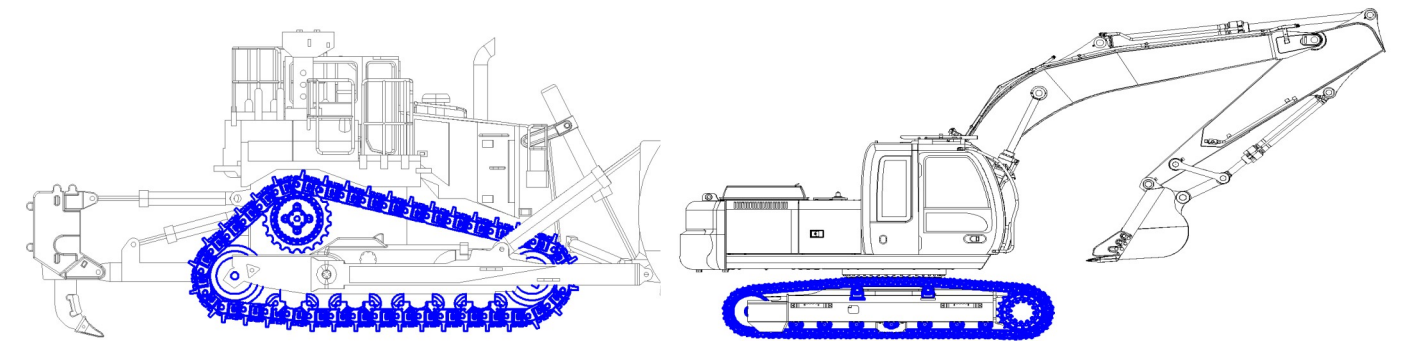




FCM[®]



FCM[®] 履带底盘件制造商
MANUFACTURER OF CRAWLER UNDERCARRIAGE PARTS

山东五创工程机械有限公司

SHANDONG FIVECREATION CONSTRUCTION MACHINERY CO., LTD.

SHANDONGFIVECREATION

山东五创工程机械有限公司

SHANDONG FIVECREATION CONSTRUCTION MACHINERY CO., LTD.

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邮箱: bussiness@fcm.net.cn

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ADD: THE NORTH END OF MEILISHAN ROAD, GAOXIN DISTRICT,
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E-MAIL: BUSSINESS@FCM.NET.CN

P.C.: 272000

为客户创造价值

CREATE VALUE FOR CUSTOMERS

COMPANY PROFILE

企业简介 >>>

注册地址：山东·济宁
成立时间：2008年
注册资本：2000万
厂房面积：30000平方米
月产能：5万件
员工总数：120人
技术人员：10人

ADD: JINING CITY, SHANDONG PROVINCE
ESTABLISHED DATE: 2008
REGISTERED CAPITAL: 20 MILLION YUAN
PLANT AREA: 30000 SQUARE METERS
MONTHLY CAPACITY: 50000PCS
HEADCOUNT: 120
TECHNICIAN: 10

山东五创工程机械有限公司
Shandong Fivecreation Construction Machinery Co., Ltd.

COMPANY PROFILE

ENTERPRISE CULTURE

企业文化 >>>

- 企业愿景：做到行业领先
- 企业使命：为客户创造价值
- 企业价值观：求真、务实、担当、改善、创新
- 质量方针：以顾客为中心,以质量争市场,以创新谋发展,以改进求进步。

- ENTERPRISE VISION: TO BE THE INDUSTRY LEADER
- ENTERPRISE MISSION: TO CREATE VALUE FOR CUSTOMERS
- ENTERPRISE VALUES: SEEKING TRUTH, PRAGMATIC, TO BEAR, IMPROVE, INNOVATION
- QUALITY POLICY: CUSTOMER-CENTRIC, COMPETING FOR THE MARKET WITH QUALITY, SEEK DEVELOPMENT WITH INNOVATION, AND SEEK PROGRESS WITH IMPROVEMENT

COOPERATIVE ENTERPRISE

合作企业 >>>

XCMG

TZ

LOVOL

斗山

KATO

Lonking

CEP

三一

WEICHAI

JIAHE

SDWM

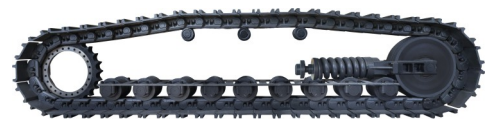
柳工

ENTERPRISE HONOR

企业荣誉 >>>



EXCAVATOR SERIES 挖掘机系列 >>>



5吨—200吨全系挖掘机、旋挖钻等适用于泥土、沙地矿山、沿海、油泥矿等恶劣环境。

THE 5-200 TONS EXCAVATORS, ROTARY DRILLS, ETC., SUITABLE FOR SOIL, SAND MINES, COASTAL, OIL SLUDGE MINES AND OTHER HARSH ENVIRONMENTS.

支重轮总成 TRACK ROLLER ASSY



性能特点 PERFORMANCE CHARACTERISTICS

支重轮的主要作用是支撑工程机械总机的重量,并将重量传递给地面,沿着履带的导轨或履带板面滚动,同时限制履带的横向滑脱,防止履带脱落。在机械转向时,支重轮迫使履带在地面上滑移,以实现转向。

THE MAIN FUNCTION OF THE TRACK ROLLER IS TO SUPPORT THE WHOLE WEIGHT OF THE CONSTRUCTION MACHINERY, AND TRANSFER THE WEIGHT TO THE GROUND, ROLL ALONG THE GUIDE RAIL OR TRACK SURFACE OF THE TRACK, AND AT THE SAME TIME LIMIT THE LATERAL SLIPPAGE OF THE TRACK TO PREVENT THE TRACK FROM FALLING OFF. DURING MECHANICAL STEERING, THE TRACK ROLLERS FORCE THE TRACK TO SLIDE ON THE GROUND TO ACHIEVE STEERING.

托轮总成 CARRIER ROLLER ASSY



性能特点 PERFORMANCE CHARACTERISTICS

托轮的作用是托住履带,防止履带下垂过大,以减少履带在运动过程中的震跳现象,并防止履带侧向滑落。

THE FUNCTION OF THE CARRIER ROLLER IS TO SUPPORT THE TRACK AND PREVENT THE TRACK FROM SAGGING TOO MUCH, SO AS TO REDUCE THE TRACK IN JUMPING PHENOMENON DURING MOVEMENT, PREVENTS THE TRACK FROM SLIDING SIDEWAYS.

引导轮总成 IDLER ASSY



性能特点 PERFORMANCE CHARACTERISTICS

引导轮的作用是引导履带正确绕转,防止履带跑偏或越轨。它确保设备在行驶过程中保持稳定,避免因履带偏离导致的机械故障。

THE FUNCTION OF THE IDLER IS TO GUIDE THE TRACK TO ROTATE CORRECTLY AND PREVENT THE TRACK FROM DEVIATING. IT ENSURES THAT THE EQUIPMENT REMAINS STABLE DURING DRIVING AND AVOIDS MECHANICAL FAILURES CAUSED BY TRACK DEVIATION.

驱动轮 SPROCKET

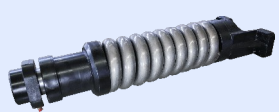


性能特点 PERFORMANCE CHARACTERISTICS

驱动轮的主要作用是将设备的发动机、电机或马达产生的驱动轮动力传递到履带,从而提供牵引力,使车辆前进、后退或转向。

THE FUNCTION OF THE SPROCKET IS TO TRANSMIT THE DRIVE WHEEL POWER GENERATED BY THE ENGINE, GENERATOR OR MOTOR OF THE EQUIPMENT TO THE TRACKS, THEREBY PROVIDING TRACTION TO MAKE THE VEHICLE FORWARD, BACKWARD OR STEERING.

涨紧装置总成 TENSIONING DEVICE



性能特点 PERFORMANCE CHARACTERISTICS

涨紧装置可使履带保持合适的张紧度并缓和行走时道路传来的冲击力,减小机身震动,松弛的履带会导致行走过程中产生震跳现象,过分松弛也会使履带脱轨。过紧的履带将增加履带销与销套以及引导轮、驱动轮的摩擦力,加快它们的磨损。

THE TENSIONING DEVICE CAN KEEP THE TRACK IN PROPER TENSION AND ALLEVIATE THE IMPACT FORCE FROM THE ROAD WHEN WALKING, REDUCE THE VIBRATION OF THE FUSELAGE, THE LOOSE TRACK WILL CAUSE THE VIBRATION PHENOMENON DURING WALKING, AND EXCESSIVE RELAXATION WILL ALSO DERAIL THE TRACK. OVERTIGHT TRACK WILL INCREASE THE FRICTION BETWEEN THE TRACK PIN AND BUSHING, AS WELL AS THE IDLER AND SPROCKET, AND ACCELERATE THEIR WEAR.

挖掘机履带 EXCAVATOR TRACK



性能特点 PERFORMANCE CHARACTERISTICS

挖掘机履带作为设备核心行走部件,具备低接地比压、强抓地力的优势,可轻松应对泥泞、山地、矿山等复杂工况;搭配多组支重轮实现高承载与稳传动,重型作业不打滑;采用高强度耐磨材质,抗冲击、寿命长,部分特殊款型更兼具减震降噪、地面友好特性,是多场景高效作业的可靠保障。

THE EXCAVATOR TRACK SHOE ASSY IS A CORE TRAVELING COMPONENT OF THE EQUIPMENT, FEATURING LOW GROUND PRESSURE AND STRONG GRIPPING FORCE, WHICH CAN EASILY HANDLE COMPLEX WORKING CONDITIONS SUCH AS MUD, MOUNTAINS AND MINES. EQUIPPED WITH MULTIPLE GROUPS OF TRACK ROLLERS, IT ACHIEVES HIGH LOAD CAPACITY AND STABLE POWER TRANSMISSION, ENSURING NO SLIPPING DURING HEAVY-DUTY OPERATIONS. MADE OF HIGH-STRENGTH WEAR-RESISTANT MATERIALS, IT BOASTS EXCELLENT IMPACT RESISTANCE AND LONG SERVICE LIFE. IN ADDITION, SOME SPECIAL MODELS ALSO HAVE THE CHARACTERISTICS OF SHOCK ABSORPTION, NOISE REDUCTION AND GROUND FRIENDLINESS, MAKING IT A RELIABLE GUARANTEE FOR EFFICIENT OPERATIONS IN MULTIPLE SCENARIOS.

BULLDOZER SERIES 推土机系列 >>>



135——317节距全系推土机适用于泥土、沙地矿山、沿海、油泥矿等恶劣环境。

THE 135-317 PITCH BULLDOZERS, SUITABLE FOR HARSH ENVIRONMENTS SUCH AS SOIL, SANDY MINES, COASTAL, AND OIL SLUDGE MINES.

双边支重轮总成 DOUBLE FLANGE TRACK ROLLER ASSY



性能特点 PERFORMANCE CHARACTERISTICS

支重轮的主要作用是支撑工程机械总机的重量,并将重量传递给地面,沿着履带的导轨或履带板面滚动,同时限制履带的横向滑脱,防止履带脱落。在机械转向时,支重轮迫使履带在地面上滑移,以实现转向。

THE MAIN FUNCTION OF THE TRACK ROLLER IS TO SUPPORT THE WHOLE WEIGHT OF THE CONSTRUCTION MACHINERY, AND TRANSFER THE WEIGHT TO THE GROUND, ROLL ALONG THE GUIDE RAIL OR TRACK SURFACE OF THE TRACK, AND AT THE SAME TIME LIMIT THE LATERAL SLIPPAGE OF THE TRACK TO PREVENT THE TRACK FROM FALLING OFF. DURING MECHANICAL STEERING, THE TRACK ROLLERS FORCE THE TRACK TO SLIDE ON THE GROUND TO ACHIEVE STEERING.

驱动齿 SEGMENT



性能特点 PERFORMANCE CHARACTERISTICS

驱动轮的主要作用是将设备的发动机、电机或马达产生的驱动轮动力传递到履带,从而提供牵引力,使车辆前进、后退或转向。

THE FUNCTION OF THE SEGMENT IS TO TRANSMIT THE DRIVE WHEEL POWER GENERATED BY THE ENGINE, GENERATOR OR MOTOR OF THE EQUIPMENT TO THE TRACKS, THEREBY PROVIDING TRACTION TO MAKE THE VEHICLE FORWARD, BACKWARD OR STEERING.

托轮总成 CARRIER ROLLER ASSY



性能特点 PERFORMANCE CHARACTERISTICS

托链轮的作用是托住履带,防止履带下垂过大,以减少履带在运动过程中的震跳现象,并防止履带侧向滑落。

THE FUNCTION OF THE CARRIER ROLLER IS TO SUPPORT THE TRACK AND PREVENT THE TRACK FROM SAGGING TOO MUCH, SO AS TO REDUCE THE TRACK IN JUMPING PHENOMENON DURING MOVEMENT, PREVENTS THE TRACK FROM SLIDING SIDEWAYS.

引导轮总成 IDLER ASSY

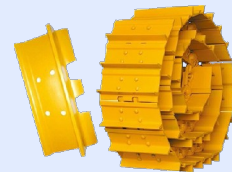


性能特点 PERFORMANCE CHARACTERISTICS

引导轮的作用是提供稳定性和操控性。在行驶中,引导轮可以帮助驾驶员更容易地控制车辆的转向和转弯半径,提高操纵的精确性和安全性。

THE FUNCTION OF THE IDLER IS TO PROVIDE STABILITY AND HANDLING. WHILE DRIVING, THE IDLERS CAN HELP THE DRIVER MORE EASILY CONTROL THE VEHICLE'S STEERING AND TURNING RADIUS, IMPROVING THE PRECISION AND SAFETY OF HANDLING.

推土机履带 BULLDOZER TRACKS



性能特点 PERFORMANCE CHARACTERISTICS

推土机履带作为设备核心行走部件,具备高接地比压、超强抓地力的特性,可牢牢咬合地面,轻松应对土方推运、矿山剥离等重载工况;采用高强度耐磨钢材打造,抗冲击、耐磨损,适应长时间高强度作业;多组支重轮均匀承载机身重量,保障行走稳定不跑偏,是推土机高效完成推平、压实、剥离等任务的可靠支撑。

THE BULLDOZER TRACK SHOE ASSY IS A CORE TRAVELING COMPONENT OF THE EQUIPMENT, FEATURING HIGH GROUND PRESSURE AND SUPERIOR GRIPPING FORCE, WHICH CAN FIRMLY ENGAGE WITH THE GROUND AND EASILY HANDLE HEAVY-DUTY WORKING CONDITIONS SUCH AS EARTH MOVEMENT AND MINE STRIPPING. MADE OF HIGH-STRENGTH WEAR-RESISTANT STEEL, IT OFFERS EXCELLENT IMPACT RESISTANCE AND WEAR RESISTANCE, SUITABLE FOR LONG-TERM HIGH-INTENSITY OPERATIONS. EQUIPPED WITH MULTIPLE GROUPS OF TRACK ROLLERS TO EVENLY BEAR THE WEIGHT OF THE MACHINE BODY, IT ENSURES STABLE TRAVEL WITHOUT DEVIATION, AND SERVES AS A RELIABLE SUPPORT FOR BULLDOZERS TO EFFICIENTLY COMPLETE TASKS SUCH AS LEVELLING, COMPACTION AND STRIPPING.

AUTOMATIC PRODUCTION LINE

自动产线



山东五创自主研发的全自动智能生产线将机械设备、信息系统、传感器技术等进行深度融合，核心是利用智能化设备进行生产调度、质量检测和数据反馈，减少人工干预，从而实现了生产过程的全面自动化、精准化与智能化，不仅提高了生产效率、降低成本，还增强了产品质量的一致性，为公司在激烈的市场竞争中提供巨大优势！

SHANDONG FIVECREATION INDEPENDENT RESEARCH AND DEVELOPMENT OF AUTOMATIC INTELLIGENT PRODUCTION LINE WILL BE MECHANICAL EQUIPMENT, INFORMATION SYSTEM, SENSOR TECHNOLOGY AND OTHER DEEP INTEGRATION. THE CORE IS THE USE OF INTELLIGENT EQUIPMENT FOR PRODUCTION SCHEDULING, QUALITY INSPECTION AND DATA FEEDBACK, REDUCE MANUAL INTERVENTION, SO AS TO ACHIEVE THE PRODUCTION PROCESS OF FULL AUTOMATION, PRECISION AND INTELLIGENCE, NOT ONLY IMPROVE PRODUCTION EFFICIENCY, REDUCE COSTS, BUT ALSO ENHANCE THE CONSISTENCY OF PRODUCT QUALITY, FOR THE COMPANY IN THE FIERCE MARKET COMPETITION TO PROVIDE A HUGE ADVANTAGE!



PRODUCTION EQUIPMENT

生产设备



山东五创生产设备主要包括加工设备、组装设备、检测设备和物流设备，目前配备了重负荷KUKA机械手26台，轻负载机器人10台，焊接机器人10台，台湾立车/斜车及加工中心10余台，其他各型号数控机床50余台，6条自动/半自动装配线，热处理设备10余台，通过自研的工装和辅助定位系统，保障了设备的生产可靠性、易用性，大大提升了生产效率。

THE PRODUCTION EQUIPMENT MAINLY INCLUDES PROCESSING EQUIPMENT, ASSEMBLY EQUIPMENT, TESTING EQUIPMENT AND LOGISTICS EQUIPMENT. CURRENTLY EQUIPPED WITH 26 HEAVY-DUTY KUKA MANIPULATORS, 10 LIGHT-LOAD ROBOTS, 10 WELDING ROBOTS, MORE THAN 10 TAIWANESE LATHES AND INCLINED LATHES AND MACHINING CENTERS, MORE THAN 50 OTHER TYPES OF CNC MACHINE TOOLS, 6 AUTOMATIC/SEMI-AUTOMATIC ASSEMBLY LINES, MORE THAN 10 HEAT TREATMENT EQUIPMENT THROUGH SELF-DEVELOPED TOOLING AND AUXILIARY POSITIONING SYSTEMS. THE PRODUCTION RELIABILITY AND EASE OF USE OF THE EQUIPMENT GREATLY IMPROVE THE PRODUCTION EFFICIENCY.



QUALITY ASSURANCE

质量保证



五创机械凭借优良的生产设备、先进的生产工艺以及高端的检测设备，严格按照公司“质量管理体系”的规定进行有序生产，确保生产流程的每个环节稳定、可靠，产品的优良率始终保持在99.97%以上。高品质的产品可胜任复杂而恶劣的工况，为公司赢得良好口碑的同时也为客户创造了价值。

WITH THE EXCELLENT PRODUCTION EQUIPMENTS, ADVANCED PRODUCTION TECHNOLOGY AND HIGH-END TESTING EQUIPMENTS, FCM PRODUCES ORDERLY IN STRICT ACCORDANCE WITH THE PROVISIONS OF "QUALITY MANAGEMENT SYSTEM", TO ENSURE EACH SECTION OF THE PRODUCTION PROCESS STABILITY AND RELIABLE. THE EXCELLENT AND GOOD RATE OF THE PRODUCTS IS ALWAYS KEEP ABOVE 99.97%. AND HIGH-QUALITY PRODUCTS CAN BE COMPETENT FOR COMPLEX AND HARSH WORKING CONDITIONS, WINNING GOOD REPUTATION FOR THE COMPANY AND CREATING VALUE FOR CUSTOMERS AT THE SAME TIME.



DIGITAL FACTORY

数字工厂



山东五创数字化生产承载公司多年工业知识和经验，自主研发信息化平台解决研发设计、生产制造、运维服务、经营管理等场景需求，信息资源贯穿着数据采集、分析、决策、执行等各个环节，让数据价值服务于工厂各环节，从而提升工厂的运行效率和质量，帮助工厂完成数字化转型。

THE DIGITAL PRODUCTION CARRIES THE COMPANY'S MANY YEARS OF INDUSTRIAL KNOWLEDGE AND EXPERIENCE. INDEPENDENT RESEARCH AND DEVELOPMENT OF INFORMATION PLATFORM TO SOLVE THE NEEDS OF R&D AND DESIGN, MANUFACTURING, OPERATION AND MAINTENANCE SERVICES. OPERATION AND MANAGEMENT AND OTHER SCENARIOS, INFORMATION RESOURCES RUN THROUGH DATA COLLECTION, ANALYSIS, DECISION-MAKING, EXECUTION AND OTHER LINKS, SO THAT THE VALUE OF DATA SERVES ALL ASPECTS OF THE FACTORY, SO AS TO IMPROVE THE OPERATION EFFICIENCY AND QUALITY OF THE FACTORY, AND HELP THE FACTORY COMPLETE THE DIGITAL TRANSFORMATION.

