路设备、船舶制造、国防军工、工程机械跑赢大盘。



资料来源: Wind、HTI

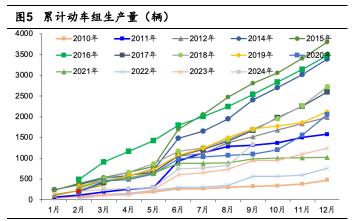


资料来源: Wind、HTI

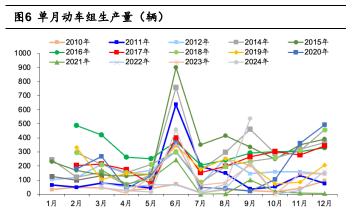


1. 细分子行业数据汇总

1) 轨道交通设备

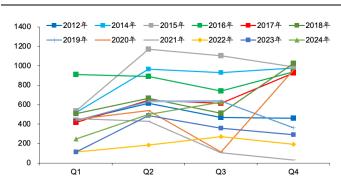


资料来源: Wind、国家统计局、HTI



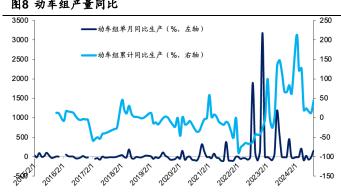
资料来源: Wind、国家统计局、HTI





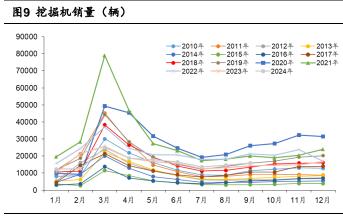
资料来源: Wind、国家统计局、HTI

图8 动车组产量同比



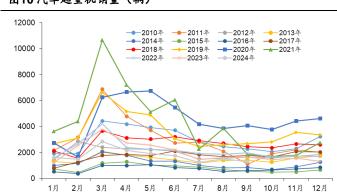
资料来源: Wind、国家统计局、HTI

2) 工程机械



资料来源: Wind、中国工程机械工业协会、HTI

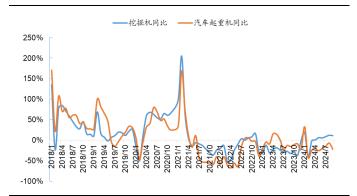
图10 汽车起重机销量 (辆)



资料来源: Wind、中国工程机械工业协会、HTI

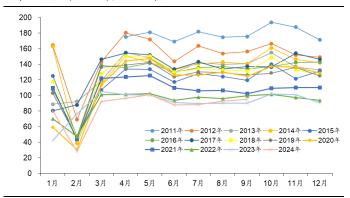


图11 挖掘机、汽车起重机月销量同比



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

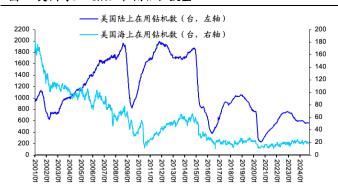
3)油服装备

图13 全球在用钻机数量及布伦特原油均价



资料来源: BakerHughes、Wind、HTI

图14 美国海上及陆上在用钻机数量



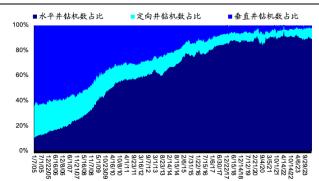
资料来源: BakerHughes、HTI

图15 国际海上及陆上在用钻机量



资料来源: BakerHughes、HTI

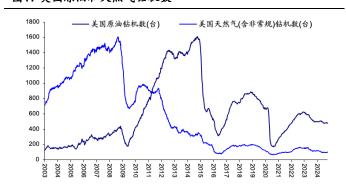
图16美国各类钻机数占比



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

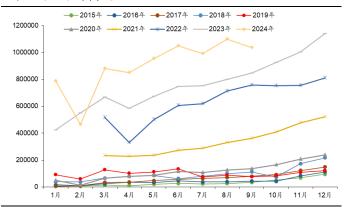
图19中国天然气管道气价格



资料来源: Wind、HTI

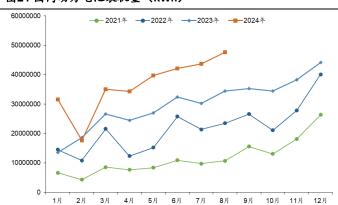
4) 锂电设备

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

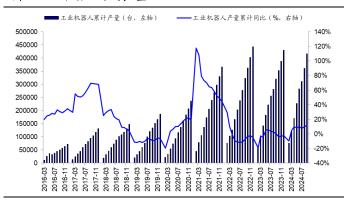


6) 工业机器人

图 26 工业机器人单月产量(台, 左轴) — 工业机器人当月户是(台, 左轴) — 工业机器人当月同比(%, 右轴) 60000 40000 40000 20000 10000 10000 10000 10000 10000 10000 100000 100000 100000 100000 100000 100000 10000

资料来源: Wind、国家统计局、HTI

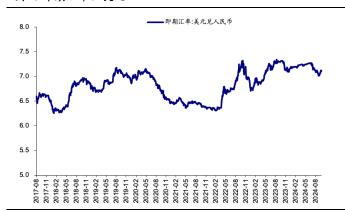
图27 工业机器人累计产量



资料来源: Wind、国家统计局、HTI

7) 出口链

图28 即期汇率:美元



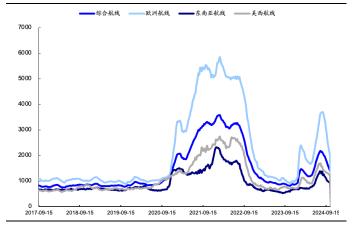
资料来源: Wind、HTI

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 43rd week of 2024, the machinery sector outperformed the Shanghai Composite Index, ranking 11th with a weekly excess return of +2.29%. Year-to-date, the sector's excess return is -9.69%.

Machine Tools: Japan's machine tool orders to China rose 40.1% YoY, marking six months of growth. In September, Japan's orders were 125.36 billion yen, down 6.4% YoY but up 13.2% MoM. Orders from China increased 40.1% YoY to 27.42 billion yen, while orders from the USA and Europe declined.

Industrial Gases: Hangzhou Oxygen Plant Group shipped its first liquid hydrogen tank. Liquid gas prices rose weekly. Liquid oxygen averaged RMB 398/ton, liquid nitrogen RMB 451/ton, and liquid argon RMB 688/ton.

Rail Transit Equipment: Zhuzhou CRRC Times Electric completed a project with an annual capacity of 360,000 8-inch components, targeting the NEV market.

Forklifts: Hangcha Group's Q1-Q3 net profit rose 21.20% YoY. The company plans to expand in Malaysia and Thailand, focusing on forklifts and lithium battery assembly.

Suggested targets this week: 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

重要信息披露

本研究报告由海通国际分销,海通国际是由海通国际研究有限公司(HTIRL),Haitong Securities India Private Limited (HSIPL),Haitong International Japan K.K. (HTIJKK)和海通国际证券有限公司(HTISCL)的证券研究团队所组成的全球品牌,海通国际证券集团(HTISG)各成员分别在其许可的司法管辖区内从事证券活动。

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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。

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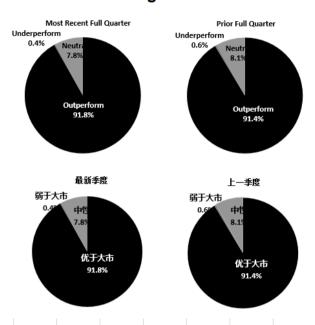
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评级分布 Rating Distribution

Ratings Distribution



截至 2024 年 9 月 30 日海通国际股票研究评级分布

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*在每个评级类别里投资银行客户所占的百分比。

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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。

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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.

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	Outperform	Neutral	Underperform
		(hold)	
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IB clients*	3.5%	4.4%	0.0%

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