



PRODUCT MANUAL

产品手册
2025|04|E

Underground Diesel LHD___Rock Grab___Electric Power LHD
___Underground Dump Truck___Electric Power LPDT
Underground Multifunctional Vehicle___Rubber-Tyred Shuttle Car
Raise Boring Machine___Underground Mechanized Scaler___

2026全系更新计划
NEW ENHANCEMENT PLAN

金安拓制造
KING ANT MANUFACTURING

铲运机系列
DIESEL LHD
SERIES

铰接运矿车系列
DUMP TRUCK
SERIES

4吨静液压底盘系列
4 TON STATIC
HYDRAULIC
CHASSIS SERIES

10吨静液压底盘系列
10 TON STATIC
HYDRAULIC
CHASSIS SERIES



25吨机械传动底盘系列
25 TON MECHANICAL
CHASSIS SERIES

反井钻机、梭车、抓岩机等
LOADER CRANES
UNDERGROUND REFUELLER
UNDERGROUND CONCRETE-GUNITE TRUCK

BACKGROUND



01

企业简介
COMPANY
INTRODUCTION

03

业务布局
BUSINESS
LAYOUT

05

施工案例
CONSTRUCTION
CASES

CONTENTS

目录

07

产品检索
PRODUCT
SEARCH

75

技术术语
TECHNICAL
TERMINOLOGY

77

专利资质
PATENTS
QUALIFICATION

79

合作伙伴
COOPERATION
PARTNERS

COMPANY PROFILE

企业简介

KING ANT MANUFACTURE

湖北金诚信是一家以矿山智能装备研发、制造、销售、租赁、矿山机电安装、设备大修、物资供应、反井工程施工等为主营业务的矿山“解决方案”提供商。

金安拓品牌：研发、制造了湿式弹簧制动地下自卸卡车、铰接运矿车、高原型内燃铲运机、纯电池动力铲运机、各种吨位多功能服务车、双向梭车、撬毛台车、喷浆台车、液压抓岩机等20余款产品，均已取得KA证书，并投入一线使用。

公司在北京设有研发中心、创新工厂，多年来专注矿山工程装备研发，在新能源、智能化、数字化矿山技术上积累了丰富的经验。

HUBEI JCHX MINING SERVICE CO., LTD IS A MINING "SOLUTION" PROVIDER MAINLY ENGAGED IN THE RESEARCH AND DEVELOPMENT, MANUFACTURING, SALES, LEASING, MECHANICAL AND ELECTRICAL INSTALLATION, EQUIPMENT OVERHAUL, MATERIAL SUPPLY, AND REVERSE ENGINEERING CONSTRUCTION OF INTELLIGENT MINING EQUIPMENT.

KING ANT BRAND: WE HAVE DEVELOPED AND MANUFACTURED OVER 20 TYPES OF UNDERGROUND DUMP TRUCKS, DIESEL LOAD-HAUL-DUMP, PURE ELECTRIC POWER LOAD-HAUL-DUMP, VARIOUS TONNAGE UNDERGROUND MULTIFUNCTIONAL VEHICLE, RUBBER-TYRED SHUTTLE CAR, UNDERGROUND MECHANIZED SCALER, UNDERGROUND CONCRETE-GUNITE TRUCK, HYDRAULIC ROCK GRABBING MACHINES AND OTHER PRODUCTS, ALL OF WHICH HAVE OBTAINED KA CERTIFICATES AND HAVE BEEN PUT INTO FRONTLINE USE.

THE COMPANY HAS A RESEARCH AND DEVELOPMENT CENTER AND INNOVATION FACTORY IN BEIJING, FOCUSING ON THE RESEARCH AND DEVELOPMENT OF MINING ENGINEERING EQUIPMENT FOR MANY YEARS. IT HAS ACCUMULATED RICH RESEARCH AND PRACTICAL EXPERIENCE IN NEW ENERGY, INTELLIGENCE, AND DIGITAL MINING TECHNOLOGY.

DEVELOPMENT HISTORY

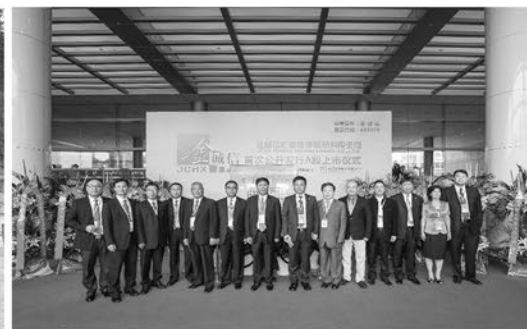
发展历程



1997 金诚信成立
ESTABLISHED
IN 1997 BY
JIN CHENGXIN



2010 重组股权公司
ASSET RESTRUCTURING
TO ESTABLISH AN
EQUITY COMPANY



2015 上海证券上市
LISTED ON THE
SHANGHAI STOCK
EXCHANGE



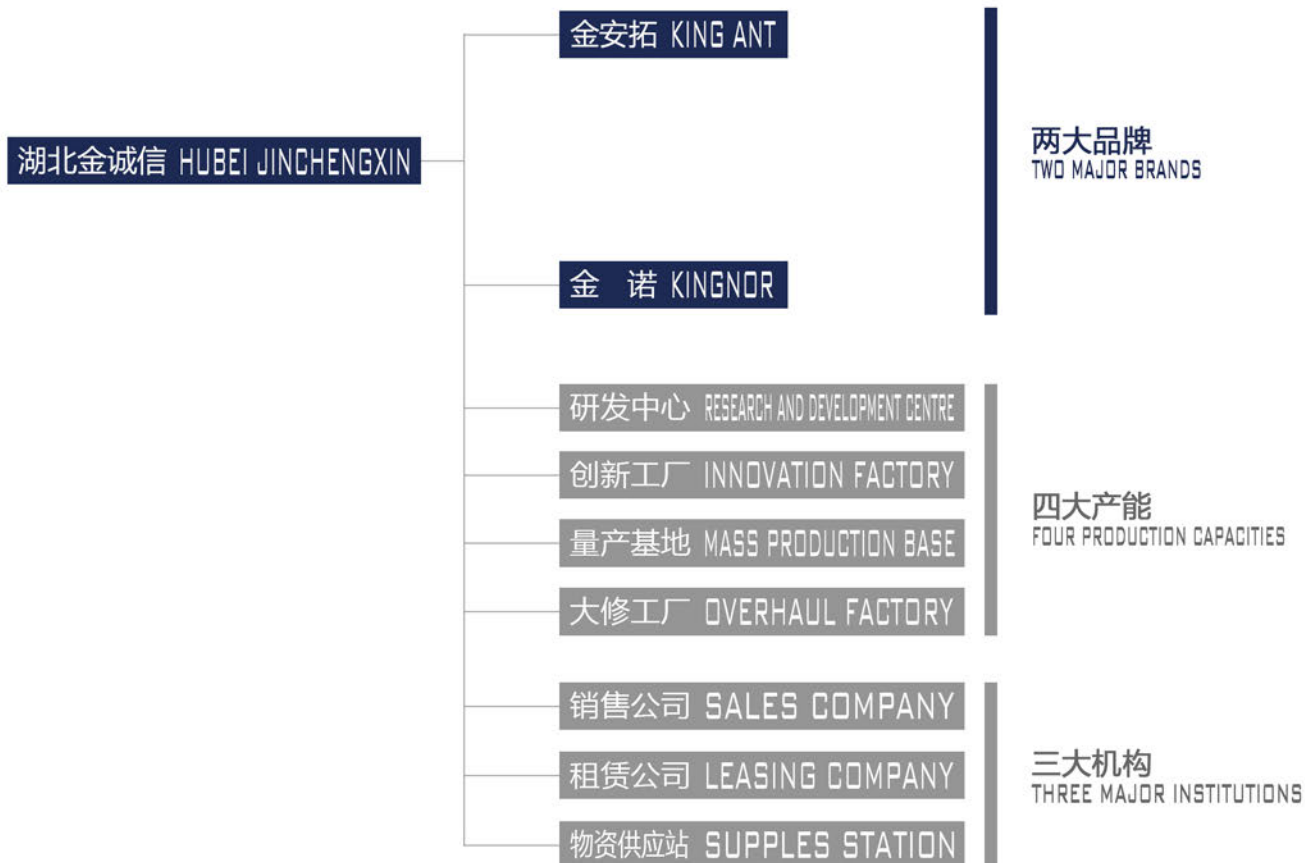
2019 金安拓KINGANT 品牌创立
KING ANT
BRAND
ESTABLISHMENT



2020 高新技术企业认证
CERTIFIED
AS A HIGH-TECH
ENTERPRISE



2021 各类装备通过KA证评审
ALL TYPES OF
EQUIPMENT HAVE PASSED
KA CERTIFICATION REVIEW



2017 湖北基地竣工
HUBEI EQUIPMENT
MANUFACTURING
BASE COMPLETED



2017 芬兰挪曼尔特合资
ESTABLISHING A
JOINT VENTURE WITH
FINLAND'S NOMANERT



2018 金诺KINGNUR 品牌创立
KINGNUR
BRAND
ESTABLISHMENT



2022 单一车型年销量120+
ANNUAL SALES OF
A SINGLE MODEL
EXCEED 120



2023 20款车族新品推出
20 NEW CAR
FAMILY PRODUCTS
LAUNCHED



2024 新型智能矿山设备
NEW INTELLIGENT
MINING
EQUIPMENT

装备8大系列 方案解决者

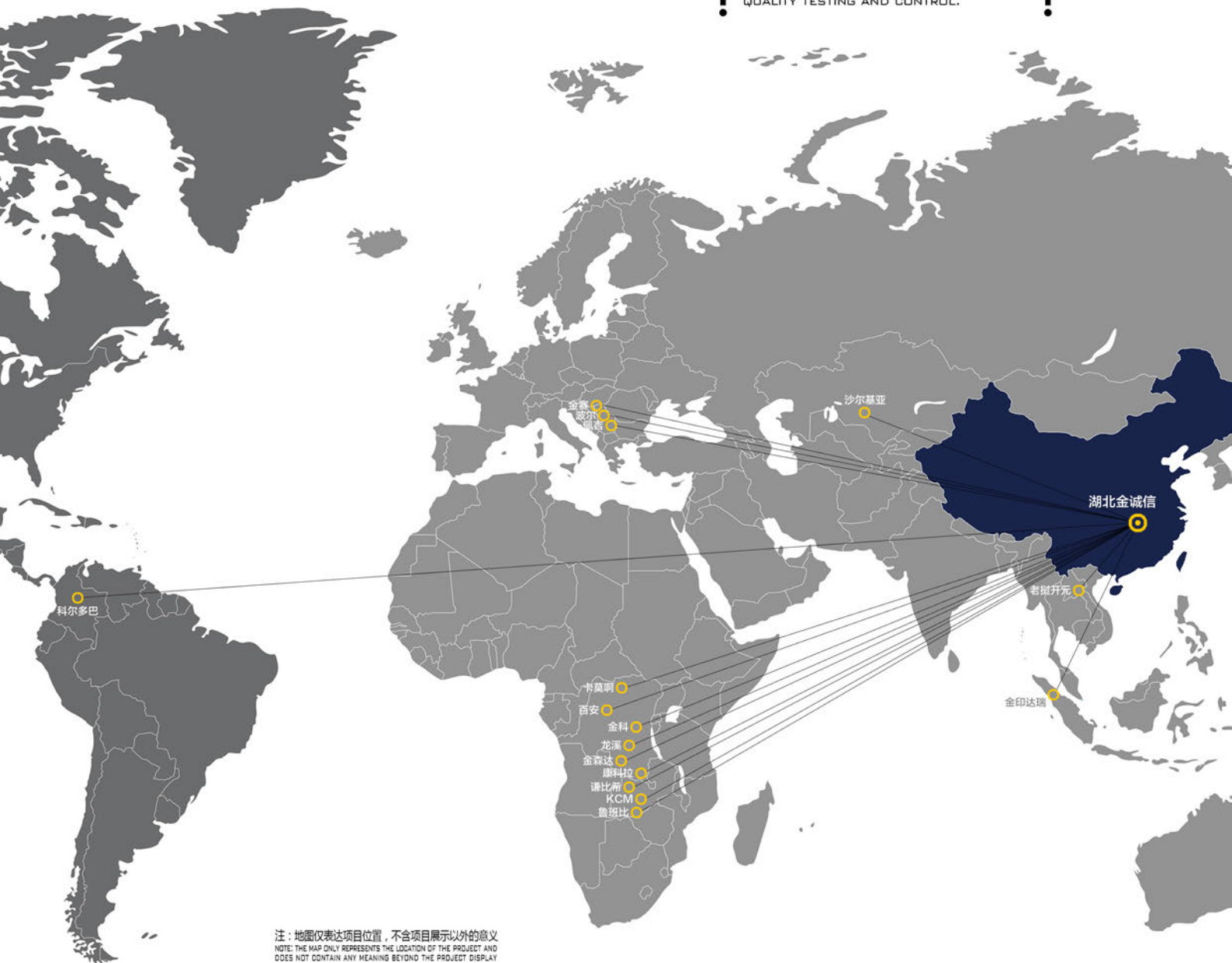
8 CORE PRODUCT LINES
ENGINEERED FOR
COMPLETE SOLUTIONS

金安拓制造 全球供应

JINCHENGXIN INTELLIGENT EQUIPMENT

金安拓拥有一支专业、敬业、高品质的产品研发和质量管理团队，从产品研发、设计、成型到产品制造、组装，对每道工序都进行严格的质量检测和控制。

KING ANT HAS A PROFESSIONAL, DEDICATED, HIGH-QUALITY PRODUCT RESEARCH AND DEVELOPMENT AND QUALITY MANAGEMENT TEAM, FROM PRODUCT RESEARCH AND DEVELOPMENT, DESIGN, MOLDING TO PRODUCT MANUFACTURING, ASSEMBLY, FOR EACH PROCESS OF STRICT QUALITY TESTING AND CONTROL.



注：地图仅表达项目位置，不含项目展示以外的意义
NOTE: THE MAP ONLY REPRESENTS THE LOCATION OF THE PROJECT AND DOES NOT CONTAIN ANY MEANING BEYOND THE PROJECT DISPLAY

新能源解决方案

NEW ENERGY SOLUTIONS

20余款车族产品
电动解决方案

20+ VEHICLE MODELS
EMPOWERING
ELECTRIFICATION SOLUTIONS



以人为本 以客先行

PUTTING PEOPLE FIRST AND PUTTING CUSTOMERS FIRST

文化是金诚信的灵魂，客户至尊，和谐共生，以人为本，关爱生命，关注健康，诚信立世，与时俱进，追求卓越，让客户和员工产生认同感、归属感和家园感。

CULTURE IS THE SOUL OF INTEGRITY, WITH CUSTOMERS AT THE TOP, HARMONIOUS COEXISTENCE, PEOPLE-ORIENTED, CARING FOR LIFE, CARING FOR HEALTH, BEING HONEST IN THE WORLD, KEEPING UP WITH THE TIMES, PURSUING EXCELLENCE, AND CREATING A SENSE OF IDENTITY, BELONGING, AND HOME FOR CUSTOMERS AND EMPLOYEES

售后24h在线 全心全意为您

24/7 SUPPORT
COMMITTED TO
YOUR SUCCESS



KING ANT MANUFACTURE



REPAIR ENGINEERS
ON-SITE WORLDWIDE
WITHIN 48 HOURS

● 供应商SUPPLIER ● 维修基地MAINTENANCE BASE

CONSTRUCTION CASES

施工案例

KING ANT MANUFACTURE



云南铜业
(普朗项目)

KAT307 地下内燃铲运机
DIESEL LOAD-HAUL-DUMP
WORKING UNDERGROUND
IN THE PULANG PROJECT



金川集团
(金川项目)

KATUK-35 铰接式运矿车
UNDERGROUND DUMP TRUCK
WORKING UNDERGROUND
IN THE JINCHUAN PROJECT



中国有色
(红透山项目)

KAT3.0-300 反井钻机
RAISE BORING MACHINE
WORKING UNDERGROUND
IN THE CHENGDE PROJECT



西部矿业
(锡铁山项目)

KATUQ-25 地下自卸车
UNDERGROUND DUMP TRUCK
WORKING UNDERGROUND
IN THE XITESHAN PROJECT



开元矿业
(老挝开元项目)

KATUS20 双向胶轮梭车
RUBBER-TYRED SHUTTLE CAR
WORKING UNDERGROUND
IN THE KAIYUAN PROJECT



贵州锦麟
(织金项目)

KATG205 矿用混凝土搅拌机
UNDERGROUND CONCRETE-MIXER TRUCK
WORKING UNDERGROUND
IN THE ZHIJIN PROJECT



江西铜业
(银山项目)

KATP20 地下混凝土喷浆车
UNDERGROUND CONCRETE-GUNITE TRUCK
WORKING UNDERGROUND
IN THE YINSHAN PROJECT

公司机械装备深耕国内市场的同时，大力开拓海外市场，总结全球矿山特点，利用自身矿山施工方优势，分析各类疑、难、特例问题，以创新驱动发展，将“产研用”三方结合，以研发促生产，以一线反馈促研发，不断优化和推出各类型产品。

WHILE DEEPLY CULTIVATING THE DOMESTIC MARKET, THE COMPANY'S MECHANICAL EQUIPMENT IS ALSO VIGOROUSLY EXPLORING OVERSEAS MARKETS, SUMMARIZING THE CHARACTERISTICS OF GLOBAL MINES, UTILIZING ITS OWN ADVANTAGES IN MINING CONSTRUCTION, ANALYZING VARIOUS DOUBTS, DIFFICULTIES, AND SPECIAL CASES, AND DRIVING DEVELOPMENT THROUGH INNOVATION. THE COMPANY COMBINES PRODUCTION RESEARCH AND APPLICATION, PROMOTES PRODUCTION THROUGH RESEARCH AND DEVELOPMENT, AND CONTINUOUSLY OPTIMIZES AND LAUNCHES VARIOUS TYPES OF PRODUCTS THROUGH FRONTLINE FEEDBACK.



西部矿业 (肃北项目) | KATQ5 地下撬毛车
UNDERGROUND MECHANIZED SCALER
WORKING UNDERGROUND
IN THE SUBEI PROJECT



纯电池动力 PURE BATTERY POWER

中国首批量产 无人驾驶
CHINA'S FIRST BATCH OF MASS PRODUCED
AUTONOMOUS DRIVING

6小时192kW·h 超大电池
6 HOUR WORKING TIME
OF 192kW · H WITH
SUPER LARGE CAPACITY

金牛矿业 (庐江项目) | KAT307-EV 纯电池动力铲运机
ELECTRIC POWER LOAD-HAUL-DUMP
WORKING UNDERGROUND
IN THE LUJIANG PROJECT



金川集团 (金川项目) | KAT614 地下内燃铲运机
DIESEL LOAD-HAUL-DUMP
WORKING UNDERGROUND
IN THE JINCHUAN PROJECT



江西铜业 (武山三期) | KATG102 矿用混凝土搅拌机
UNDERGROUND CONCRETE-MIXER TRUCK
WORKING UNDERGROUND
IN THE WUSHAN PROJECT



天一矿业 (瓮安项目) | KATP20 地下混凝土喷浆车
UNDERGROUND CONCRETE-GUNITING TRUCK
WORKING UNDERGROUND
IN THE WENGAN PROJECT



会宝岭铁矿 (会宝岭项目) | KATUQ-25 地下自卸车
UNDERGROUND DUMP TRUCK
WORKING UNDERGROUND
IN THE HUIBAOLING PROJECT



金川集团 (金川项目) | KATRU9 地下无轨运人车
UNDERGROUND PERSONNEL TRANSPORTATION VEHICLE
WORKING UNDERGROUND
IN THE JINCHUAN PROJECT



高原内燃型 ENGINEERED FOR HIGH-ALTITUDE OPERATIONS

高原 高性能
HIGH ALTITUDE
HIGH PERFORMANCE

185 kW 强劲动力
185 KW STRONG
PERFORMANCE FOR HIGH-ALTITUDE
AND HEAVY-DUTY APPLICATIONS

鑫源矿业 (白玉项目) | KAT307 地下内燃铲运机 (高原型)
DIESEL LHD (HIGH-ALTITUDE MODEL)
WORKING UNDERGROUND
IN THE BAIYU PROJECT

PRODUCT SEARCH

产品检索

KING ANT MANUFACTURE

铲运机系列 P09

DIESEL LHD SERIES

P10

KAT307

地下内燃铲运机

Diesel Load-Haul-Dump

P13

KAT307EV

地下电动铲运机

Electric Power Load-Haul-Dump

P15

KAT410

地下内燃铲运机

Diesel Load-Haul-Dump

P18

KAT410EV

地下电动铲运机

Electric Power Load-Haul-Dump

P20

KAT614

地下内燃铲运机

Diesel Load-Haul-Dump

P23

KAT615EV

地下电动铲运机

Electric Power Load-Haul-Dump

铰接式运矿车系列 P25

DUMP TRUCK SERIES

P26

KATUK35

铰接式内燃运矿车

Underground Dump Truck

P29

KATUK30EV

铰接式电动运矿车

Battery-Electric Dump Truck

P31

KATUK45

铰接式内燃运矿车

Underground Dump Truck

P34

KATUK40EV

铰接式电动运矿车

Battery-Electric Dump Truck

P36

KATUK55

铰接式内燃运矿车

Underground Dump Truck

P39

KATUK50EV

铰接式电动运矿车

Battery-Electric Dump Truck

4t静液压底盘系列 P41

4 TON STATIC HYDRAULIC CHASSIS SERIES

P42

KATRU9

地下无轨运人车

Underground Personnel
Transportation Vehicle

10t静液压底盘系列 P45

10 TON STATIC HYDRAULIC CHASSIS SERIES

P46

KATG102

矿用混凝土搅拌车

Underground
Concrete-Mixer Truck

P49

KATN2C

矿用随车吊

Underground Loader Crane

25t机械底盘系列 P52

25 TON MECHANICAL CHASSIS SERIES

P54

KATUQ-25

地下自卸车（钢性倾卸式）

Underground Dump Truck

P55

KATUQ-25T

地下自卸车（钢性推卸式）

Underground Dump Truck

P56

KATG255

矿用混凝土搅拌车

Underground
Concrete-Mixer Truck

P57

KATCY-5000A

地下油罐车

Underground Refueller

P59

KATUQ-25D

纯电动地下自卸车（钢性倾卸式）

Underground
Electric Power LPDT

其它辅助车系列 P61

OTHER AUXILIARY VEHICLE SERIES

P62

KATUS20

双向胶轮梭车

Rubber-Tyred Shuttle Car

P65

KATQ5

地下撬毛车

Underground
Mechanized Scaler

P68

KATP20

地下混凝土喷浆车

Underground
Concrete-Gunite Truck

P71

KAT3.0-300

反井钻机

Raise Boring Machine

P74

KAT0.6YZ

抓岩机

Rock Grab

KING ANT 铲运机系列

DIESEL LOAD-HAUL-DUMP SERIES

选装功能组件

OPTIONAL FUNCTIONAL MODULES



3m³ 铲斗
SMALL LOADER



4m³ 铲斗
MEDIUM LOADER



6m³ 铲斗
LARGE LOADER



电池动力
BATTERY POWER



高原动力
HIGH-ALTITUDE POWER



远程智能
REMOTE INTELLIGENCE

涂装企业化定制

CUSTOMIZED COATING FOR ENTERPRISES

该系列铲运机是以柴油机或电动机为原动力，采用液压传动、铰接式车架、胶轮行走、前装前卸式的装载设备。底盘包含有动力系统、传动系统、驾驶室；动力系统由发动机、电池、进排气系统、散热器等组成；传动系统由液力变矩器、变速箱、传动轴、前后驱动桥和防爆轮胎等组成。各功能及零部件引进吸收国际先进技术，整车质量上乘，可靠性高、动力性强、舒适度好，便于维护保养，可选装各种吨位及动力功能模块。

This series of diesel LHD is a loading equipment that uses diesel engines or electric motors as the driving force, adopts hydraulic transmission, articulated frame, rubber wheel walking, and frontloading and unloading. The chassis includes a power system, transmission system, and cab; The power system consists of the engine, battery, intake and exhaust system, radiator, etc; The transmission system consists of a hydraulic torque converter, gearbox, transmission shaft, front and rear drive axles, and explosion-proof tires. The introduction and absorption of international advanced technology in various functions and components result in superior vehicle quality, high reliability, strong power, good comfort, and easy maintenance. Various tonnage and power function modules can be optionally installed.

3m³铲运机规格 DIESEL LOAD-HAUL-DUMP TYPES

金安拓制造
KING ANT MANUFACTURING

KAT307 地下**内燃**铲运机 DIESEL LOAD-HAUL-DUMP

BACKGROUND



KAT307EV 地下**电动**铲运机 ELECTRIC POWER LOAD-HAUL-DUMP

BACKGROUND

KAT307和KAT307EV是以柴油机或电动机为原动机，采用液压传动、铰接式车架，轮胎行走，前装前卸式的装载设备。主要用于矿山井下，以铲装、运输爆破后的松散物料为主，也可用于铁路、公路以及水利等隧道工程，特别适合于工作条件恶劣，作业现场狭窄、低矮以及泥泞的作业面。

KAT307 and KAT307EV are powered by diesel engines or electric motors, hydraulic transmission, articulated frame, tire walking, and front loading and unloading. Mainly used for underground scraper is mainly used underground in mines, mainly for loading and transporting loose materials after blasting. Can also be used for railways and highways and water conservancy and other tunnel engineering, especially suitable for harsh working conditions, narrow, low, and muddy working surfaces.

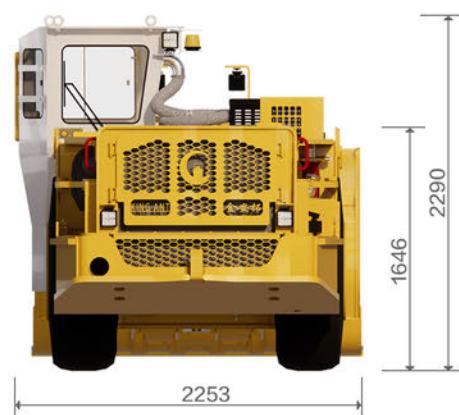
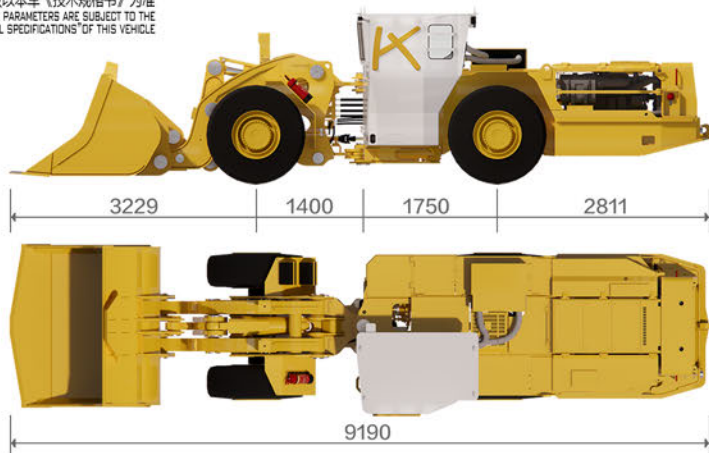
KAT307 地下内燃铲运机

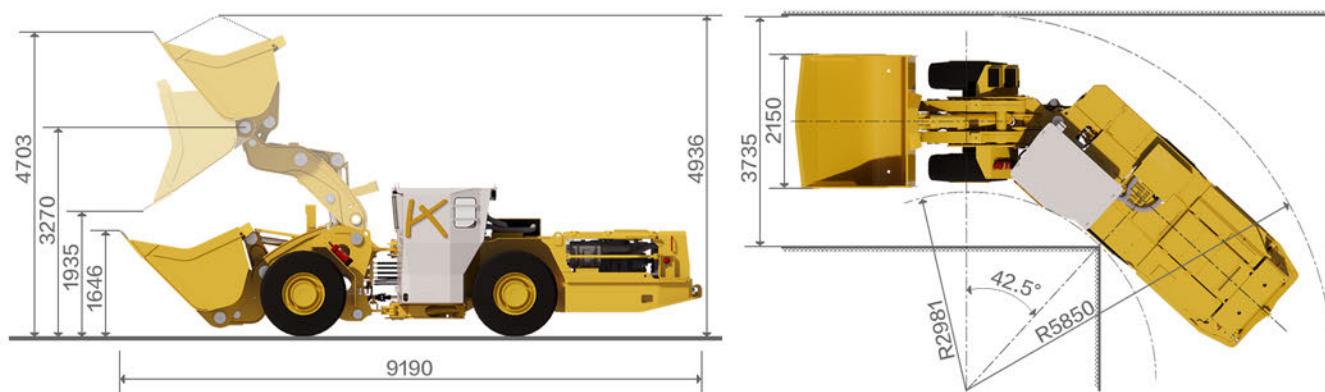
DIESEL LOAD-HAUL-DUMP



项目 Items	参数 Parameter
铲斗容积 Tramming	3.0 m³
额定载重量 Tramming capacity	6700 kg
最大牵引力 Maximum traction	≥170 kN
最大铲取力 Maximum breakout fore	≥130 kN
最小离地间隙 Ground clearance	≥290 mm
最大举升高度 Raising position height max	4703 mm
最大卸载高度 Dump position height max	≥1935 mm
最小卸载距离 Dump position height min	≥1592 mm
离去角 Departure angle	14°
转向角 Steering angle	±42.5°
爬坡能力 (重载) Ability to climb (heavy load)	≥20°
大臂举升时间 Raising time	6.5 s
大臂下降时间 Lowing time	3.5 s
铲斗卸载时间 Dumping time	2.5 s
最大功率 Output	160kW/2200rpm
外形尺寸 (长*宽*高) Dimensions (L* W* H)	9190*2253*2290 mm
装备质量 Vehicle Weight	19200 kg
行驶速度 Speeds forward	一档 1st gear: 4.0 km/h 二档 2st gear: 7.5 km/h 三档 3st gear: 13.0 km/h 四档 4st gear: 20.0 km/h
液压系统 Hydraulic system	工作压力 Working pressure: 220 bar 主泵流量 Main pump flow rate: 185 L/min
最小转弯半径 Minimum turning radius	内侧 Inner: 2981 mm 外侧 Outer: 5850 mm

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





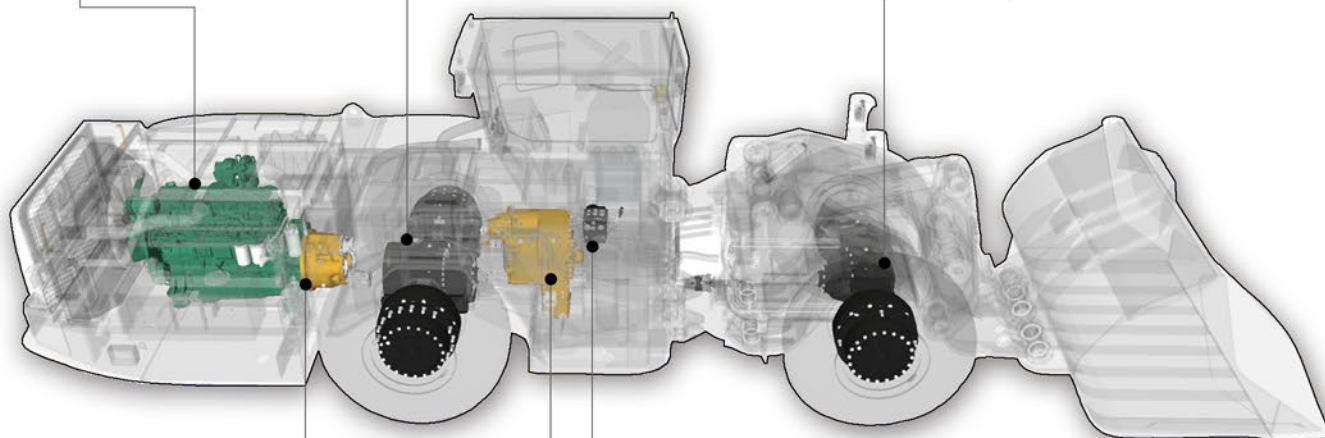
VOLVO发动机



KESSLER+CO后桥



KESSLER+CO前桥



DANA变矩器



DANA变速箱



DANFOSS主阀

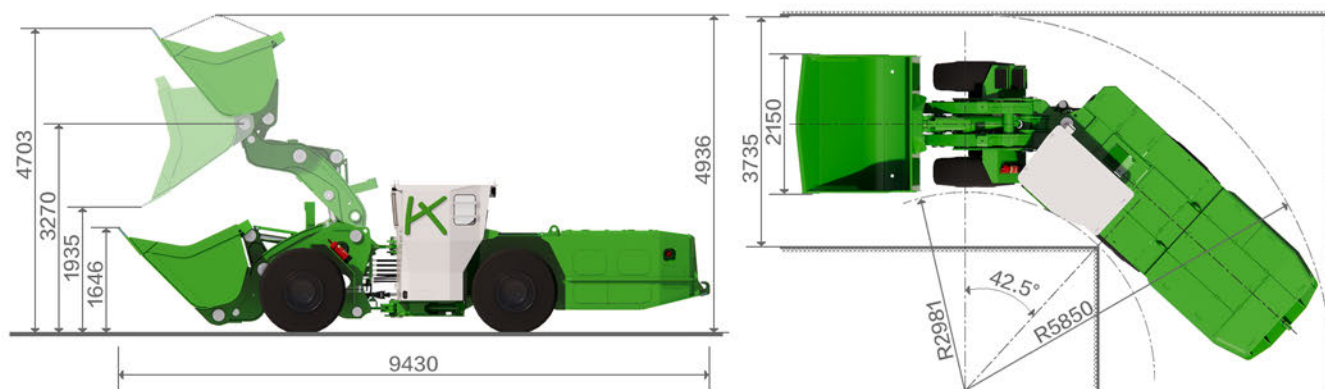


KAT307EV 地下电动铲运机

ELECTRIC POWER LOAD-HAUL-DUMP



项目 Items	参数 Parameter
铲斗容积 Tramming	3 m ³
额定载重量 Tramming capacity	6700 kg
最大牵引力 Maximum traction	≥150 kN
最大铲取力 Maximum breakout fore	≥130 kN
最小离地间隙 Ground clearance	≥290 mm
最大举升高度 Raising position height max	4703 mm
最大卸载高度 Dump position height max	≥1935 mm
最小卸载距离 Dump position height min	≥1592 mm
离去角 Departure angle	14°
转向角 Steering angle	±42.5°
爬坡能力 (重载) Ability to climb (heavy load)	≥20°
装备质量 Vehicle weight	20600 kg
铲斗卸载时间 Dumping time	2.5 s
大臂工作时间 Boom work efficiency	举升时间 Raising time: 7.2 s 下降时间 Lowing time: 3.5 s
注：参数以本车《技术规格书》为准 NOTE: THE PARAMETERS ARE SUBJECT TO THE "TECHNICAL SPECIFICATIONS" OF THIS VEHICLE	
电池容量 Battery capacity	163 kWh
电机功率 Electromotor power	100/50 kW
外形尺寸 (长*宽*高) Dimensions (L* W* H)	9430*2253*2290 mm
最小转弯半径 Minimum turning radius	内侧 Inner: 2981 mm 外侧 Outer: 5845 mm
液压系统 Hydraulic system	工作压力 Working pressure: 320 bar
行驶速度 Speeds forward	一档 1st gear: 4.0 km/h 二档 2st gear: 7.5 km/h 三档 3st gear: 13.0 km/h 四档 4st gear: 25.0 km/h
项目 Items	参数 Parameter



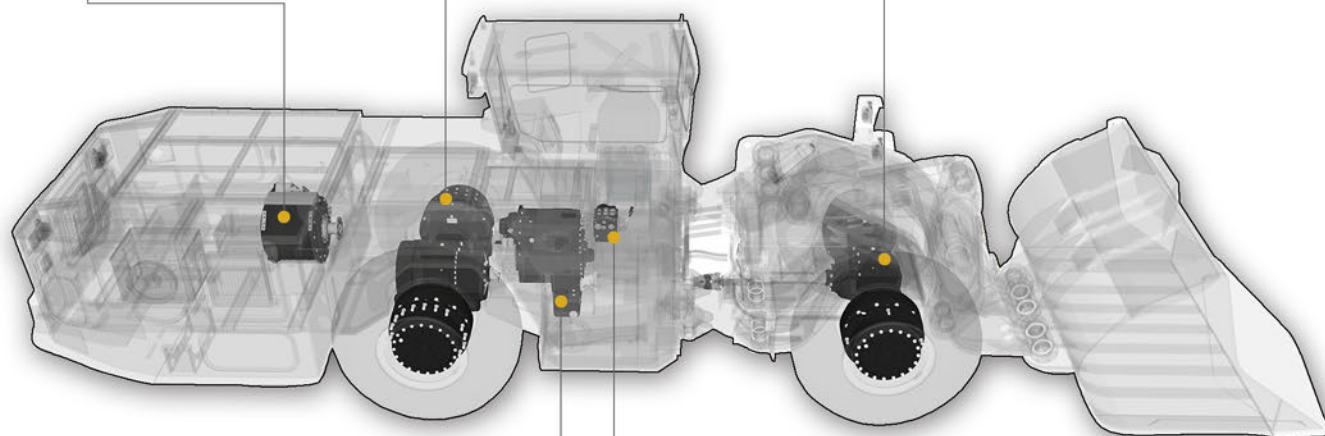
世界知名电动机



KESSLER+CO后桥



KESSLER+CO前桥



DANA变速箱



DANFOSS主阀

4m³铲运机规格

DIESEL LOAD-HAUL-DUMP TYPES

金安拓制造

KING ANT MANUFACTURING

KAT410 地下**内燃**铲运机 DIESEL LOAD-HAUL-DUMP

BACKGROUND

KAT410EV 地下**电动**铲运机 ELECTRIC POWER LOAD-HAUL-DUMP

BACKGROUND

KAT410和KAT410EV是以柴油机或电动机为原动机，采用液压传动、铰接式车架，轮胎行走，前装前卸式的装载设备。主要用于矿山井下，以铲装、运输爆破后的松散物料为主，也可用于铁路、公路以及水利等隧道工程，特别适合于工作条件恶劣，作业现场狭窄、低矮以及泥泞的作业面。

KAT410 and KAT410EV are powered by diesel engines or electric motors, hydraulic transmission, articulated frame, tire walking, and front loading and unloading. Mainly used for underground scraper is mainly used underground in mines, mainly for loading and transporting loose materials after blasting. Can also be used for railways and highways and water conservancy and other tunnel engineering, especially suitable for harsh working conditions, narrow, low, and muddy working surfaces.

KAT410 地下内燃铲运机

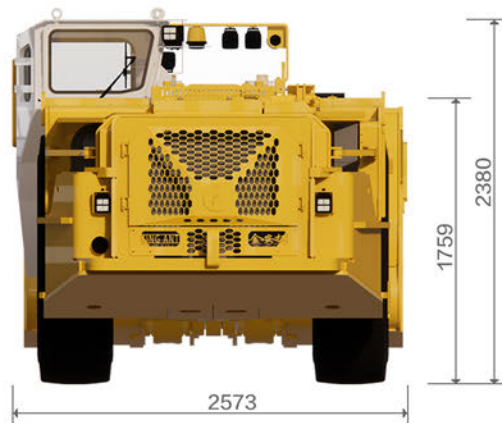
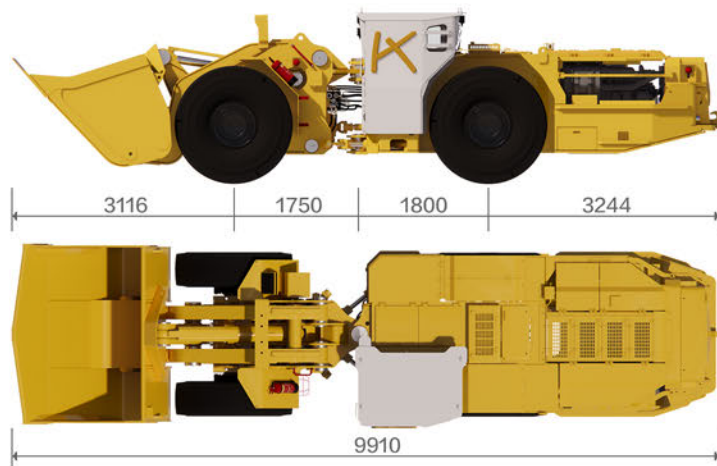
DIESEL LOAD-HAUL-DUMP

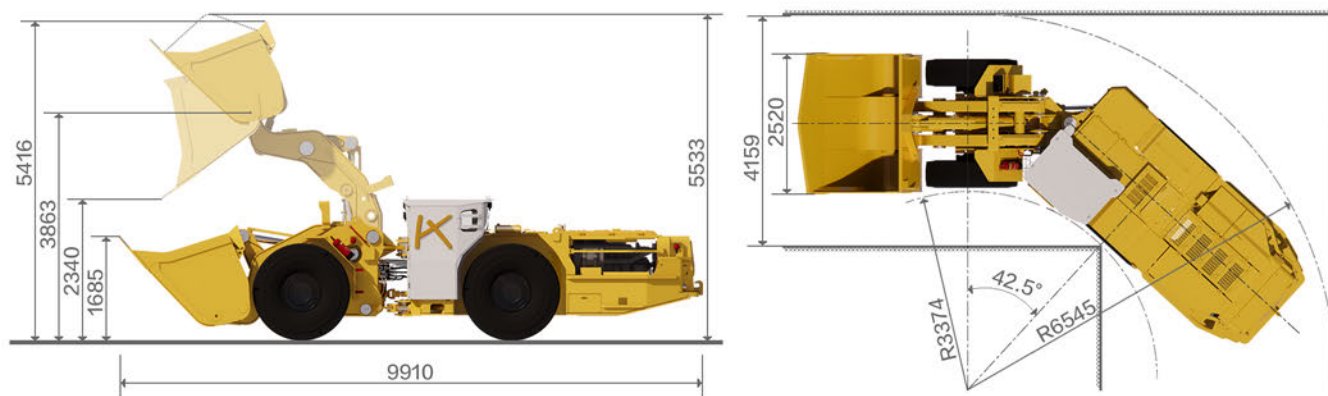
产品特点
PRODUCT FEATURES



项目 Items	参数 Parameter
铲斗容积 Trimming	4.5 m ³
额定载重量 Trimming capacity	10000 kg
最大牵引力 Maximum traction	240 kN
最大铲取力 Maximum breakout fore	≥180 kN
最小离地间隙 Ground clearance	393 mm
最大举升高度 Raising position height max	5416 mm
最大卸载高度 Dump position height max	≥2347 mm
最小卸载距离 Dump position height min	≥1517 mm
离去角 Departure angle	14°
转向角 Steering angle	±42.5°
最大爬坡能力 (重载) Ability to climb (heavy load)	≥20°
大臂举升时间 Raising time	7 s
大臂下降时间 Lowing time	2.5 s
铲斗卸载时间 Dumping time	2.5 s
最大功率 Output	235kW/2100rpm
外形尺寸 (长*宽*高) Dimensions (L* W* H)	9910*2573*2380 mm
装备质量 Vehicle weight	28800 kg
行驶速度 Speeds forward	一档 1st gear: 4.8 km/h 二档 2st gear: 9.3 km/h 三档 3st gear: 15.7 km/h 四档 4st gear: 26.3 km/h
液压系统 Hydraulic system	工作压力 Working pressure: 250 bar 主泵流量 Main pump flow rate: 260 L/min
最小转弯半径 Minimum turning radius	内侧 Inner: 3374 mm 外侧 Outer: 6545 mm

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





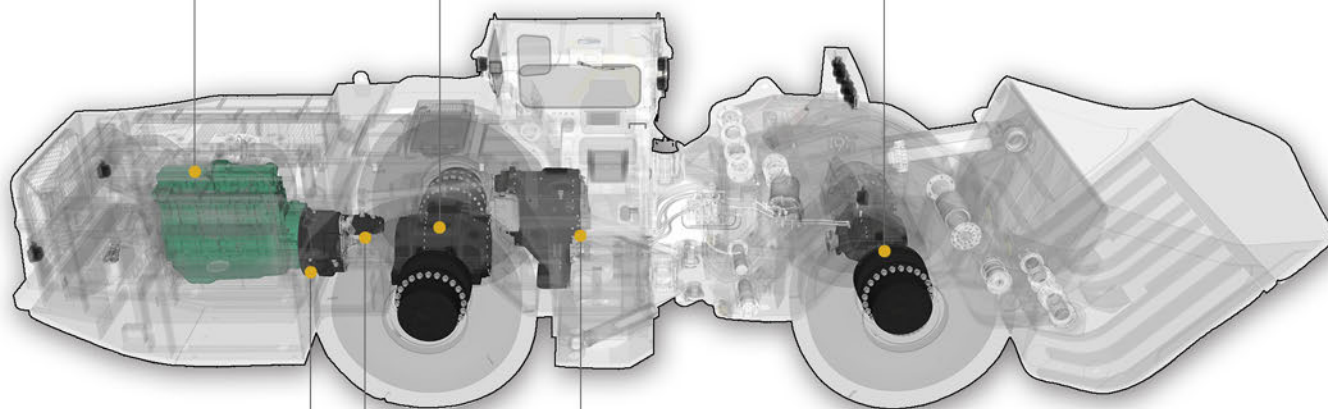
VOLVO发动机



KESSLER+CO后桥



KESSLER+CO前桥



DANA变矩器



PARKER双联泵



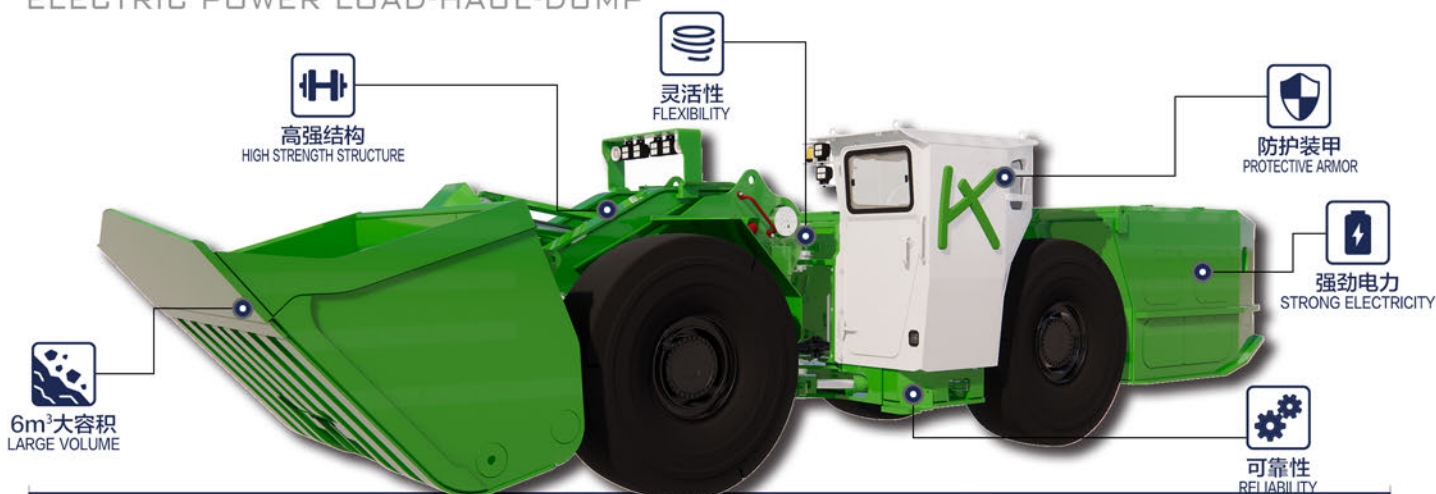
DANA变速箱



KAT410EV 地下电动铲运机

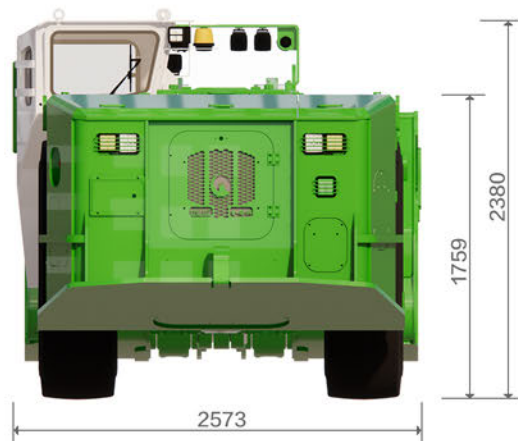
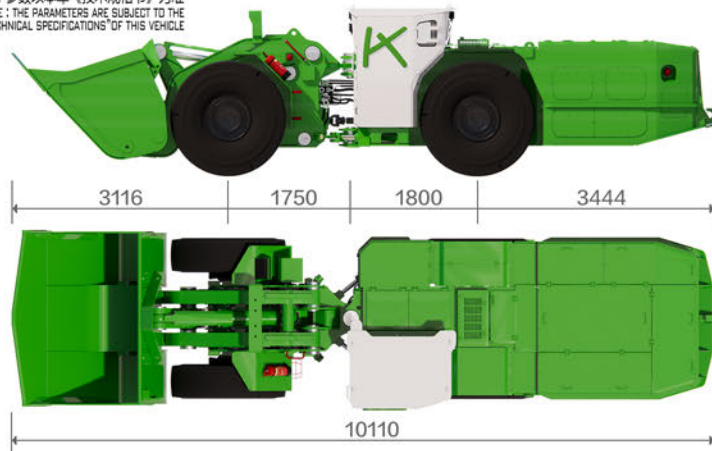
ELECTRIC POWER LOAD-HAUL-DUMP

产品特点
PRODUCT FEATURES

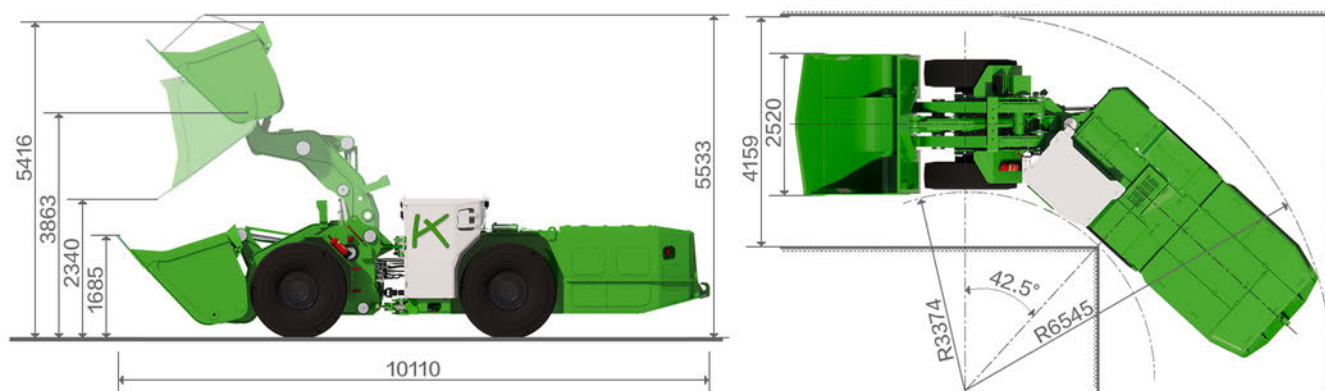


项目 Items	参数 Parameter
铲斗容积 Tramming	4.5 m ³
额定载重量 Tramming capacity	10000 kg
最大牵引力 Maximum traction	240 kN
最大铲取力 Maximum breakout fore	≥180 kN
最小离地间隙 Ground clearance	393 mm
最大举升高度 Raising position height max	5416 mm
最大卸载高度 Dump position height max	≥2347 mm
最小卸载距离 Dump position height min	≥1517 mm
离去角 Departure angle	14°
转向角 Steering angle	±42.5°
爬坡能力 (重载) Ability to climb (heavy load)	≥20°
装备质量 Vehicle weight	30800 kg
铲斗卸载时间 Dumping time	2.5 s
大臂工作时间 Boom work efficiency	举升时间 Raising time: 7 s 下降时间 Lowing time: 2.5 s

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



电池容量 Battery capacity	163 kWh
电机功率 Electromotor power	100/50 kW
外形尺寸 (长*宽*高) Dimensions (L* W* H)	10110*2573*2380 mm
最小转弯半径 Minimum turning radius	内侧 Inner: 3374 mm 外侧 Outer: 6545 mm
液压系统 Hydraulic system	工作压力 Working pressure: 250 bar
行驶速度 Speeds forward	一档 1st gear: 4.8 km/h 二档 2st gear: 9.3 km/h 三档 3st gear: 15.7 km/h 四档 4st gear: 26.3 km/h
项目 Items	参数 Parameter



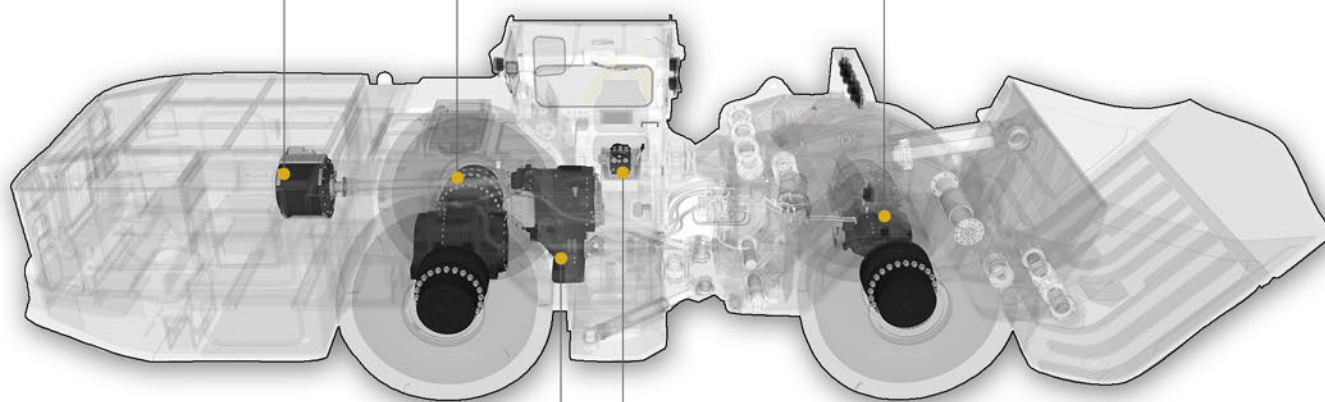
世界知名电动机



KESSLER+CO后桥



KESSLER+CO前桥



DANA变速箱



DANFOSS主阀



6m³铲运机规格 DIESEL LOAD-HAUL-DUMP TYPES

金安拓制造
KING ANT MANUFACTURING

KAT614 地下**内燃**铲运机 DIESEL LOAD-HAUL-DUMP

BACKGROUND



KAT615EV 地下**电动**铲运机 ELECTRIC POWER LOAD-HAUL-DUMP

BACKGROUND

KAT614和KAT615EV是以柴油机或电动机为原动机，采用液压传动、铰接式车架，轮胎行走，前装前卸式的装载设备。主要用于矿山井下，以铲装、运输爆破后的松散物料为主，也可用于铁路、公路以及水利等隧道工程，特别适合于工作条件恶劣，作业现场狭窄、低矮以及泥泞的作业面。

KAT614 and KAT615EV are powered by diesel engines or electric motors, hydraulic transmission, articulated frame, tire walking, and front loading and unloading. Mainly used for underground scraper is mainly used underground in mines, mainly for loading and transporting loose materials after blasting. Can also be used for railways and highways and water conservancy and other tunnel engineering, especially suitable for harsh working conditions, narrow, low, and muddy working surfaces.

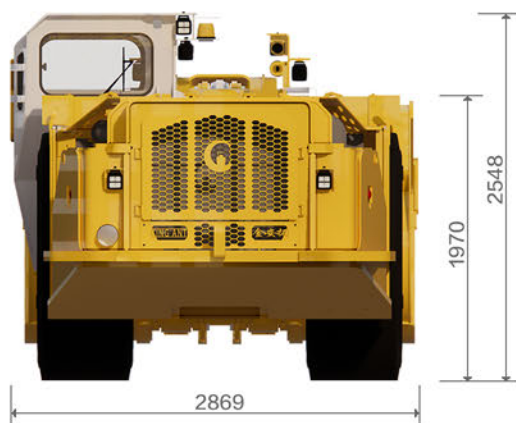
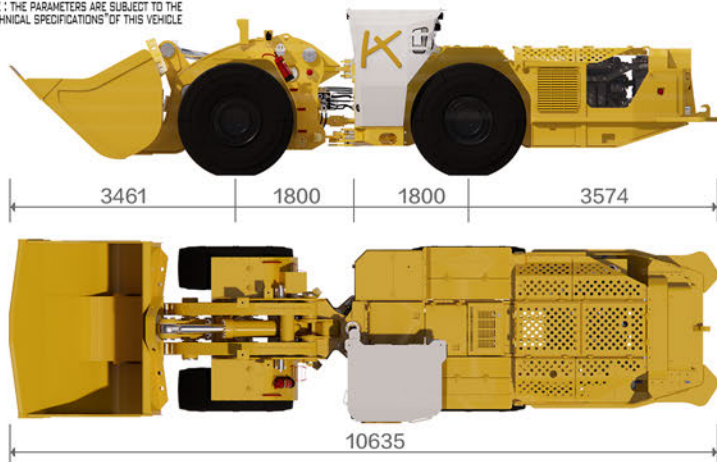
KAT614 地下内燃铲运机

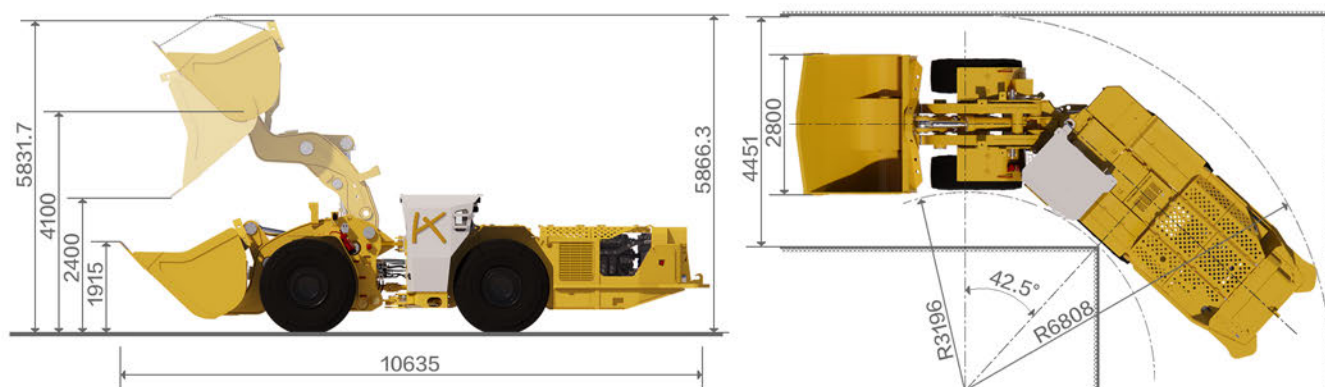
DIESEL LOAD-HAUL-DUMP



项目 Items	参数 Parameter
铲斗容积 Tramming	6 m ³
额定载重量 Tramming capacity	14000 kg
最大牵引力 Maximum traction	320 kN
最大铲取力 Maximum breakout fore	≥280 kN
最小离地间隙 Ground clearance	395 mm
最大举升高度 Raising position height max	5265 mm
最大卸载高度 Dump position height max	≥2800 mm
最小卸载距离 Dump position height min	≥1585 mm
离去角 Departure angle	14°
转向角 Steering angle	±42.5°
爬坡能力 (重载) Ability to climb (heavy load)	≥13°
大臂举升时间 Raising time	7 s
大臂下降时间 Lowing time	4 s
铲斗卸载时间 Dumping time	2.3 s
最大功率 Output	285kW/1900rpm
外形尺寸 (长*宽*高) Dimensions (L*W*H)	10635*2869*2548 mm
装备质量 Vehicle weight	39000 kg
行驶速度 Speeds forward	一档 1st gear: 4.0 km/h 二档 2st gear: 7.2 km/h 三档 3st gear: 12.4 km/h 四档 4st gear: 21.0 km/h
液压系统 Hydraulic system	工作压力 Working pressure: 290 bar 主泵流量 Main pump flow rate: 300 L/min
最小转弯半径 Minimum turning radius	内侧 Inner: 3196 mm 外侧 Outer: 6808 mm

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





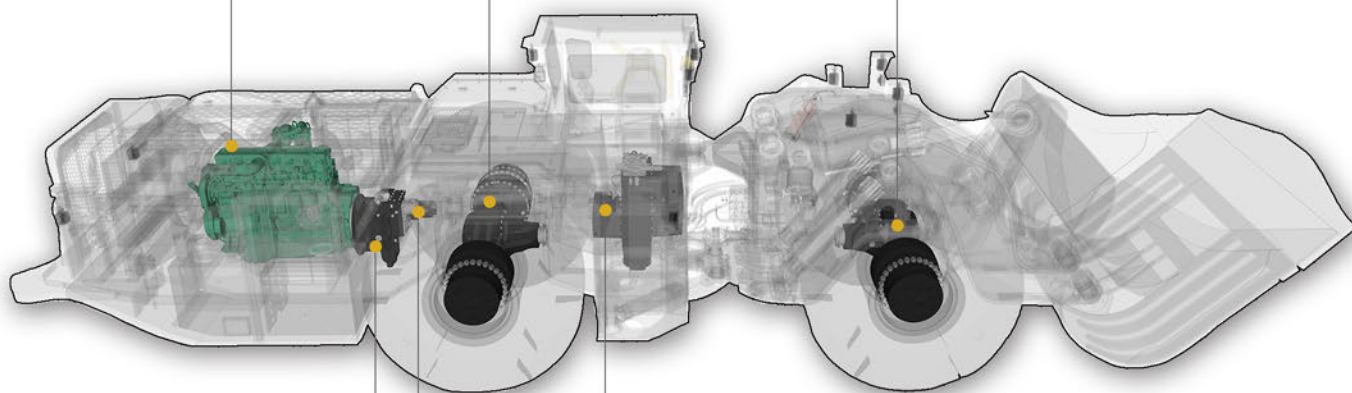
VOLVO发动机



KESSLER+CO后桥



KESSLER+CO前桥



DANA变矩器



DANA双联泵

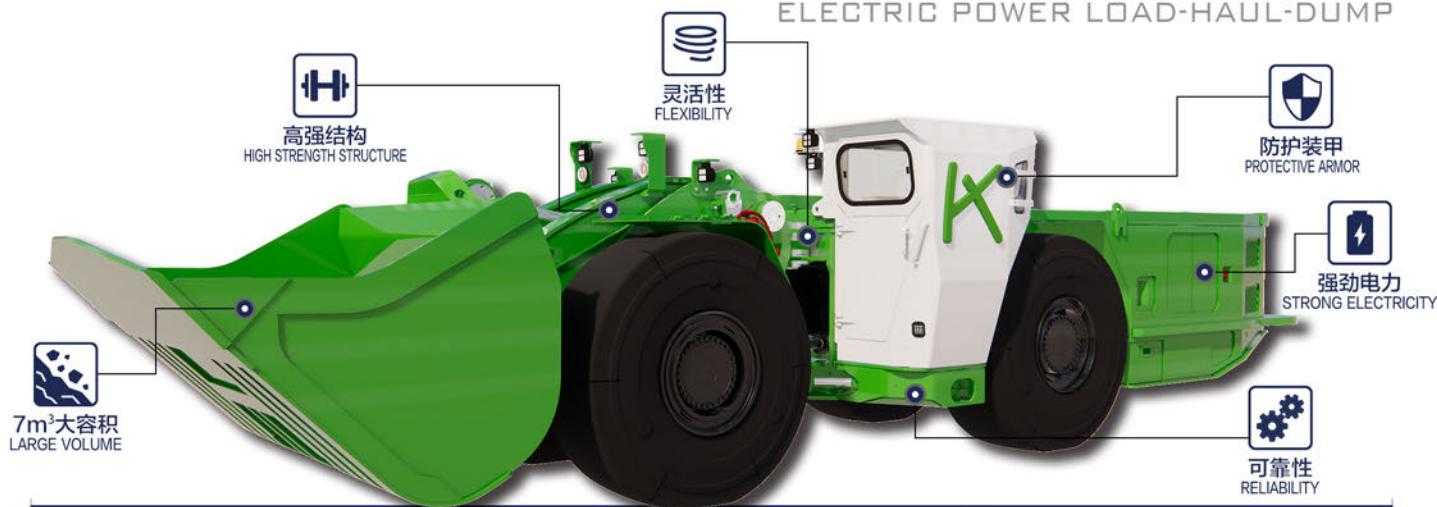


DANA变速箱



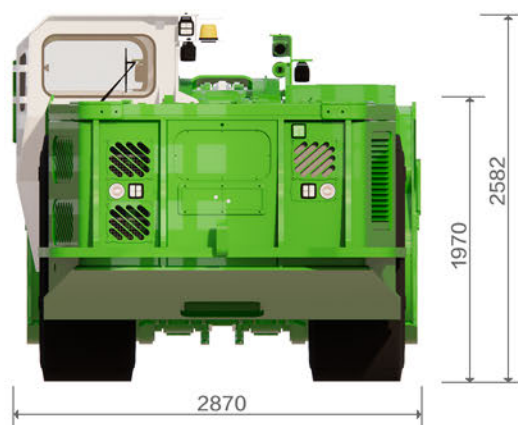
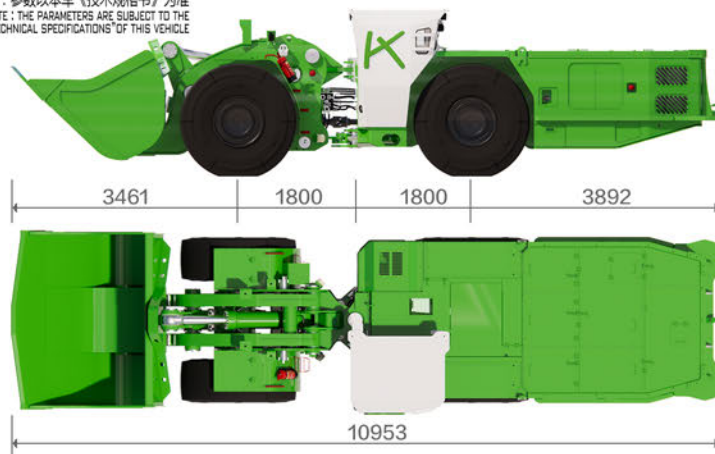
KAT615EV 地下电动铲运机

ELECTRIC POWER LOAD-HAUL-DUMP

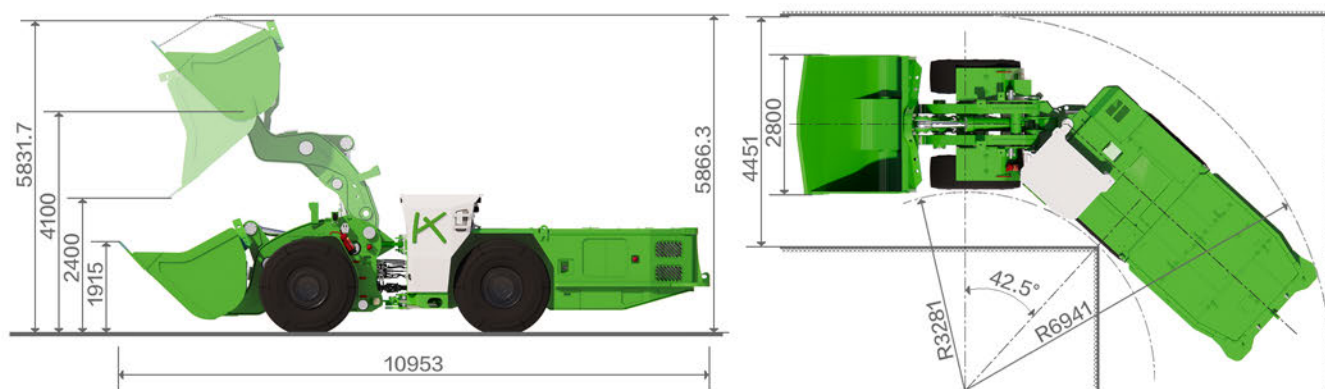


项目 Items	参数 Parameter
铲斗容积 Tramming	7 m ³
额定载重量 Tramming capacity	15000 kg
最大牵引力 Maximum traction	320 kN
最大铲取力 Maximum breakout fore	≥280 kN
最小离地间隙 Ground clearance	395 mm
最大举升高度 Raising position height max	5265 mm
最大卸载高度 Dump position height max	≥2800 mm
最小卸载距离 Dump position height min	≥1585 mm
离去角 Departure angle	12.5°
转向角 Steering angle	±42.5°
爬坡能力 (重载) Ability to climb (heavy load)	≥13°
装备质量 Vehicle weight	42000 kg
铲斗卸载时间 Dumping time	2.5 s
大臂工作时间 Boom work efficiency	举升时间 Raising time: 7 s 下降时间 Lowing time: 3.5 s

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



电池容量 Battery capacity	343 kWh
电机功率 Electromotor power	320/110/15 kW
外形尺寸 (长*宽*高) Dimensions (L* W* H)	10953*2870*2582 mm
最小转弯半径 Minimum turning radius	内侧 Inner: 3281 mm 外侧 Outer: 6941 mm
液压系统 Hydraulic system	工作压力 Working pressure: 320 bar
行驶速度 Speeds forward	一档 1st gear: 4.0 km/h 二档 2st gear: 7.5 km/h 三档 3st gear: 13.0 km/h 四档 4st gear: 25.0 km/h
项目 Items	参数 Parameter



世界知名电动机



KESSLER+CO前桥



KESSLER+CO后桥



DANA变速箱

KING ANT 铰接式运矿车系列

UNDERGROUND DUMP TRUCK SERIES

选装功能组件

OPTIONAL FUNCTIONAL MODULES



35t 货箱
SMALL CARGO



45t 货箱
MEDIUM CARGO



55t 货箱
LARGE CARGO



电池动力
BATTERY POWER



高原动力
HIGH-ALTITUDE POWER



远程智能
REMOTE INTELLIGENCE

涂装企业化定制

CUSTOMIZED COATING FOR ENTERPRISES

该系列铰接式运矿车是以柴油机或电动机为原动力，采用液压传动、铰接式车架、胶轮行走、后装倾卸式的装载设备。底盘包含有动力系统、传动系统、驾驶室；动力系统由发动机、电池、进排气系统、散热器等组成；传动系统由液力变矩器、变速箱、传动轴、前后驱动桥和防爆轮胎等组成。各功能及零部件引进吸收国际先进技术，

整车质量上乘，可靠性高、动力性强、舒适度好，便于维护保养，可选装各种吨位及动力功能模块。

This series of underground dump truck is a loading equipment that uses diesel engines or electric motors as the driving force, adopts hydraulic transmission, articulated frame, rubber wheel walking, and rear loading and unloading. The chassis includes a power system, transmission system, and cab; The power system consists of the engine, battery, intake and exhaust system, radiator, etc; The transmission system consists of a hydraulic torque converter, gearbox, transmission shaft, front and rear drive axles, and explosion-proof tires. The introduction and absorption of international advanced technology in various functions and components result in superior vehicle quality, high reliability, strong power, good comfort, and easy maintenance. Various tonnage and power function modules can be optionally installed.

30t 铰接式运矿车规格 UNDERGROUND DUMP TRUCK TYPES

金安拓制造
KING ANT MANUFACTURING

KATUK35 铰接式**内燃**运矿车 UNDERGROUND DUMP TRUCK

BACKGROUND



KATUK30EV 铰接式**电动**运矿车 BATTERY-ELECTRIC DUMP TRUCK

BACKGROUND

KATUK35和KATUK30EV是以柴油机或电动机为原动机，采用液力传动、铰接式车架，轮胎行走的装载设备。这是一种通用性很强的土石方运输机械，由于结构的特殊性，它能适应恶劣的气候、极差的地形以及高可用性。主要用于矿山井下，以运输爆破后的松散物料为主。也可用于铁路、公路以及水利等隧道工程，特别适合于工作条件恶劣，作业现场狭窄、低矮以及泥泞的作业面。

KATUK35 and KATUK30EV are powered by diesel engines or electric motors, hydraulic transmission, articulated frame, and tire walking. This is a highly versatile earthmoving machinery that can adapt to harsh climates, extremely poor terrain, and high availability due to its unique structure. Mainly used underground in mines to transport loose materials after blasting. It can also be used in tunnel projects such as railways, highways, and water conservancy, especially suitable for harsh working conditions, narrow, low, and muddy work surfaces on the job site.

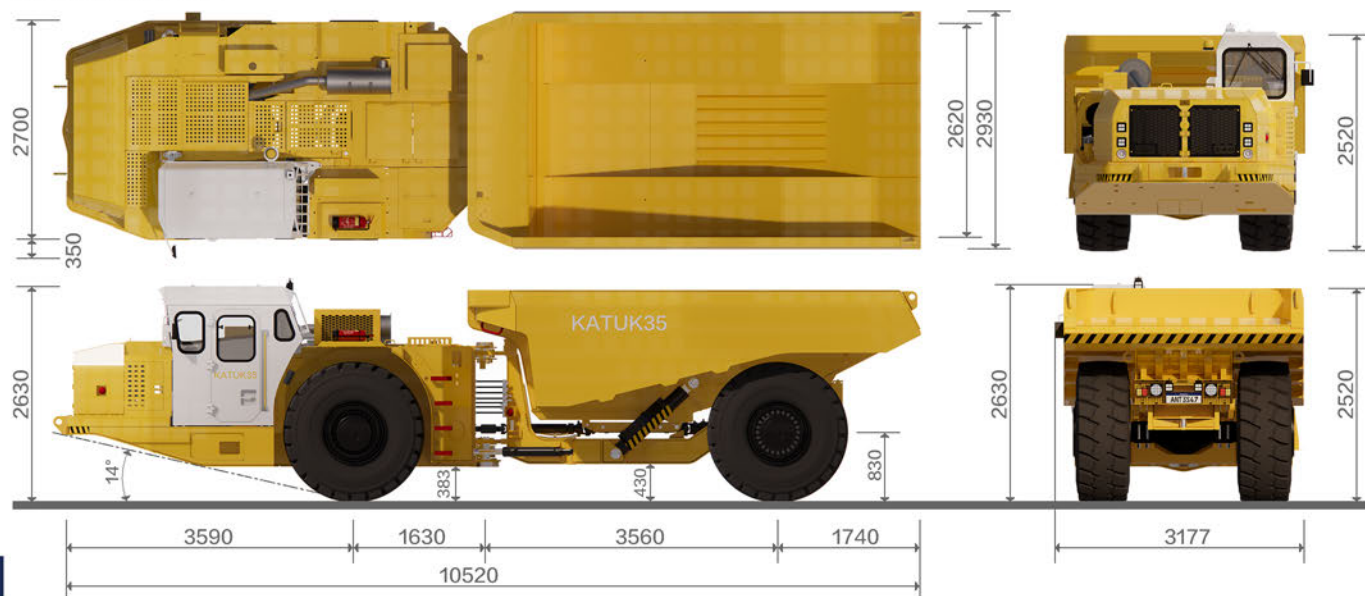
KATUK35 铰接式内燃运矿车

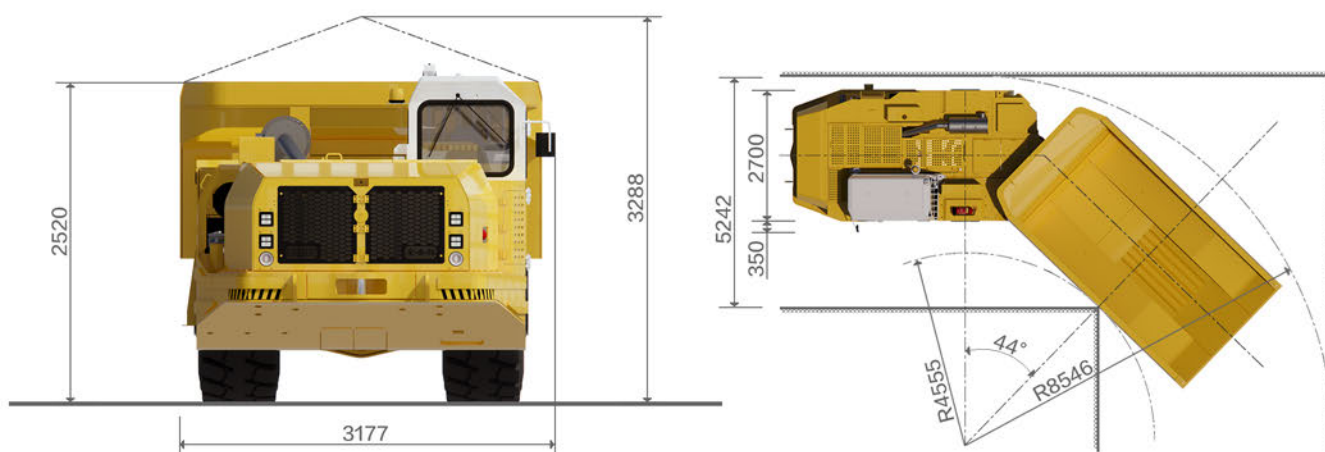
UNDERGROUND DUMP TRUCK



项目 Items	参数 Parameter
车箱容积 Standard container	18.0 m ³
额定载重量 Tramming capacity	35000 kg
最大牵引力 Maximum traction	184 kN
工作流量 Flow	150 L/min
工作压力 Pressure	220 bar
最小离地间隙 Ground clearance	380 mm
接近角 Angle of incidence	14°
爬坡能力 (重载) Ability to climb (heavy load)	14°
车箱提升时间 Raising time	17 s
车箱下降时间 Lowering time	13 s
车箱倾翻高度 Dump position height max	5550 mm
最大功率 Output	345kW/1900rpm
装备质量 Vehicle weight	30000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	10520*3050*2630 mm
行驶速度 Speeds forward	一档 1st gear: 5.0 km/h 二档 2st gear: 10.0 km/h 三档 3st gear: 20.0 km/h 四档 4st gear: 36.0 km/h
最小转弯半径 Minimum turning radius	内侧 Inner: 4555 mm 外侧 Outer: 8546 mm

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





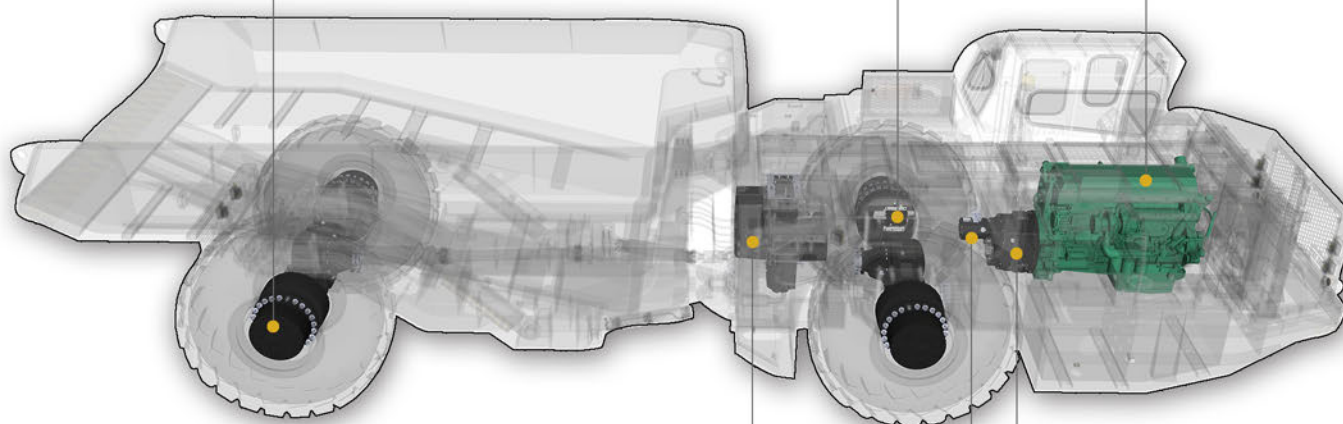
KESSLER+CO前后车桥



PARKER主阀



VOLVO发动机



DANA变速箱



PARKER主泵



DANA变矩器

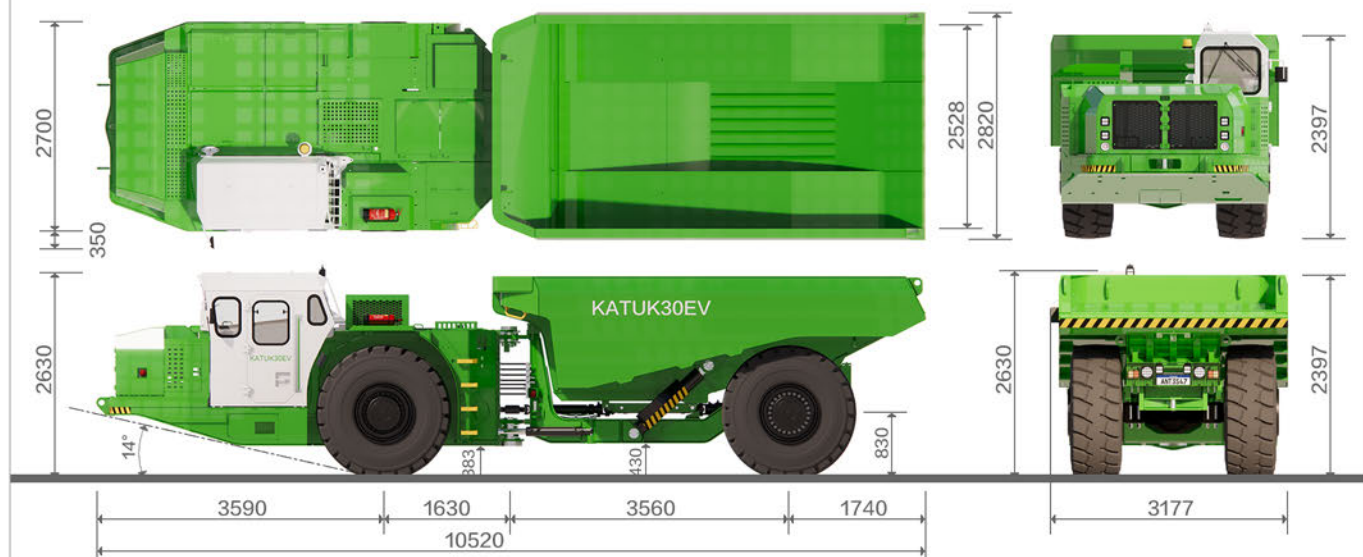
KATUK30EV 铰接式电动运矿车

BATTERY-ELECTRIC DUMP TRUCK

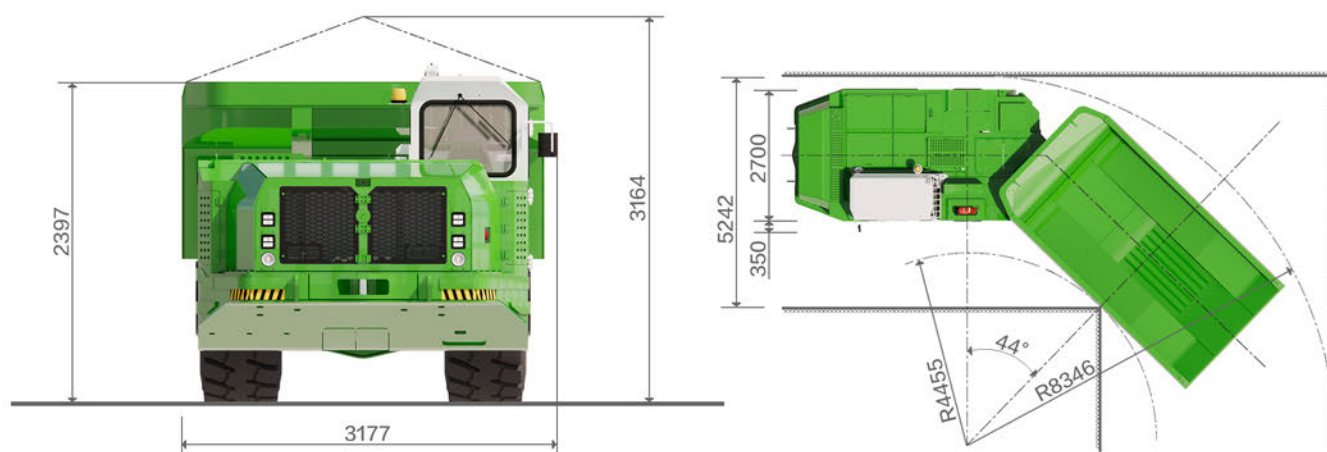


注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE

项目 Items	参数 Parameter
车箱容积 Standard container	15.4 m ³
额定载重量 Trammng capacity	30000 kg
最大牵引力 Maximum traction	184 kN
工作流量 Flow	150 L/min
工作压力 Pressure	220 bar
最小离地间隙 Ground clearance	380 mm
接近角 Angle of incidence	14°
爬坡能力 (重载) Ability to climb (heavy load)	14°
车箱提升时间 Raising time	17 s
车箱下降时间 Lowing time	13 s
车箱倾翻高度 Dump position height max	5273 mm
最大功率 Output	556 kW
装备质量 Vehicle weight	34000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	10520*2820*2630 mm



电池容量 Battery capacity	343 kWh
电机功率 Electromotor power	480/60/15 kW
最小转弯半径 Minimum turning radius	内侧 Inner: 4555 mm 外侧 Outer: 8346 mm
行驶速度 Speeds forward	一档 1st gear: 5.0 km/h 二档 2st gear: 10.0 km/h 三档 3st gear: 20.0 km/h 四档 4st gear: 36.0 km/h



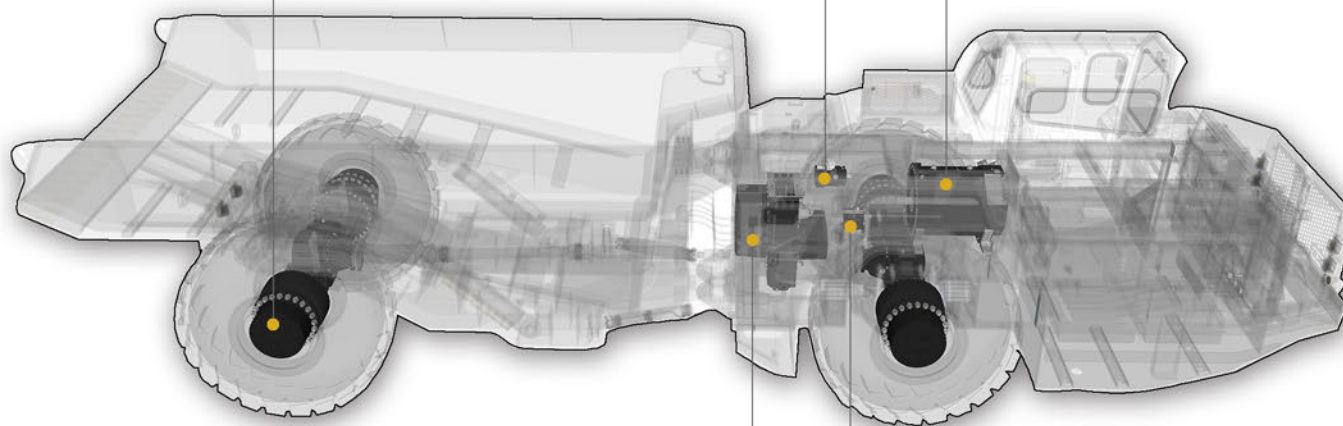
KESSLER+CO前后车桥



PARKER主泵



DANFOSS电动机



DANA变速箱



PARKER主阀

40t 铰接式运矿车规格 UNDERGROUND DUMP TRUCK TYPES

金安拓制造
KING ANT MANUFACTURING

KATUK40EV 铰接式**电动**运矿车 BATTERY-ELECTRIC DUMP TRUCK

BACKGROUND

KATUK45 铰接式**内燃**运矿车 UNDERGROUND DUMP TRUCK

BACKGROUND

KATUK45和KATUK40EV是以柴油机或电动机为原动机，采用液力传动、铰接式车架，轮胎行走的装载设备。这是一种通用性很强的土石方运输机械，由于结构的特殊性，它能适应恶劣的气候、极差的地形以及高可用性。主要用于矿山井下，以运输爆破后的松散物料为主。也可用于铁路、公路以及水利等隧道工程，特别适合于工作条件恶劣，作业现场狭窄、低矮以及泥泞的作业面。

KATUK45 and KATUK40EV are powered by diesel engines or electric motors, hydraulic transmission, articulated frame, and tire walking. This is a highly versatile earthmoving machinery that can adapt to harsh climates, extremely poor terrain, and high availability due to its unique structure. Mainly used underground in mines to transport loose materials after blasting. It can also be used in tunnel projects such as railways, highways, and water conservancy, especially suitable for harsh working conditions, narrow, low, and muddy work surfaces on the job site.

KATUK45 铰接式内燃运矿车

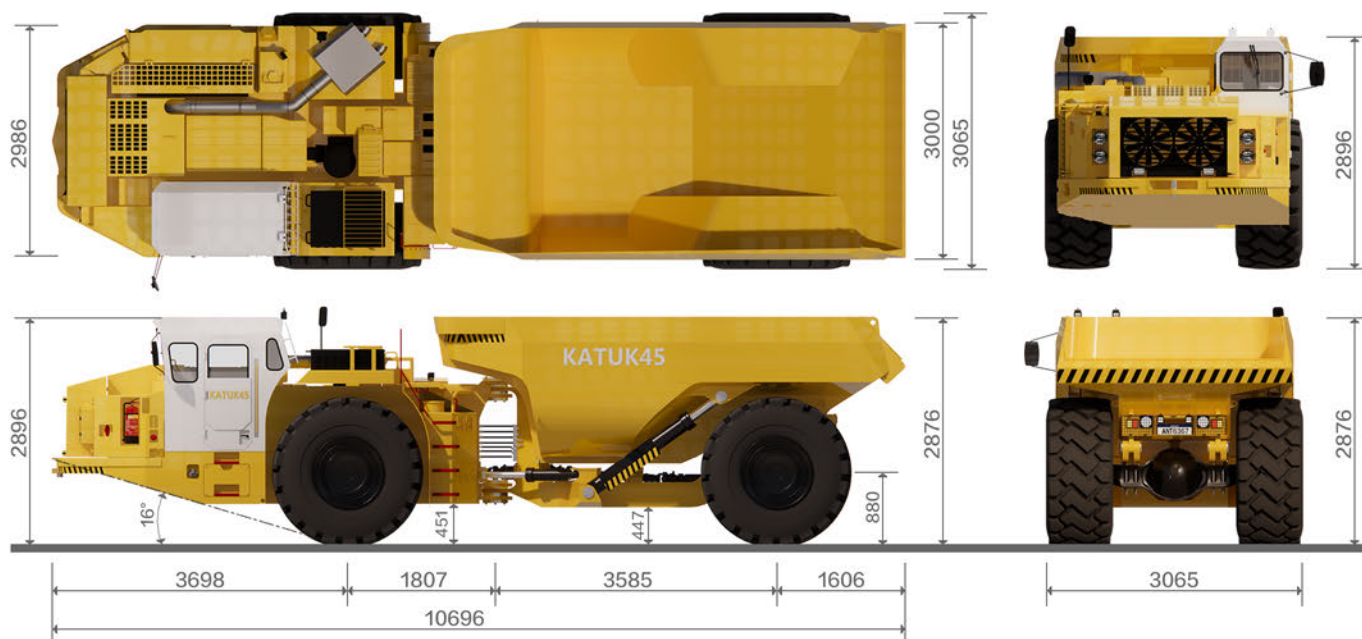
UNDERGROUND DUMP TRUCK

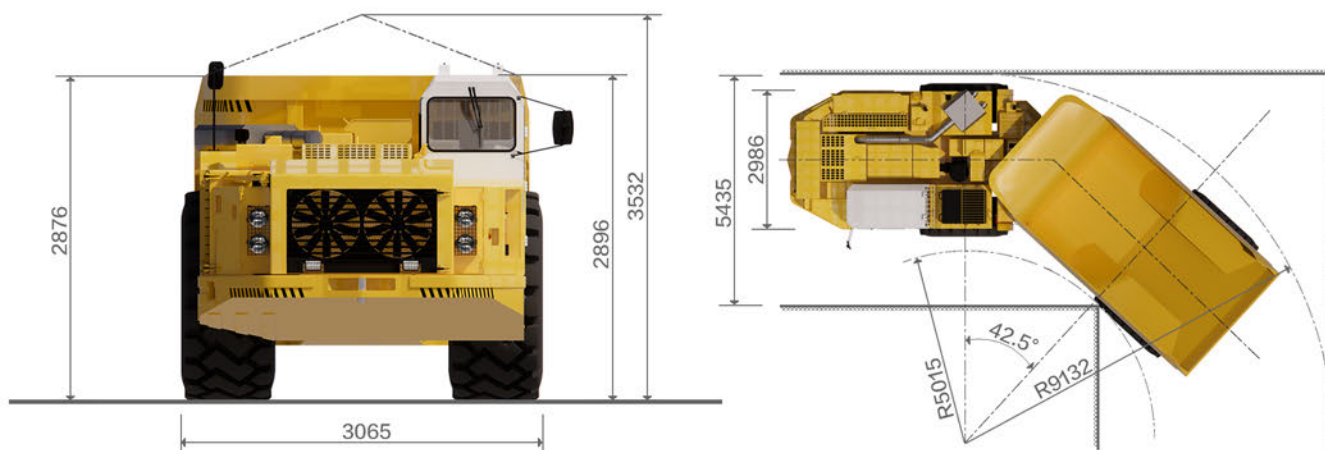
产品特点
PRODUCT FEATURES



项目 Items	参数 Parameter
车箱容积 Standard container	22.0 m ³
额定载重量 Trammig capacity	45000 kg
最大牵引力 Maximum traction	184 kN
工作流量 Flow	290 L/min
工作压力 Pressure	270 bar
最小离地间隙 Ground clearance	447 mm
接近角 Angle of incidence	16°
爬坡能力 (重载) Ability to climb (heavy load)	16°
车箱倾翻高度 Dump position height max	6105 mm
最大功率 Output	450kW/1800rpm
装备质量 Vehicle weight	36000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	10696*3065*2896 mm
行驶速度 Speeds forward	一档 1st gear: 4.8 km/h 三挡 3st gear: 8.6 km/h 五挡 5st gear: 15.0 km/h 八挡 8st gear: 35.8 km/h
最小转弯半径 Minimum turning radius	内侧 Inner: 5015 mm 外侧 Outer: 9132 mm

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE "TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





KESSLER+CO前后车桥



PARKER主阀



VOLVO发动机



DANA变速箱



PARKER主泵



DANA变矩器

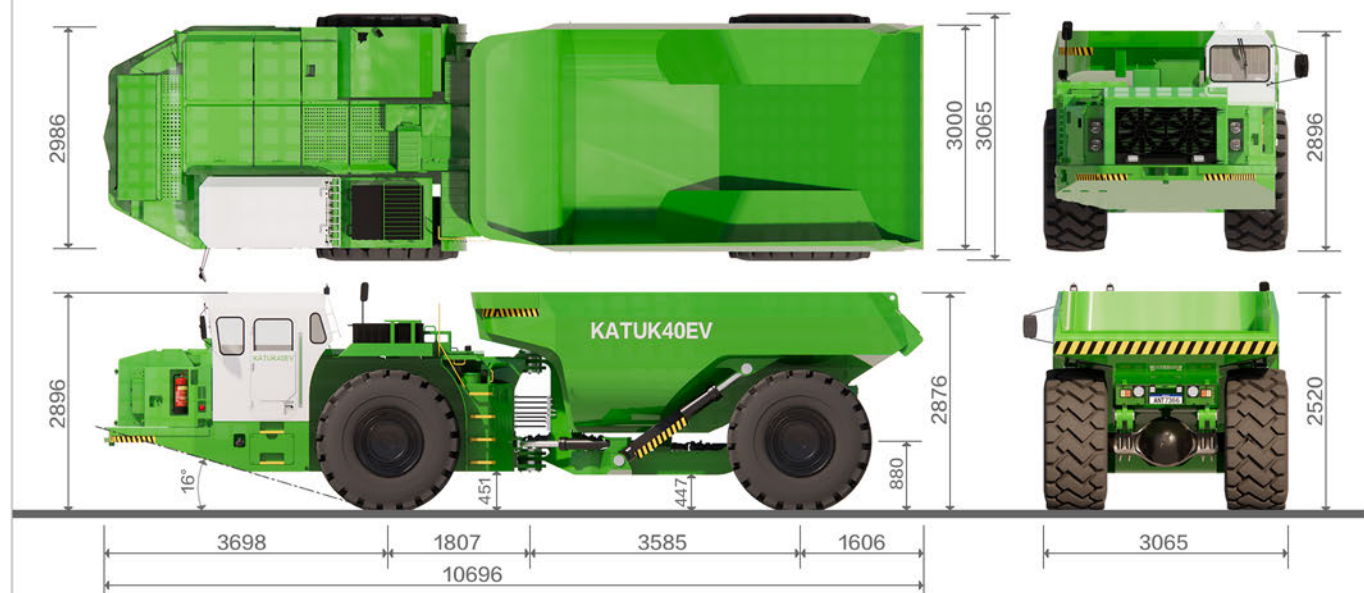
KATUK40EV 铰接式电动运矿车

BATTERY-ELECTRIC DUMP TRUCK

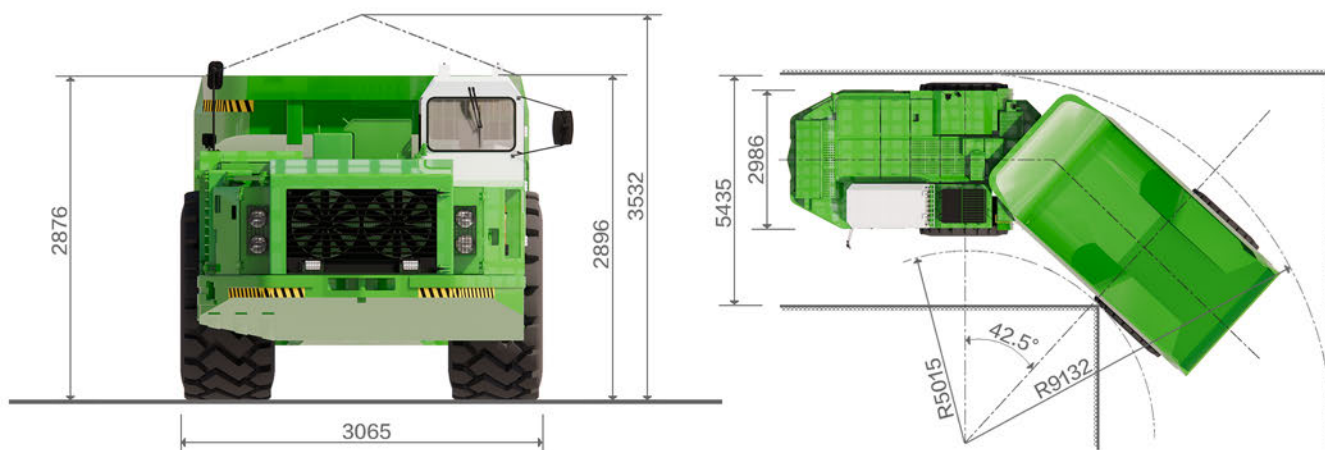
产品特点
PRODUCT FEATURES



项目 Items	参数 Parameter
车箱容积 Standard container	19.8 m ³
额定载重量 Tramming capacity	40000 kg
最大牵引力 Maximum traction	184 kN
工作流量 Flow	290 L/min
工作压力 Pressure	270 bar
最小离地间隙 Ground clearance	447 mm
接近角 Angle of incidence	16°
爬坡能力 (重载) Ability to climb (heavy load)	16°
车箱倾翻高度 Dump position height max	6105 mm
最大功率 Output	450 kW
装备质量 Vehicle weight	36000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	10696*3065*2896 mm



电池容量 Battery capacity	455 kWh
电机功率 Electromotor power	640/80/15 kW
最小转弯半径 Minimum turning radius	内侧 Inner: 5015 mm 外侧 Outer: 9132 mm
行驶速度 Speeds forward	一档 1st gear: 4.8 km/h 三档 3st gear: 8.6 km/h 五档 5st gear: 15.0 km/h 八档 8st gear: 35.8 km/h
项目 Items	参数 Parameter



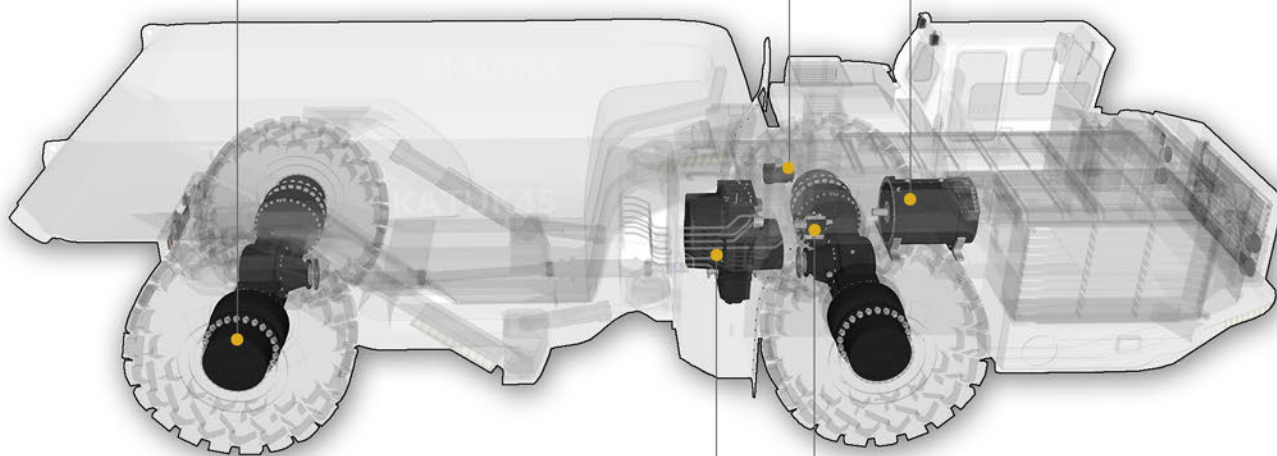
KESSLER+CO前后车桥



PARKER主泵



DANFOSS电动机



DANA变速箱



PARKER主阀

50t 铰接式运矿车规格 UNDERGROUND DUMP TRUCK TYPES

金安拓制造
KING ANT MANUFACTURING

KATUK50 铰接式**内燃**运矿车 UNDERGROUND DUMP TRUCK

BACKGROUND



KATUK50EV 铰接式**电动**运矿车 BATTERY-ELECTRIC DUMP TRUCK

BACKGROUND

KATUK55和KATUK50EV是以柴油机或电动机为原动机，采用液力传动、铰接式车架，轮胎行走的装载设备。这是一种通用性很强的土石方运输机械，由于结构的特殊性，它能适应恶劣的气候、极差的地形以及高可用性。主要用于矿山井下，以运输爆破后的松散物料为主。也可用于铁路、公路以及水利等隧道工程，特别适合于工作条件恶劣，作业现场狭窄、低矮以及泥泞的作业面。

KATUK55 and KATUK50EV are powered by diesel engines or electric motors, hydraulic transmission, articulated frame, and tire walking. This is a highly versatile earthmoving machinery that can adapt to harsh climates, extremely poor terrain, and high availability due to its unique structure. Mainly used underground in mines to transport loose materials after blasting. It can also be used in tunnel projects such as railways, highways, and water conservancy, especially suitable for harsh working conditions, narrow, low, and muddy work surfaces on the job site.

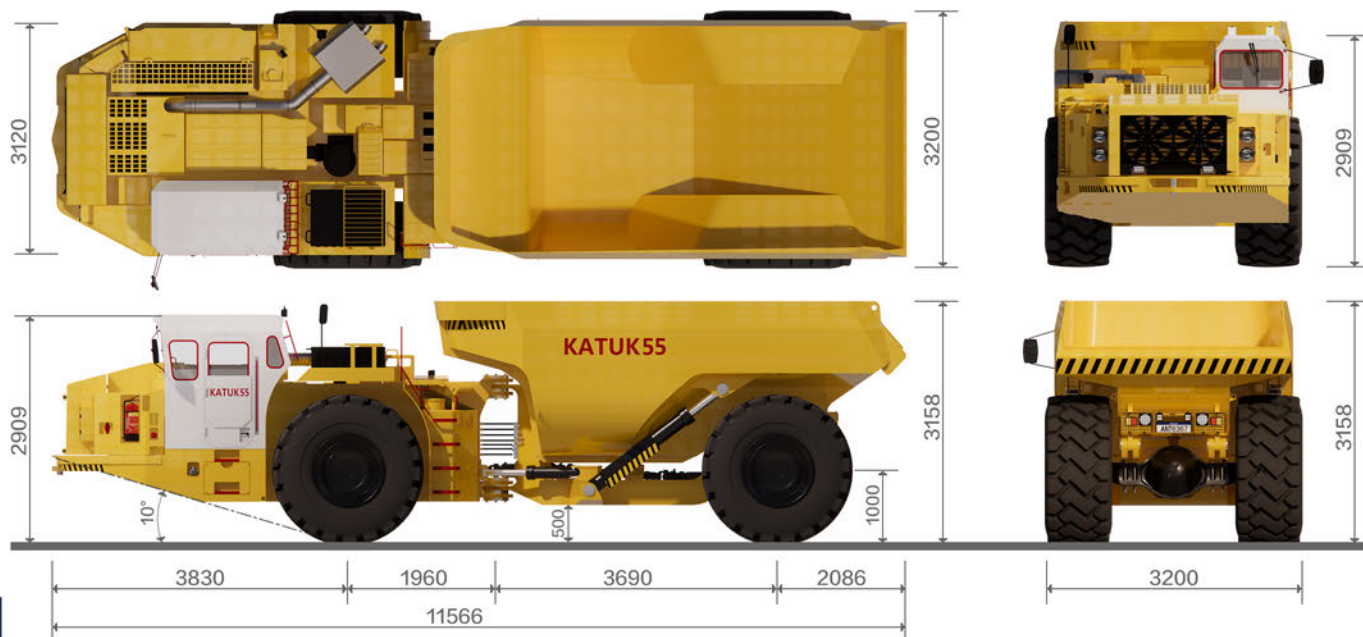
KATUK55 铰接式内燃运矿车

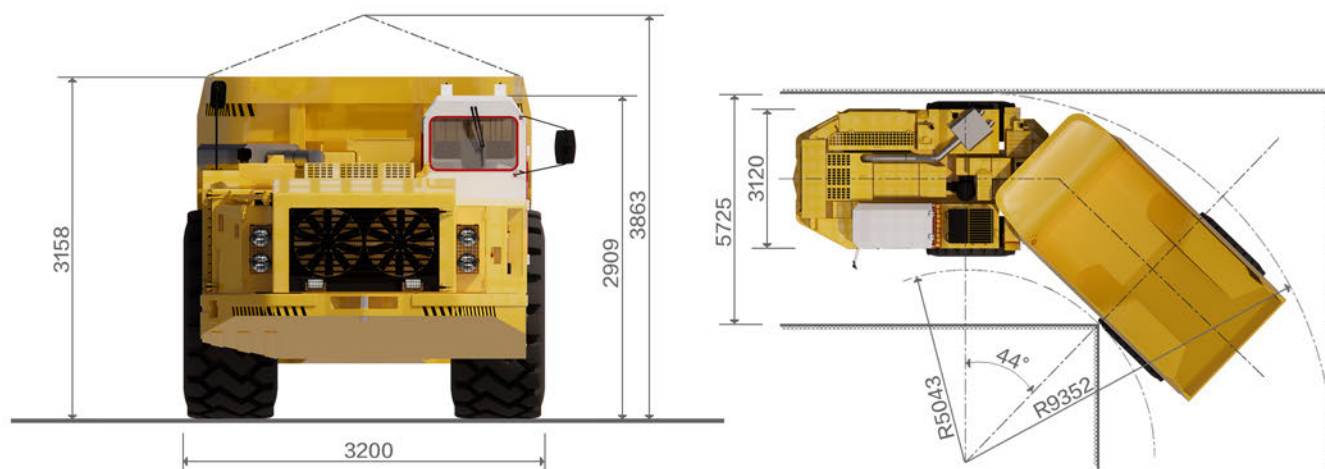
UNDERGROUND DUMP TRUCK



项目 Items	参数 Parameter
车箱容积 Standard container	28.0 m ³
额定载重量 Trammng capacity	55000 kg
最大牵引力 Maximum traction	230 kN
卸料时间 Unloading time	14 s
倾卸角 Dumping angle	62°
最小离地间隙 Ground clearance	500 mm
接近角 Angle of incidence	10°
爬坡能力 (重载) Ability to climb (heavy load)	10°
车箱倾翻高度 Dump position height max	6869 mm
最大功率 Output	515kW/1800rpm
装备质量 Vehicle weight	41000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	11570*3200*3160 mm
行驶速度 Speeds forward	一档 1st gear: 4.8 km/h 三挡 3st gear: 8.6 km/h 五挡 5st gear: 15.0 km/h 八挡 8st gear: 35.8 km/h
最小转弯半径 Minimum turning radius	内侧 Inner: 5043 mm 外侧 Outer: 9352 mm

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





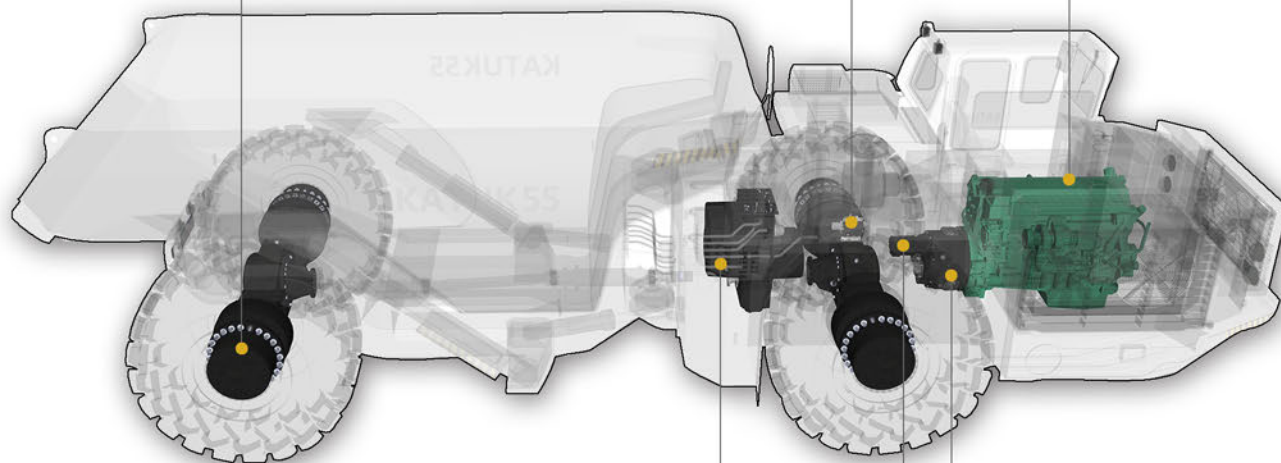
KESSLER+CO前后车桥



PARKER主阀



VOLVO发动机



DANA变速箱



PARKER主泵



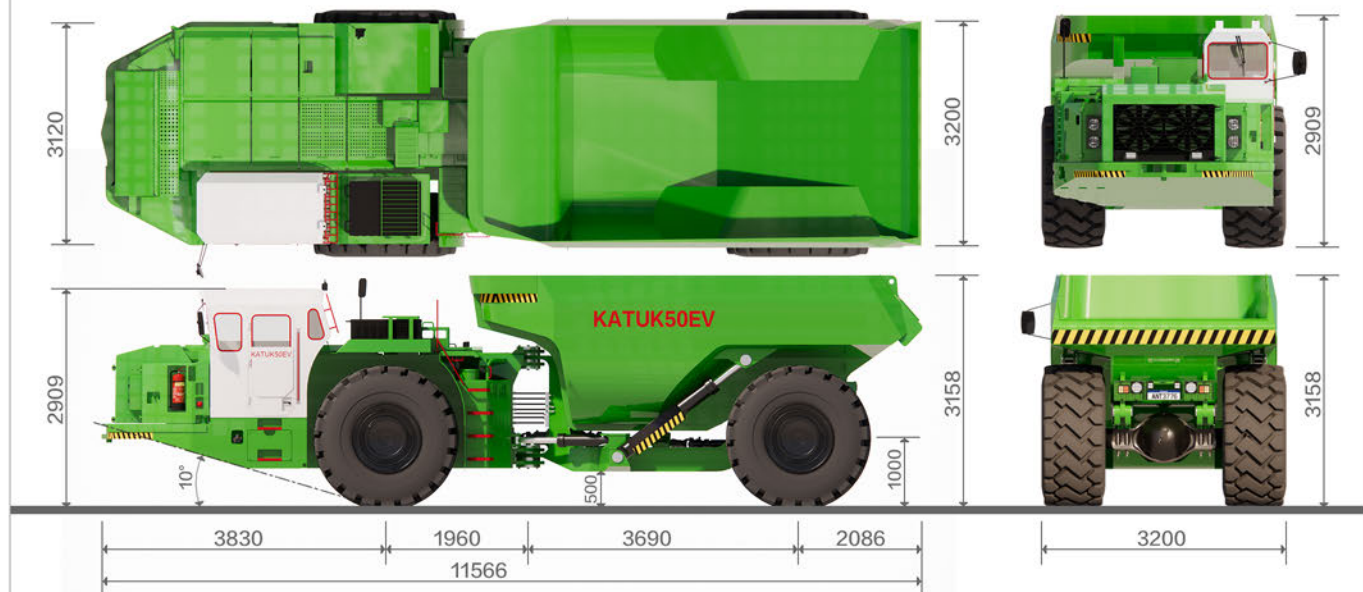
DANA变矩器

KATUK50EV 铰接式电动运矿车

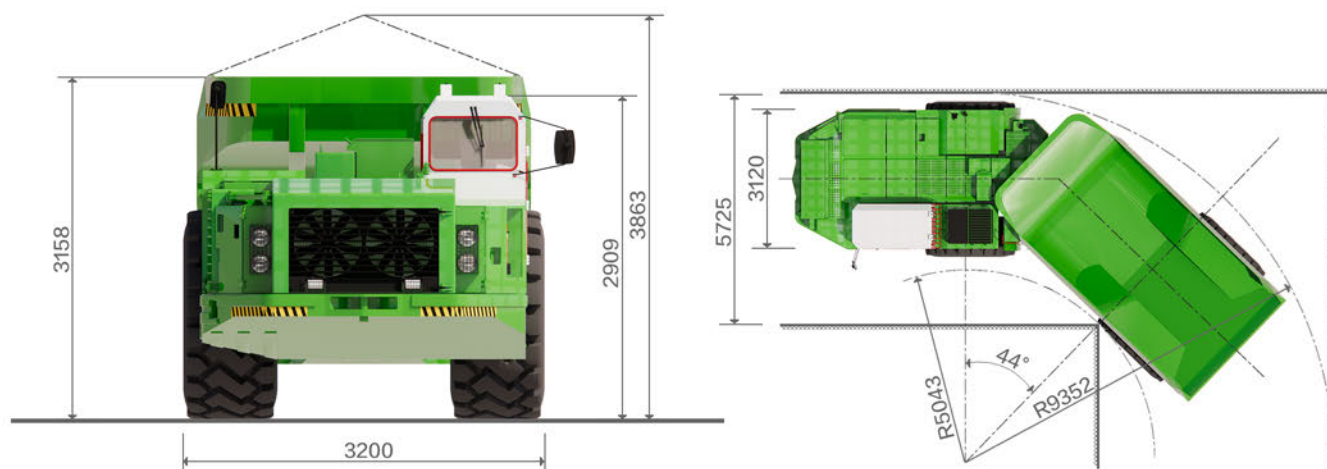
BATTERY-ELECTRIC DUMP TRUCK



项目 Items	参数 Parameter
车箱容积 Standard container	25.0 m ³
额定载重量 Trammng capacity	50000 kg
最大牵引力 Maximum traction	230 kN
卸料时间 Unloading time	14 S
倾卸角 Dumping angle	62°
最小离地间隙 Ground clearance	500 mm
接近角 Angle of incidence	10°
爬坡能力 (重载) Ability to climb (heavy load)	10°
车箱倾翻高度 Dump position height max	6869 mm
最大功率 Output	515 kW
装备质量 Vehicle weight	41000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	11570*3200*3160 mm



电池容量 Battery capacity	572 kWh
电机功率 Electromotor power	800/100/15 kW
最小转弯半径 Minimum turning radius	内侧 Inner: 5043 mm 外侧 Outer: 9352 mm
行驶速度 Speeds forward	一档 1st gear: 4.8 km/h 三挡 3st gear: 8.6 km/h 五挡 5st gear: 15.0 km/h 八挡 8st gear: 35.8 km/h



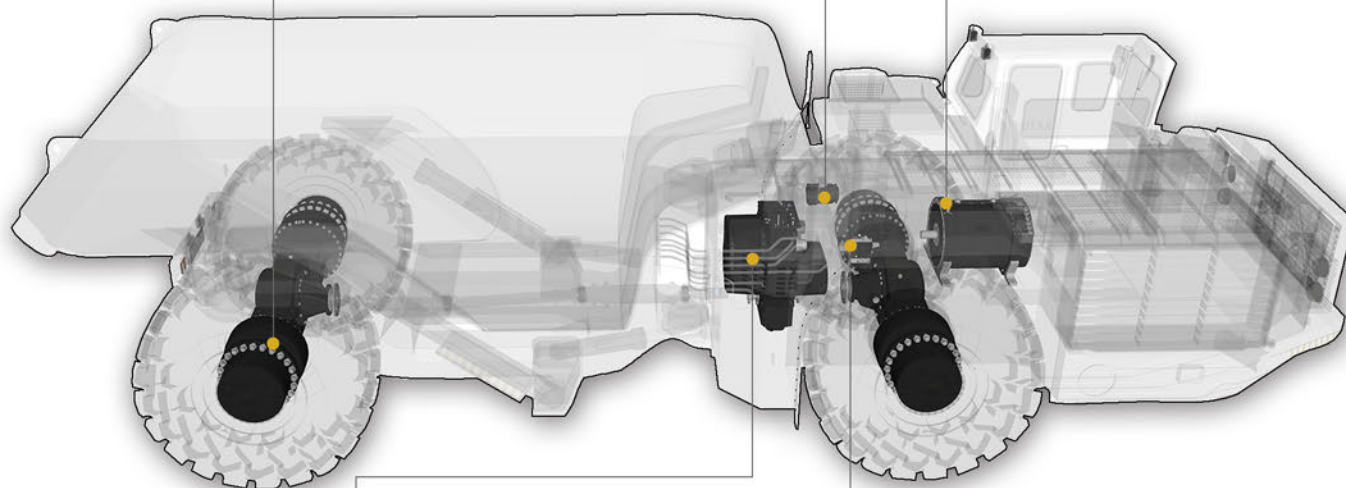
KESSLER+CO前后车桥



PARKER主泵



DANFOSS电动机



DANA变速箱



PARKER主阀

KING ANT 4t静液压底盘系列

4 TON STATIC HYDRAULIC CHASSIS SERIES

选装功能组件

OPTIONAL FUNCTIONAL MODULES



人员输送
PERSONNEL TRANSPORT



医疗救护
FIRST AID



材料运输
MATERIAL TRANSPORT



检查维修
MAINTAINER



电池动力
BATTERY POWER



远程智能
REMOTE INTELLIGENCE

涂装企业化定制

CUSTOMIZED COATING FOR ENTERPRISES

该系列采用新型优质4t静液压底盘，底盘包含有动力系统、传动系统、驾驶室；动力系统由发动机、进排气系统、散热器等组成；传动系统由闭式柱塞泵、行走马达、变速箱、传动轴、前后驱动桥和防爆轮胎等组成。各功能及零部件引进吸收国际先进技术，整车质量上乘，可靠性高、动力性强、舒适度好，便于维护保养，可灵活安装各种功能模块。

This series adopts a new high-quality 4t static hydraulic chassis, which includes a power system, transmission system, and cab; The power system consists of the engine, intake and exhaust system, radiator, etc; The transmission system consists of a closed piston pump, a walking motor, a gearbox, a transmission shaft, front and rear drive axles, and explosion-proof tires. The introduction and absorption of international advanced technology in various functions and components result in superior vehicle quality, high reliability, strong power, good comfort, easy maintenance, and flexible installation of various functional modules.

KATRU9 地下无轨运人车

UNDERGROUND PERSONNEL TRANSPORTATION VEHICLE

BACKGROUND



KATRU-9 地下无轨运人车是针对地下矿山而研发的专用车型，主要用于井下人员的运输。车身采用整体式骨架皮实耐用，易于操控，维修费用低，安全性能出众。该车为加强型整车底盘，四轮驱动，使车辆能够在恶劣的环境中平稳驾驭。车桥采用全封闭式湿式弹簧制动器，在多尘土、多泥水、湿热等恶劣环境和连续长时间制动等复杂工况下，制动性能稳定、可靠。

The KATRU-9 underground personnel transportation vehicle is a specialized vehicle developed for underground mines, mainly used for personnel underground. The car body adopts an integral skeleton, which is sturdy, durable, easy to operate, has low maintenance costs, and outstanding safety performance. This car is a reinforced chassis with four-wheel drive, allowing the vehicle to ride smoothly in harsh environments. The axle adopts a fully enclosed wet spring brake, which provides stable and reliable braking performance in harsh environments such as dust, mud, and humid heat, as well as complex working conditions such as continuous long-term braking.



项目 Items	参数 Parameter
额定质量 : Vehicle weight	4300 kg
最小离地间隙 : Ground clearance	≥240 mm
最小转弯半径 (外侧) : Minimum turning radius (outer side)	≤7000 mm
爬坡能力 : Ability to climb	≤20° (适用坡度 : Applicable slope: ±14°)
柴油机功率 : Diesel engine power	92 kW
外形尺寸 (长*宽*高) : Dimensions (L* W* H)	5350*1800*2250 (±100) mm
轴距 : Wheelbase	2980 mm
轮距 : Track width	1540 mm
警铃 : Alarm bell	喇叭 : Horn
操纵系统 : Control system	电控手柄换挡 : Shift of horn electrol hdlc
转向系统 : Steering	全液压转向 : Full hydraulic steering
消防装置 : Fire services ingstallontgs	干粉灭火器 : Fire services installations
载客量 : Passenger capacity	9-10人 : people
驻车制动 : Parking braking	弹簧制动液压释放 : Spring brake hydraulic release
行车制动 : Brake	全封闭式湿式制动, 液压制动弹簧释放 Fully enclosed wet braking with hydraulic brake spring release
行驶速度 : Speed	低速Ⅰ挡 : Low speed I : 6±0.5 km/h 高速Ⅰ挡 : High speed I : 12±1 km/h 低速Ⅱ挡 : Low speed II : 20±1.5 km/h 高速Ⅱ挡 : High speed II : 38±2 km/h 倒挡 : Recerse: 6.0±0.5 km/h

注: 参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



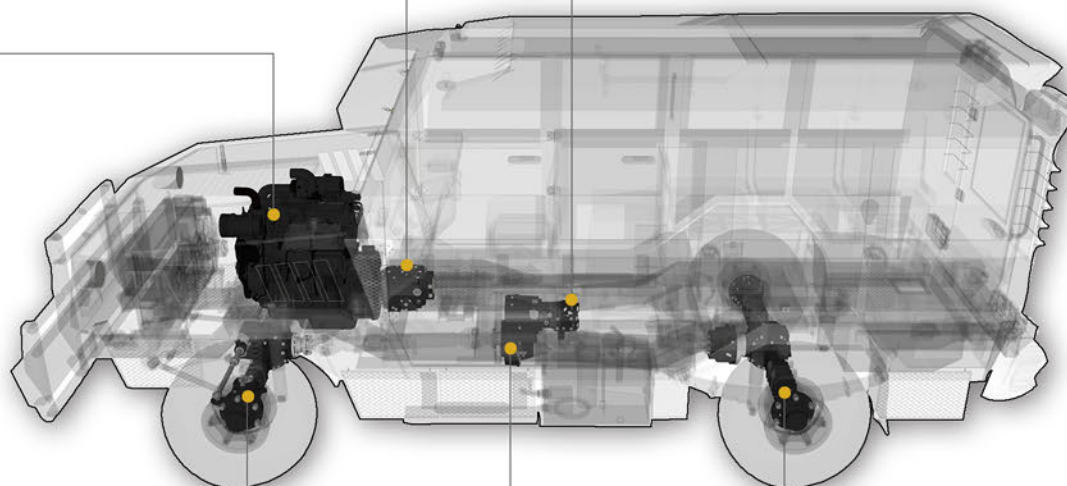
玉柴发动机



DANFOSS闭式柱塞泵



DANFOSS行走马达



COMER前桥



COMER变速箱



COMER后桥

KING ANT 10t静液压底盘系列

10 TON STATIC HYDRAULIC CHASSIS SERIES

选装功能组件

OPTIONAL FUNCTIONAL MODULES



2m³ 水泥罐
CEMENT TANK



2t 随车吊
MOUNTED CRANE



举升平台
LIFTING PLATFORM



炸药运输
EXPLOSIVE



电池动力
BATTERY POWER



远程智能
REMOTE INTELLIGENCE

涂装企业化定制

CUSTOMIZED COATING FOR ENTERPRISES

该系列采用新型优质10t静液压底盘，底盘包含有动力系统、传动系统、驾驶室；动力系统由发动机、进排气系统、散热器等组成；传动系统由闭式柱塞泵、行走马达、变速箱、传动轴、前后驱动桥和防爆轮胎等组成。各功能及零部件引进吸收国际先进技术，整车质量上乘，可靠性高、动力性强、舒适度好，便于维护保养，可灵活安装各种功能模块。

This series adopts a new high-quality 10t static hydraulic chassis, which includes a power system, transmission system, and cab; The power system consists of the engine, intake and exhaust system, radiator, etc; The transmission system consists of a closed piston pump, a walking motor, a gearbox, a transmission shaft, front and rear drive axles, and explosion-proof tires. The introduction and absorption of international advanced technology in various functions and components result in superior vehicle quality, high reliability, strong power, good comfort, easy maintenance, and flexible installation of various functional modules.

KATG102 矿用混凝土搅拌车

UNDERGROUND CONCRETE-MIXER TRUCK

BACKGROUND



KATG102 矿用混凝土搅拌运输车，是针对地下矿山而研发的专用车型，主要用于井下运输搅拌混凝土，支持掘进后的巷道支护作业。该车采用新型优质静液压底盘，上装部分引进吸收国际先进技术，性能优越皮实耐用，易于操控，维修费用低，安全性能出众，在多尘土、多泥水、湿热等恶劣环境和连续长时间制动等复杂工况下，制动性能稳定、可靠。

KATG102 underground concrete-mixer truck is a specialized vehicle developed for underground mines, mainly used for underground transportation of mixed concrete to support tunnel support operations after excavation. The car adopts a new type of high-quality static hydraulic chassis, with the upper part absorbing international advanced technology. It has superior performance, durability, easy handling, low maintenance costs, and outstanding safety performance in harsh environments such as dust, mud, and humidity, as well as complex working conditions such as continuous long-term braking, the braking performance is stable and reliable.



项目 Items	参数 Parameter
搅拌筒有效容积 Effective volume	2.0 m ³
进料速度 Feed speed	≥3 m ³ /min
出料速度 Discharge speed	≥2 m ³ /min
搅拌速度 Stirring speed	0-13 r/min
出料残余率 Residual discharge rate	≤0.5 %
接近角和离去角 Approach angle and departure angle	27°、15°
爬坡能力 Gradeability	≥14°
最小转弯半径（内侧） Minimum turning radius (inner side)	3750 mm
最小转弯半径（外侧） Minimum turning radius (outer side)	7500 mm
离地间隙 Ground clearance	≥250 mm
发动机功率 Engine power	77 kW
外形尺寸（长*宽*高） Dimensions (L* W* H)	6305*1860*2518 mm
装备质量 Vehicle weight	6340 kg
倒车速度 Reverse speed	6.0 km/h
尾气排放 Exhaust emissions	国三标准，三元催化净化器 National III standard, Three-way catalytic purifier
行驶速度 Speed	低速Ⅰ挡 Low speed I : 6.0 km/h 低速Ⅱ挡 High speed I : 17.0 km/h 高速Ⅰ挡 Low speed II : 12.0 km/h 高速Ⅱ挡 High speed II : 28.0 km/h

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



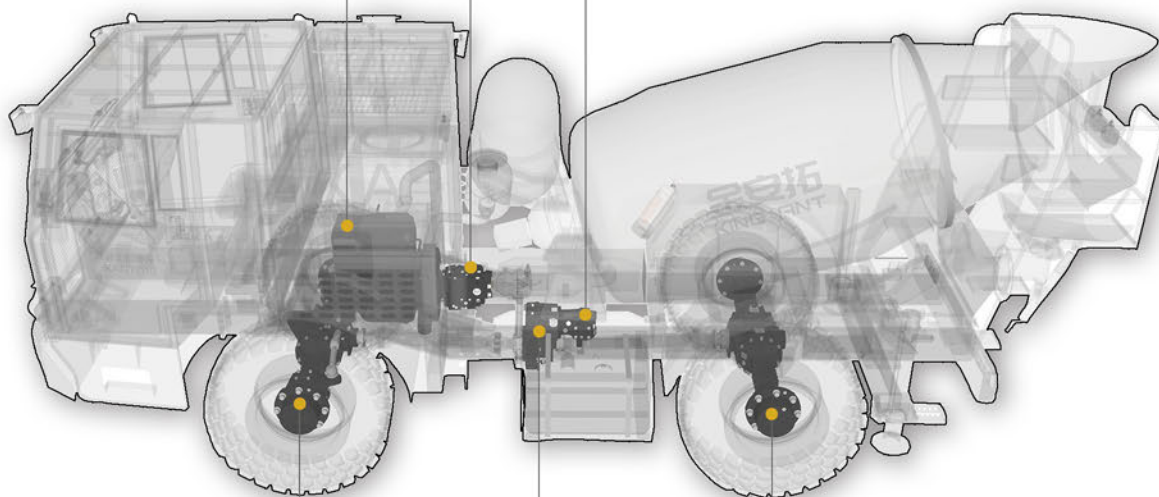
顶级国产发动机



DANFOSS闭式柱塞泵



DANFOSS行走马达



COMER前桥



COMER变速箱



COMER后桥

KATN2C 矿用随车吊

UNDERGROUND LOADER CRANES

BACKGROUND



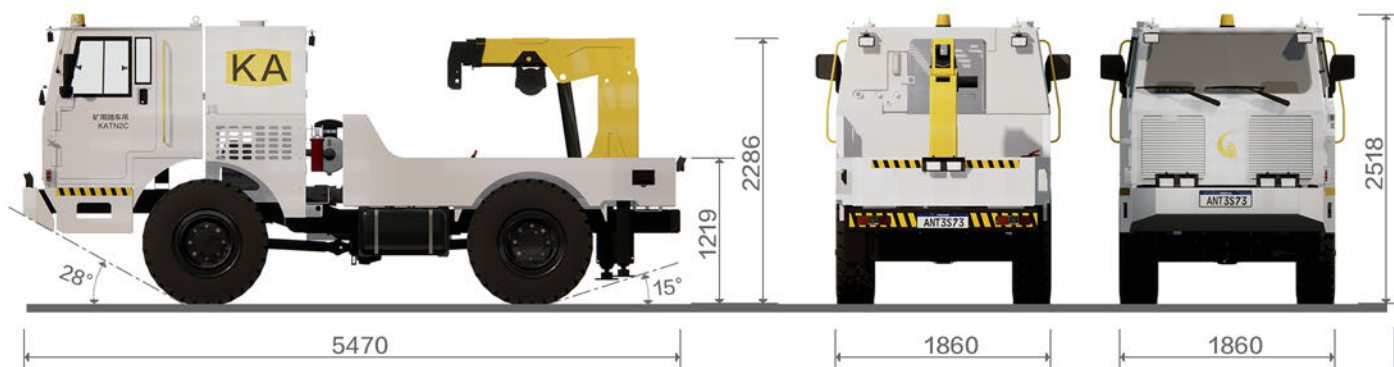
KATN2C 矿用随车吊车，是针对地下矿山研发的专用车型，主要用于矿井地下物料吊装、运输等辅助工作，实现辅助作业机械化。同时也可以搭配吊篮，用于井下高空作业。该车采用新型优质静液底盘，上装部分引进吸收国际先进技术，性能优越皮实耐用，易于操控，维修费用低，安全性能出众，在多尘土、多泥水、湿热等恶劣环境和连续长时间制动等复杂工况下，制动性能稳定、可靠。

KATN2C underground loader cranes is a specialized vehicle developed for underground mines, mainly used for auxiliary work such as lifting and transportation of underground materials, achieving mechanization of auxiliary operations. It can also be paired with a hanging basket for high-altitude operations underground. The car adopts a new type of high-quality static hydraulic chassis, with the upper part absorbing international advanced technology. It has superior performance, durability, easy handling, low maintenance costs, and outstanding safety performance. In harsh environments such as dust, mud, and humidity, as well as complex working conditions such as continuous long-term braking, the braking performance is stable and reliable.



项目 Items	参数 Parameter
最大起重量 : Maximum weight	2.0 t
基本臂长 : Arm length	1.5 m
最大臂长 : Arm length max	2.9 m
最大臂高 : Maximum height	5.2 m
回转角度 : Residual discharge rate	360°
接近角和离去角 : Approach angle and departure angle	27°、15°
爬坡能力 : Gradeability	≥14°
最小转弯半径 (内侧) : Minimum turning radius (inner side)	3750 mm
最小转弯半径 (外侧) : Minimum turning radius (outer side)	7500 mm
离地间隙 : Ground clearance	≥250 mm
发动机功率 : Engine power	77 kW
外形尺寸 (长*宽*高) : Dimensions (L* W* H)	5470*1860*2518 mm
装备质量 : Vehicle weight	6640 kg
倒车速度 : Reverse speed	6.0 km/h
尾气排放 : Exhaust emissions	国三标准, 三元催化净化器 National III standard, Three-way catalytic purifier
行驶速度 : Speed	低速 I 挡 : Low speed I : 6.0 km/h 低速 II 挡 : High speed I : 17.0 km/h 高速 I 挡 : Low speed II : 12.0 km/h 高速 II 挡 : High speed II : 28.0 km/h

注: 参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



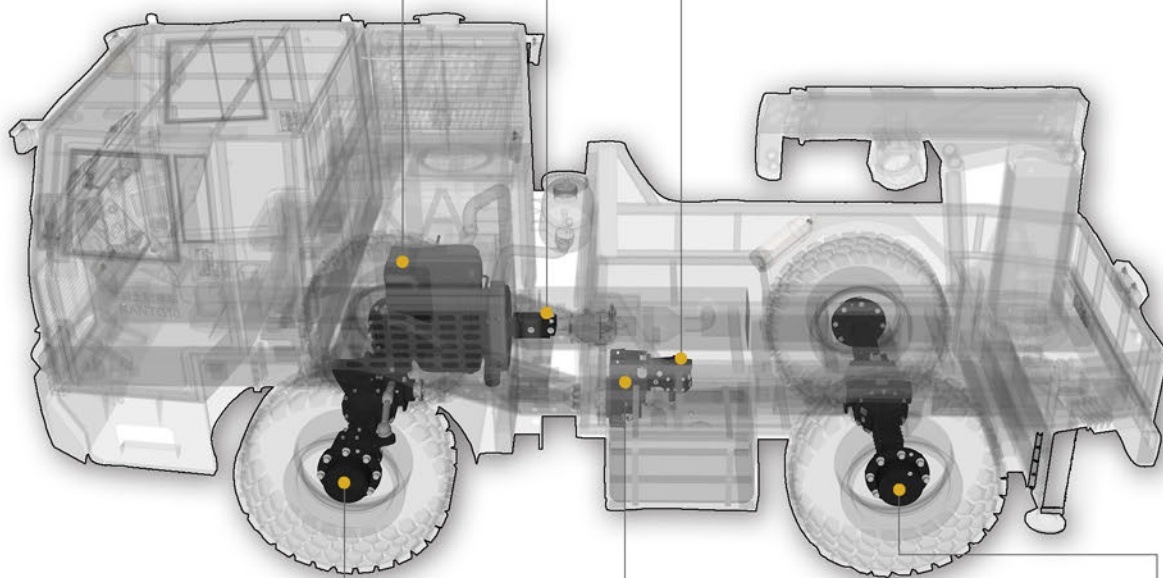
顶级国产发动机



PERMCO工作泵



DANFOSS行走马达



COMER前桥



COMER变速箱



COMER后桥

KING ANT 25t机械底盘系列

25 TON MECHANICAL CHASSIS SERIES

选装功能组件

OPTIONAL FUNCTIONAL MODULES



25t 倾卸箱
PUSH UPWARDS



20t 推卸箱
HORIZONTAL PUSH



燃料油罐
FUEL OIL TANK



5m³ 水泥罐
CEMENT TANK



电池动力
BATTERY POWER



远程智能
REMOTE INTELLIGENCE

涂装企业化定制

CUSTOMIZED COATING FOR ENTERPRISES

该系列采用新型优质25t机械传动底盘，底盘包含有动力系统、传动系统、驾驶室；动力系统由发动机、进排气系统、散热器等组成；传动系统由变速箱、传动轴、前后驱动桥和防爆轮胎等组成。各功能及零部件引进吸收国际先进技术，整车质量上乘，可靠性高、动力性强、舒适度好，便于维护保养，可灵活安装各种功能模块。

This series adopts a new high-quality 25t mechanical transmission chassis, which includes a power system, a transmission system, and a cab; The power system consists of the engine, intake and exhaust system, radiator, etc; The transmission system consists of a gearbox, transmission shaft, front and rear drive axles, and explosion-proof tires. The introduction and absorption of international advanced technology for various functions and components result in superior vehicle quality, high reliability, strong power, good comfort, easy maintenance, and flexible installation of various functional modules.

25t机械底盘规格

25 TON MECHANICAL CHASSIS TYPES

BACKGROUND



该系列采用新型优质25t机械传动底盘，底盘包含有动力系统、传动系统、驾驶室；动力系统由发动机、进排气系统、散热器等组成；传动系统由变速箱、传动轴、前后驱动桥和防爆轮胎等组成。各功能及零部件引进吸收国际先进技术，整车质量上乘，可靠性高、动力性强、舒适度好，便于维护保养，可灵活安装各种功能模块。

This series adopts a new high-quality 25t mechanical transmission chassis, which includes a power system, a transmission system, and a cab; The power system consists of the engine, intake and exhaust system, radiator, etc; The transmission system consists of a gearbox, transmission shaft, front and rear drive axles, and explosion-proof tires. The introduction and absorption of international advanced technology for various functions and components result in superior vehicle quality, high reliability, strong power, good comfort, easy maintenance, and flexible installation of various functional modules.

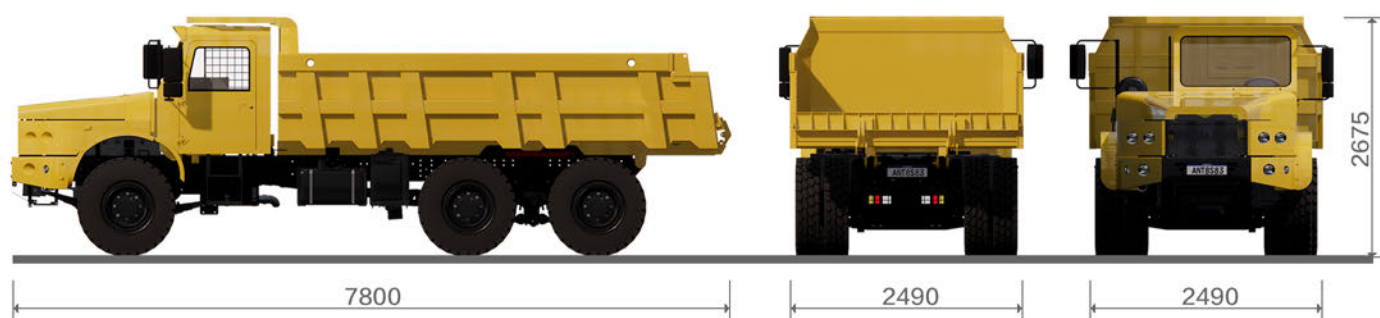
KATUQ-25 地下自卸车 (刚性倾卸式)

UNDERGROUND DUMP TRUCK (RIGID DUMPING TYPE)



项目 Items	参数 Parameter
车厢容积 : Standard container	12.5 m ³
额定载重量 : Traming capacity	25000 kg
最大牵引力 : Maximum traction	≥110 kN
卸载时机最大高度 : Dump position height max	5500 mm
装载高度 : Loading height	2400 mm
最小离地间隙 : Ground clearance	≥300 mm
接近角 : Angle of incidence	>14°
最小转弯半径 (内侧) : Minimum turning radius (inner side)	6300 mm
最小转弯半径 (外侧) : Minimum turning radius (outer side)	9900 mm
爬坡能力 (重载) : Ability to climb (overload)	≥14°
柴油机型号/功率 : Diesel engine type/power	YCK0835-T400/257 kW
外形尺寸 (长*宽*高) : Dimensions (L* W* H)	7800*2490*2675 mm
装备质量 : Vehicle weight	13000 kg
倒车速度 : Reverse speed	9.0 km/h
举升油缸 : Cylinder	额定压力 : Rated pressur: 20 MPa 工作行程 : Operational stroke: 2100 mm
行驶速度 : Speed	I 挡 : Gear I : 8.0 km/h II 挡 : Gear II : 13.0 km/h III 挡 : Gear III : 21.0 km/h IV 挡 : Gear IV : 25.0 km/h

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE "TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



KATUQ-25T 地下自卸车 (刚性推卸式)

UNDERGROUND DUMP TRUCK (RIGID PUSH-PULL TYPE)



项目 Items	参数 Parameter
车厢容积 : Standard container	12.0 m ³
额定载重量 : Traming capacity	20000 kg
最大牵引力 : Maximum traction	≥110 kN
卸载时机最大高度 : Dump position height max	2450 mm
装载高度 : Loading height	2450 mm
最小离地间隙 : Ground clearance	≥270 mm
接近角 : Angle of incidence	>14°
最小转弯半径 (内侧) : Minimum turning radius (inner side)	6300 mm
最小转弯半径 (外侧) : Minimum turning radius (outer side)	9900 mm
爬坡能力 (重载) : Ability to climb (overload)	≥14°
柴油机型号/功率 : Diesel engine type/power	YCK0835-T400/257 kW
外形尺寸 (长*宽*高) : Dimensions (L* W* H)	7800*2500*2675 mm
装备质量 : Vehicle weight	13000 kg
倒车速度 : Reverse speed	9.0 km/h
车箱推板 : Push plate	卸料时间 : Unloading time: 15 s 返回时间 : Return time: 12 s
行驶速度 : Speed	I 挡 : Gear I : 8.0 km/h II 挡 : Gear II : 13.0 km/h III 挡 : Gear III : 21.0 km/h IV 挡 : Gear IV : 25.0 km/h

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



KATG255 矿用混凝土搅拌车

UNDERGROUND CONCRETE-MIXER TRUCK

产品特点
PRODUCT FEATURES



项目 Items	参数 Parameter
搅拌筒有效容积 Volume	5.0 m ³
额定载重量 Traming capacity	12000 kg
最大牵引力 Maximum traction	≥110 kN
进料速度 Feed rate	3 m ³ /min
出料速度 Output speed	2 m ³ /min
搅拌速度 Stirring speed	0-16 r/min
出料残余率 Discharge residual rate	≤0.5%
最小转弯半径 (内侧) Minimum turning radius (inner side)	6300 mm
最小转弯半径 (外侧) Minimum turning radius (outer side)	9900 mm
爬坡能力 (重载) Ability to climb (overload)	≥14°
柴油机型号/功率 Diesel engine type/power	YCK0835-T400/257 kW
外形尺寸 (长*宽*高) Dimensions (L* W* H)	7830*2500*2800mm
装备质量 Vehicle weight	14000 kg
离地间隙 Ground clearance	≥270 mm
接近角 Angle of incidence	35°
离去角 Departure angle	34°
倒车速度 Reverse speed	7.0 km/h
行驶速度 Speed	I 挡 Gear I : 7.0 km/h II 挡 Gear II : 11.0 km/h III 挡 Gear III : 19.0 km/h IV 挡 Gear IV : 24.0 km/h

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE "TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



KATCY-5000A 地下油罐车

UNDERGROUND REFUELLER



项目 Items	参数 Parameter
油罐容量 : Volume	5000 L
额定载重量 : Trammng capacity	12000 kg
最大牵引力 : Maximum traction	≥110 kN
出油残余率 : Oil remaining rate	≤0.5 %
离地间隙 : Ground clearance	≥270 mm
最小转弯半径 (内侧) : Minimum turning radius (inner side)	6300 mm
最小转弯半径 (外侧) : Minimum turning radius (outer side)	9900 mm
接近角 : Angle of incidence	30°
离去角 : Departure angle	30°
爬坡能力 (重载) : Ability to climb (overload)	≥14°
柴油机型号/功率 : Diesel engine type/power	YCK0835-T400/257 kW
外形尺寸 (长*宽*高) : Dimensions (L* W* H)	7830*2500*2450mm
装备质量 : Vehicle weight	11000 kg
全景影像 : Video	4路摄像头 : Quad camera
倒车速度 : Reverse speed	7.0 km/h
行驶速度 : Speed	I 挡 : Gear I : 8.0 km/h
	II 挡 : Gear II : 11.0 km/h
	III 挡 : Gear III : 17.0 km/h
	IV 挡 : Gear IV : 22.0 km/h

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



选装功能组件
OPTIONAL FUNCTIONAL MODULES

25t倾卸箱



20t推卸箱



5m³水泥罐



燃料油罐



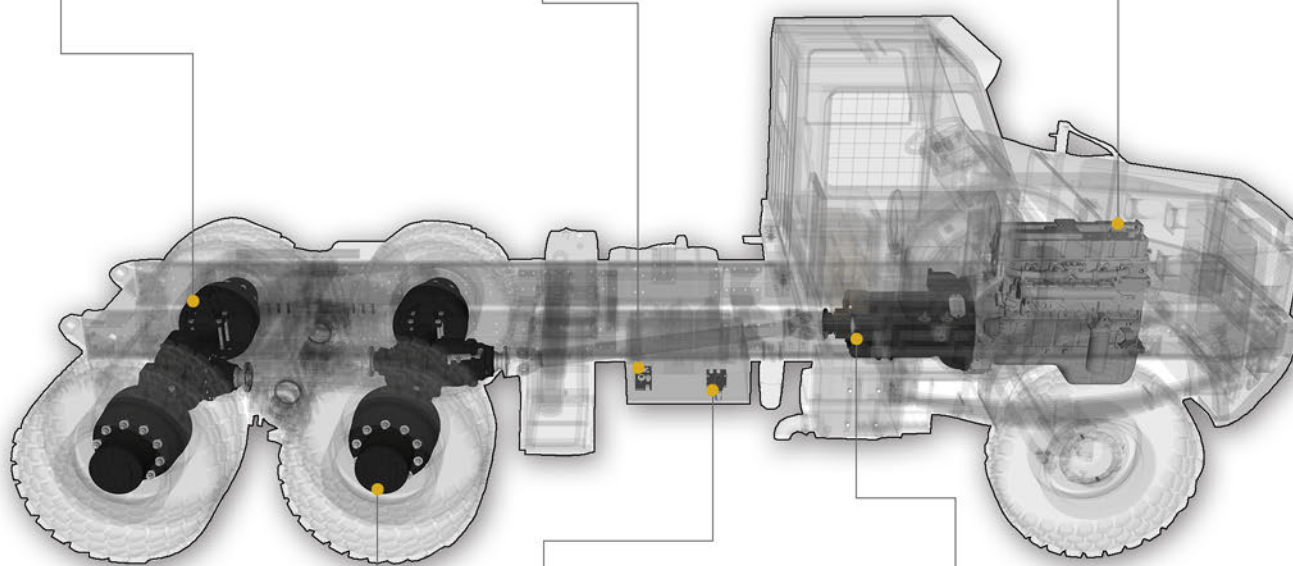
顶级国产后桥



顶级国产充液阀



玉柴发动机



顶级国产中桥



顶级国产电磁阀



顶级国产变速箱



KATUQ-25D 纯电动地下自卸车 (刚性倾卸式)

ELECTRIC POWER LOW PROFILE DUMP TRUCK (RIGID DUMPING TYPE)


舒适性
COMFORTABLE


强劲电力
STRONG ELECTRICITY


25t大载重
LARGE CAPACITY


全地形
ALL-TERRAIN


湿式弹簧制动
WET SPRING BRAKE

项目 Items	参数 Parameter
车箱容积 Standard container	12.6 m ³
额定载重量 Trammng capacity	25000 kg
最大牵引力 Maximum traction	180 kN
卸载时机器最大高度 Dump position height max	5500 mm
装载高度 Loading height	2250 mm
最小离地间隙 Ground clearance	280 mm
最小转弯半径 (内侧) Minimum turning radius (inner side)	6300 mm
最小转弯半径 (外侧) Minimum turning radius (outer side)	9900 mm
接近角 Angle of incidence	>14°
爬坡能力 (重载) Ability to climb (overload)	≥14°
电池电量 Energy capacity - Total	192 kW/h
电机功率 Power rating	250 kW
电压平台 Nominal voltage	600 V
电池充电时间 Charge time	1 h
电池换电时间 Battery swapping	3 min
充电方式 Charging method	充换电一体 Integrated charging and swapping system
换挡方式 Shift mode	自动换挡 Automatic
车箱举升时间 Raising time	30 s
倒车最高速度 Reverse speed	8.0 km/h
前进最高车速 Speeds forward	25 km/h
外形尺寸 (长*宽*高) Dimensions (L*W*H)	7800*2480*2650 mm
装备质量 Vehicle weight	13000 kg

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



纯电动功能组件

PURE ELECTRIC FUNCTION MODULES

25t倾卸箱



20t推卸箱



5m³水泥罐



燃料油罐



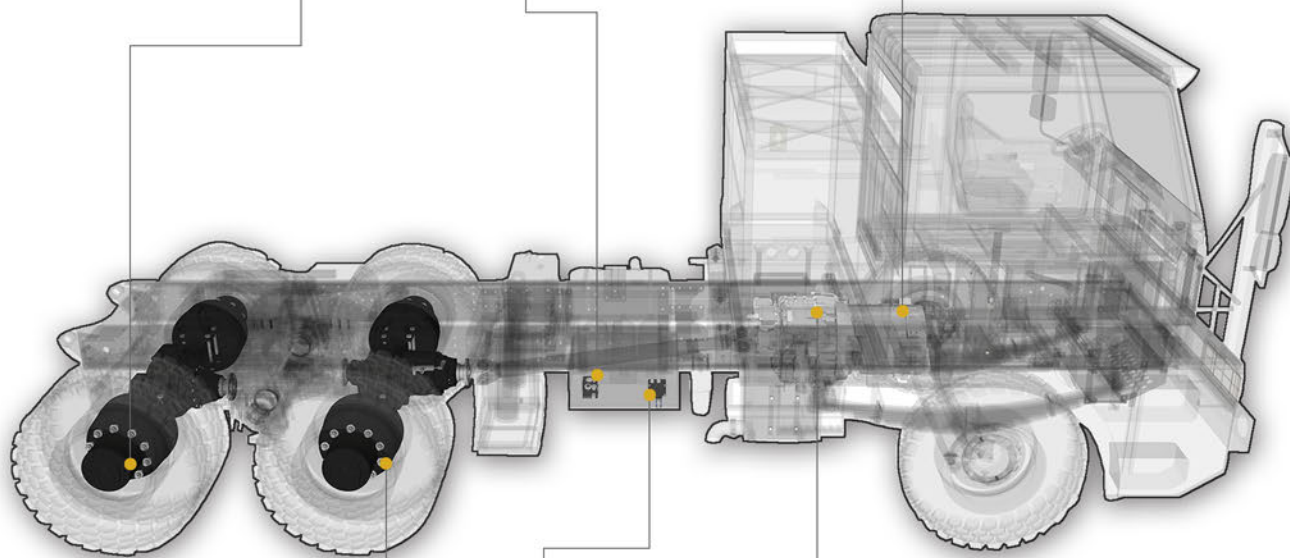
顶级国产后桥



顶级国产充液阀



顶级国产电动机



顶级国产中桥



顶级国产电磁阀



顶级国产变速箱



KING ANT 其它辅助车系列

OTHER AUXILIARY VEHICLE SERIES

其它辅助设备

OTHER AUXILIARY EQUIPMENT



双向梭车
SHUTTLE CAR



撬毛台车
MECHANIZED SCALER



湿喷台车
CONCRETE-GUNITER



反井钻机
RAISE BORER



抓岩机
ROCK GRAB

涂装企业化定制

CUSTOMIZED COATING FOR ENTERPRISES

金安拓多年来专注矿山工程装备研发，在新能源、智能化、数字化矿山技术上积累了丰富的研发和实践经验，利用自身矿山施工方优势，总结全球矿山特点，不断推出和优化各类型产品，其中梭车、撬毛车、喷浆车、反井钻机、抓岩机等产品，不断研发成功并投入使用，且获得较好反馈。

Jin'antuo has been focusing on the research and development of mining engineering equipment for many years, accumulating rich experience in research and practice in new energy, intelligence, and digital mining technology. Utilizing its own advantages in mining construction, it has summarized the characteristics of global mines and continuously launched and optimized various types of products, including shuttle cars, prying cars, shotcrete cars, raise drilling rigs, rock grabbing machines, etc., which have been successfully developed and put into use, and have received good feedback.

KATUS20 双向胶轮梭车

RUBBER-TYRED SHUTTLE CAR

BACKGROUND



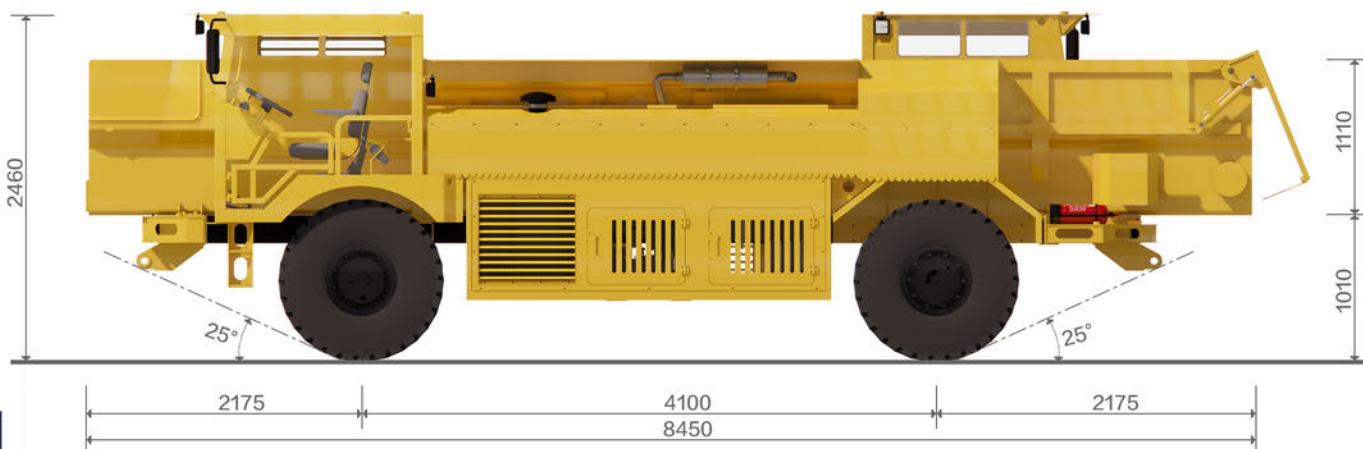
KATUS20 双向胶轮梭车主要用于井下运输矿石，底盘为整体底盘。底盘上装有动力系统、传动系统、驾驶室；动力系统由发动机、进排气系统、散热器等组成；传动系统由闭式柱塞泵、行走马达、分动箱、传动轴、前后驱动桥和车轮等组成。

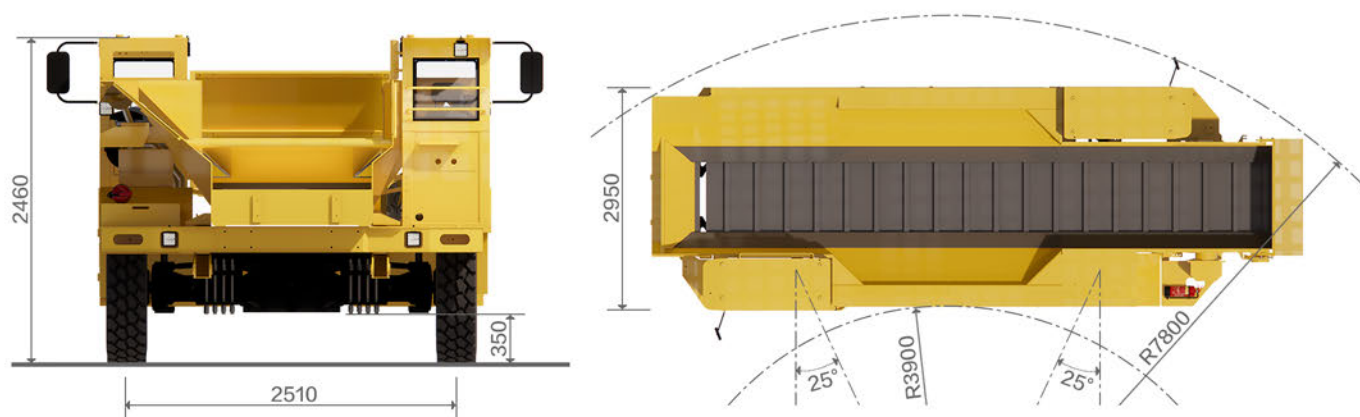
The KATUS20 rubber-tyred shuttle car is mainly used for underground transportation of ores, and the chassis is an integral chassis. The chassis is equipped with a power system, transmission system, and cab; The power system consists of the engine, intake and exhaust system, radiator, etc; The transmission system consists of a closed piston pump, a walking motor, a transfer case, a transmission shaft, front and rear drive axles, and wheels.



项目 Items	参数 Parameter
驾驶室数量 Number of cabs	2 个
额定载重量 Traming capacity	20000 kg
最小离地间隙 Ground clearance	≥350 mm
最小转弯半径 (外侧) Minimum turning radius (outer side)	≤7800 mm
转向方式 Steering mode	4轮全液压转向 4-Wheel full hydraulic steering
爬坡能力 Climbing ability	14°
离去角和接近角 Departure angle and approach angle	≥25°
后桥摆动角 Rear axle swing angle	≥5°
柴油机功率 Diesel engine power	2*103 kW
外形尺寸 (长*宽*高) Dimensions (L* W* H)	8300*2950*2460 mm
刮板卸料速度 Scraper discharge speed	≥10 m/min
底盘 Chassis	静液压驱动整体底盘 Hydrostatic drive integrated chassis
尾气排放 Exhaust emissions	国三标准, 三元催化净化器 National III standard, Three-way catalytic purifier
柴油箱容积 Diesel tank capacity	200 L
整备质量 Curb weight	16700 ± 100 kg
行车制动 Service brake	湿式全封闭式液压制动 Wet fully enclosed hydraulic brake
驻车制动 Parking brake	湿式弹簧制动, 液压释放 Wet spring brake, Hydraulic release
行驶速度 Speeds Forward	正向 Forward (低速挡 low gear: 4.0±0.5 km/h; 高速挡 High speed gear: 10.0±1.0 km/h) 反向 Reverse (低速挡 low gear: 4.0±0.5 km/h; 高速挡 High speed gear: 10.0±1.0 km/h)

注: 参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE "TECHNICAL SPECIFICATIONS" OF THIS VEHICLE





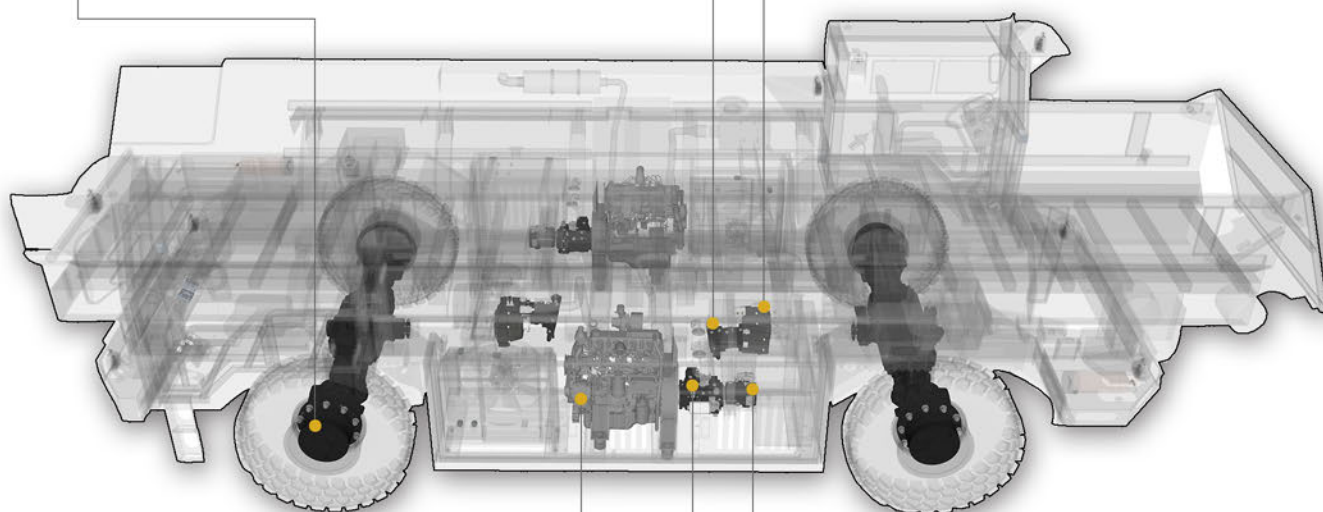
顶级国产车桥



顶级国产行走马达



COMER变速箱



玉柴发动机



顶级国产行走泵



顶级国产工作泵

KATQ5 地下撬毛车

UNDERGROUND MECHANIZED SCALER

BACKGROUND



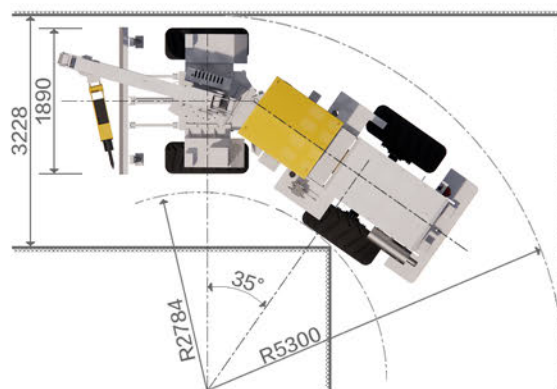
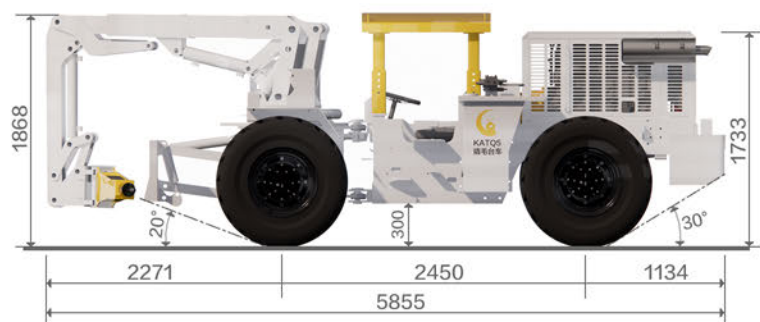
KATQ05 地下撬毛车主要用于爆破后巷道的撬毛作业，实现撬毛作业机械化。同时可以对爆破后大块岩石进行二次破碎。车辆采用铰接式底盘，前车架前端上装有工作机构和推土铲、支腿机构；后车架上装有动力装置、分动箱、驾驶室。

The KATQ05 underground mechanized scaler is mainly used for roughening operations in tunnels after blasting, achieving mechanization of roughening operations. At the same time, it is possible to perform secondary crushing on large rocks after blasting. The vehicle adopts an articulated chassis, and the front frame is equipped with a working mechanism, a bulldozer, and a supporting leg mechanism; The rear frame is equipped with a power unit, transfer case, and cab.



项目 Items	参数 Parameter
破碎锤重量 : Hammer weight	90 kg
冲击流量 : Flow	20-40 L/min
冲击能量 : Energy	≥450 J
钎杆直径 : Diameter	45 mm
冲击频率 : Impact frequency	11-12 Hz
额定压力 : Rated pressure	90-120 bar
液压锤摆动角度 : Swing angle	180°
柴油机额定功率 : Diesel engine output	73.5 kW
柴油机转速 : Diesel engine rotating speed	2200 r/min
最大摸高 : Maximum die height	6300 mm
最小离地间隙 : Ground clearance	≥300 mm
最大爬坡 : Maximum climb	≥14°
轴距 : Wheelbase	2450 mm
轮距 : Track width	1480 mm
转向角 : Steering angle	±35°
外形尺寸 (长*宽*高) : Dimensions (L*W*H)	5855*1890*2100 mm
装备质量 : Vehicle weight	6340 kg
倒车速度 : Reverse forward	7.0 km/h
行驶速度 : Speeds forward	一档 : 1st gear: 7.0 km/h 二档 : 2st gear: 17.0 km/h
最小转弯半径 : Minimum turning radius	内侧 : Inner: 2784 mm 外侧 : Outer: 5300 mm
项目 Items	参数 Parameter

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



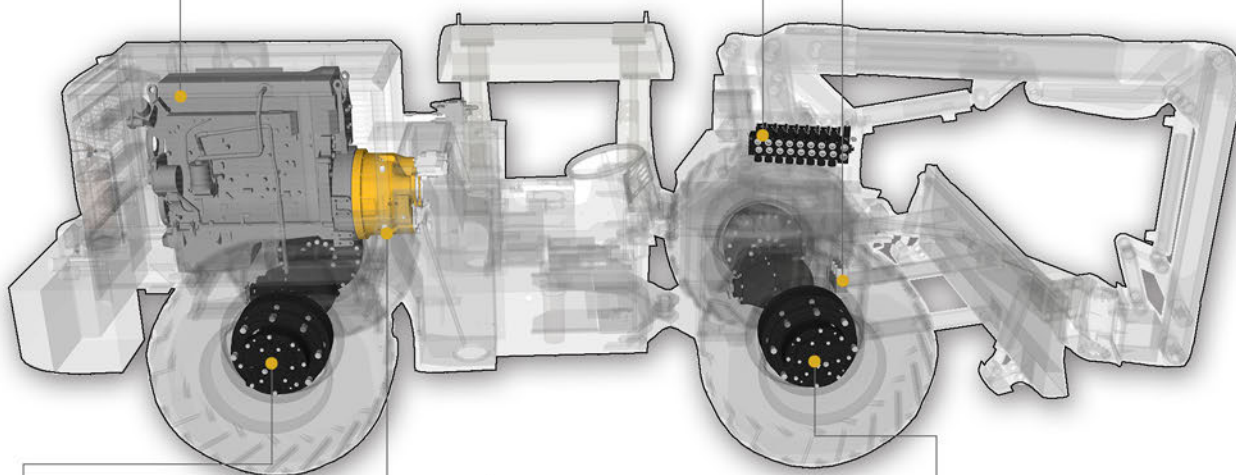
顶级国产发动机



顶级国产主阀



顶级国产换向阀



顶级国产前桥



顶级国产变速箱



顶级国产后桥



KATP20 地下混凝土喷浆车

UNDERGROUND CONCRETE-GUNITE TRUCK

BACKGROUND

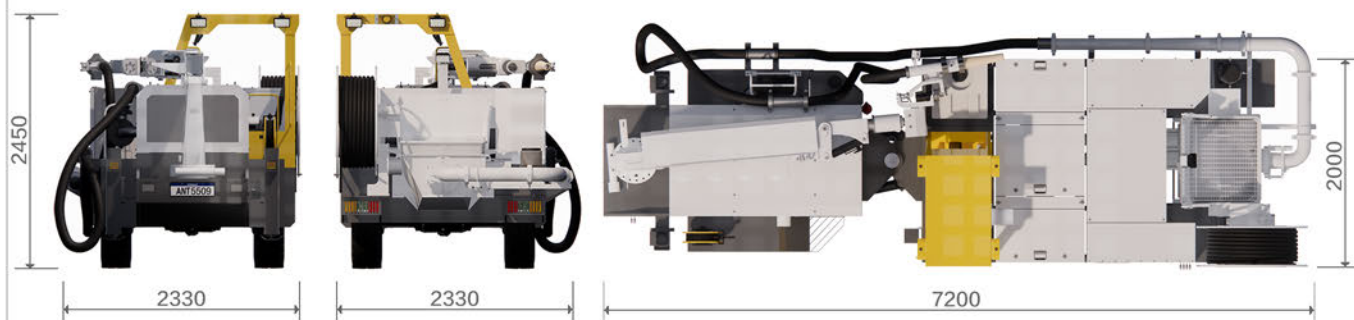


KATP20 混凝土喷浆车主要用于地下矿山小断面巷道施工，该车采用先进的制造工艺，关键零部件均采用国际知名品牌产品，电气系统采用CAN-BUS 总线控制技术，以基于嵌入式的工程机械控制器为核心，一体化复合控制，对发动机和液压系统的工作状态进行实时检测和保护，从而保证整机的高可靠性。

The KATP20 underground concrete-gunite truck is mainly used for the construction of small section tunnels in underground mines. The truck adopts advanced manufacturing technology, and key components are all internationally renowned brand products. The electrical system adopts CAN-BUS bus control technology, with an embedded engineering machinery controller as the core, integrated composite control, real-time detection and protection of the working status of the engine and hydraulic system, thereby ensuring high reliability of the entire machine.

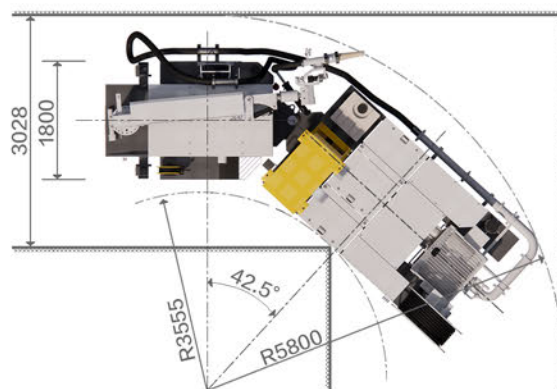


项目 Items	参数 Parameter
排量 Displacement	0~20 m³/h
砼缸行程 Journey	1000 mm
输送管径 Diameter	φ 140 mm
料斗容量 Hopper capacity	0.3 m³
上料高度 Feeding height	1300 mm
最大喷射高度 Jet height max	9 m
最大喷射深度 Jet depth max	2.8 m
最大喷射宽度 Jet width max	14.8 m
速凝剂排量 Accelerator displacement	0~540 L/h
速凝剂最大压力 Accelerator pressure	20 bar
速凝剂箱容积 Accelerator box volume	300 L
空压机功率 Air compressor power	45 kW
排气量 Displacement	9.2 m³/min
排气压力 Exhaust pressure	60 bar



工作电压 Operating voltage	380 V
主泵排量 Main pump displacement	16/25/28/95 ml/r
装备质量 Vehicle weight	11000 kg
外形尺寸 (长*宽*高) Dimensions (L* W* H)	7200*2330*2450 mm
最高车速 Speeds forward	18 km/h
最小转弯半径 Minimum turning radius	内侧 Inner: 3555 mm 外侧 Outer: 5800 mm
项目 Items	参数 Parameter

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE



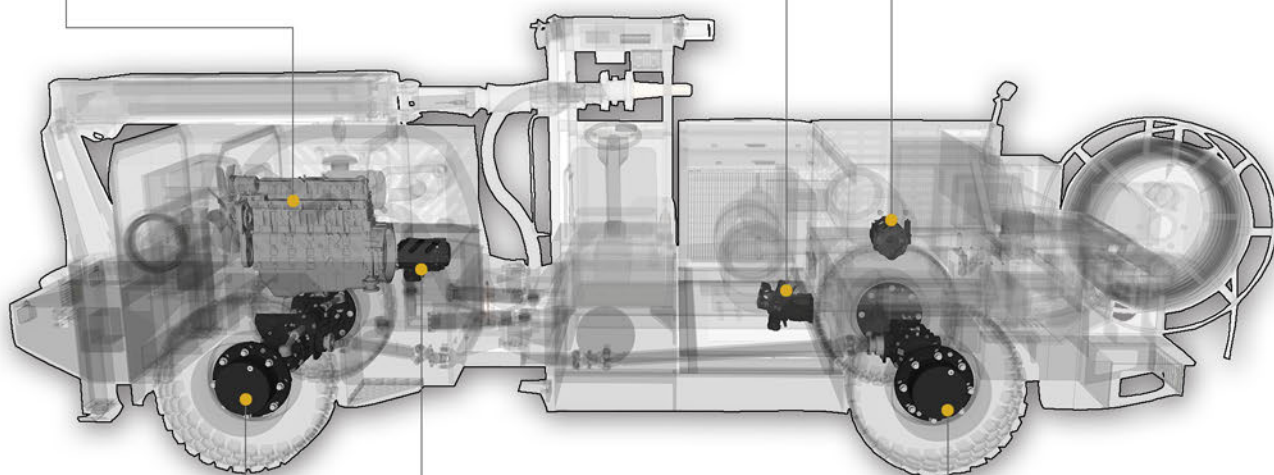
东风康明斯发动机



QIULIN行走马达



PUSHI工作主泵



顶级国产前桥



PUSHI行走主泵



顶级国产后桥

KAT3.0-300 反井钻机

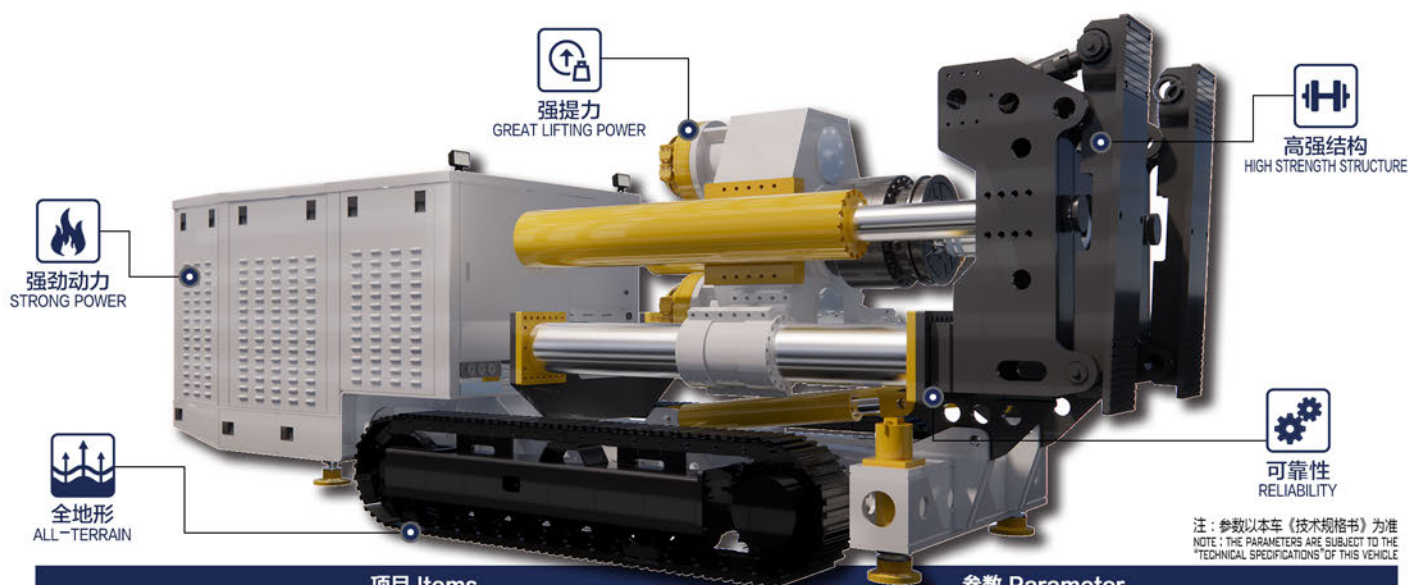
RAISE BORING MACHINE

BACKGROUND

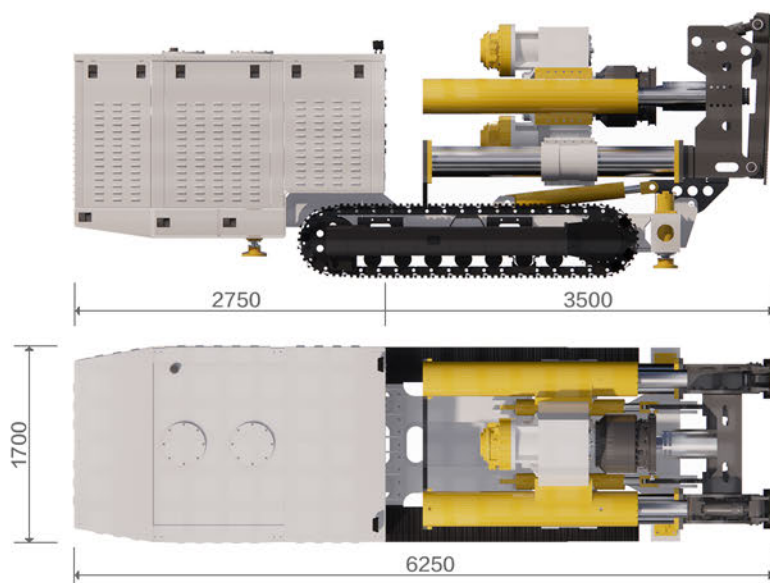


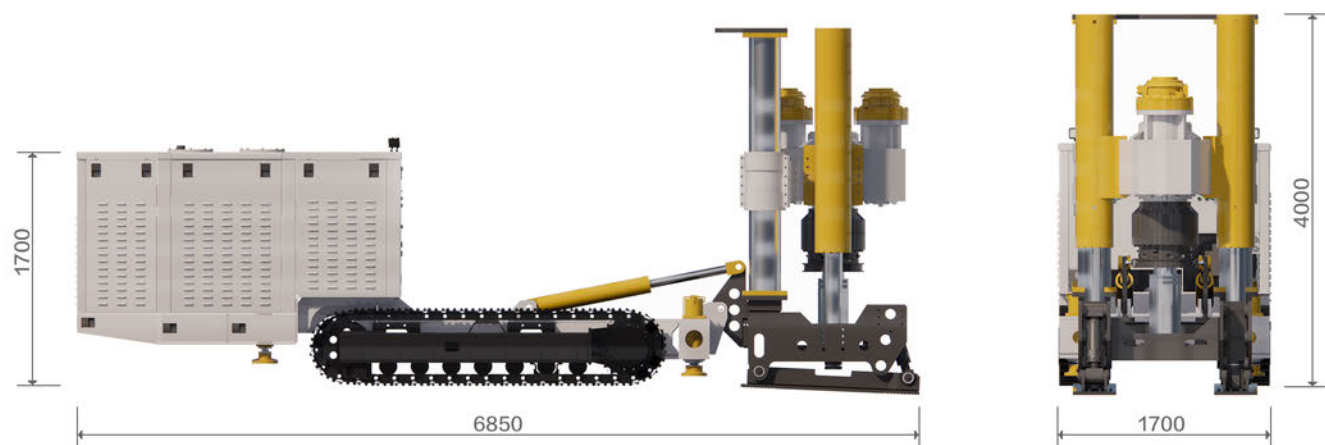
KAT3.0-300 反井钻机主要用于各种竖井和斜井的施工，该机采用自主研发的KAT-RCS V2.0智能控制系统，可以快速、准确诊断和查找系统故障的部位。钻机动力输出系统具备无级调节功能，包括转速、扭矩等参数均可根据不同的工况进行实时调节，最大限度的减少钻具冲击损伤。

The KAT3.0-300 raise boring machine is mainly used for the construction of various vertical and inclined shafts. The machine adopts the independently developed KAT-RCS V2.0 intelligent control system, which can quickly and accurately diagnose and locate the location of system faults. The power output system of the drilling rig has stepless adjustment function, including real-time adjustment of parameters such as speed and torque according to different working conditions, to minimize drilling tool impact damage.



项目 Items	参数 Parameter
扩孔直径 Reaming diameter	2500 mm
最大井深 Maximum well depth	300 m
钻孔角度 Drilling angle	60~90°
推进力 Propulsive force	750 kN
反提力 Counter-Lift	2500 kN
额定扭矩 Torque	125 kN·m
反转扭矩 Reverse torque	135 kN·m
导孔回转速度 Guide hole rotation speed	0~24 r/min
扩孔回转速度 Reaming rotation speed	0~12 r/min
行走速度 Walking speed	0~2.5 km/h
爬坡能力 Gradeability	≥14°
电压 Voltage	380 V
电机功率 Power	132 kW
柴油机功率 Diesel engine power	92 kW
运输尺寸 (长*宽*高) Transport dimensions (L* W* H)	6250*1700*2250 mm
工作尺寸 (长*宽*高) Working size (L* W* H)	6850*3500*4000 mm
装备质量 Vehicle weight	21000 kg
最大直径 Maximum diameter	3 m





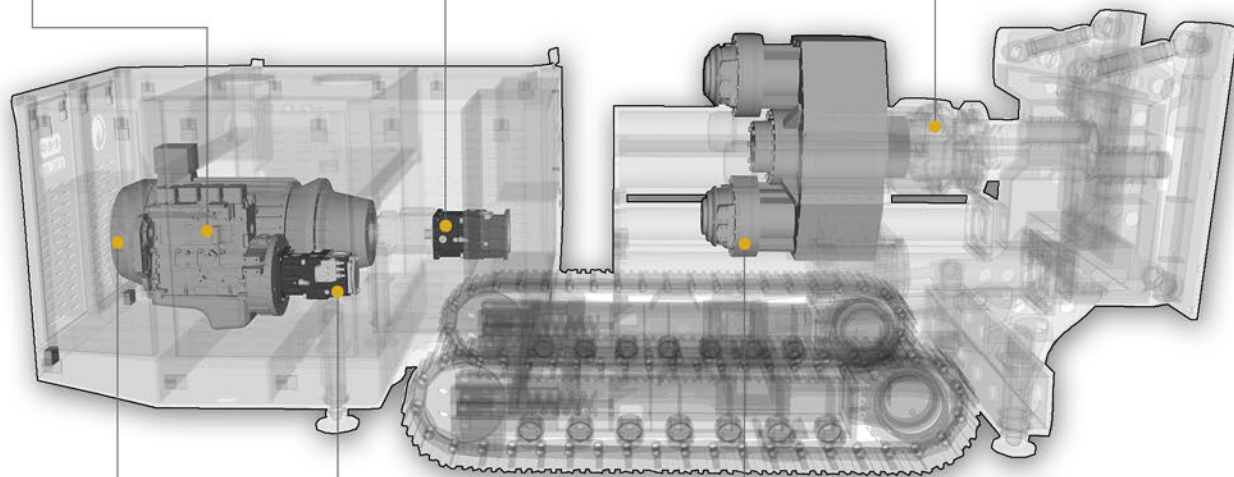
东风康明斯发动机



REXROTH工作主泵



金安拓智能控制系统



顶级国产电动机



REXROTH行走主泵



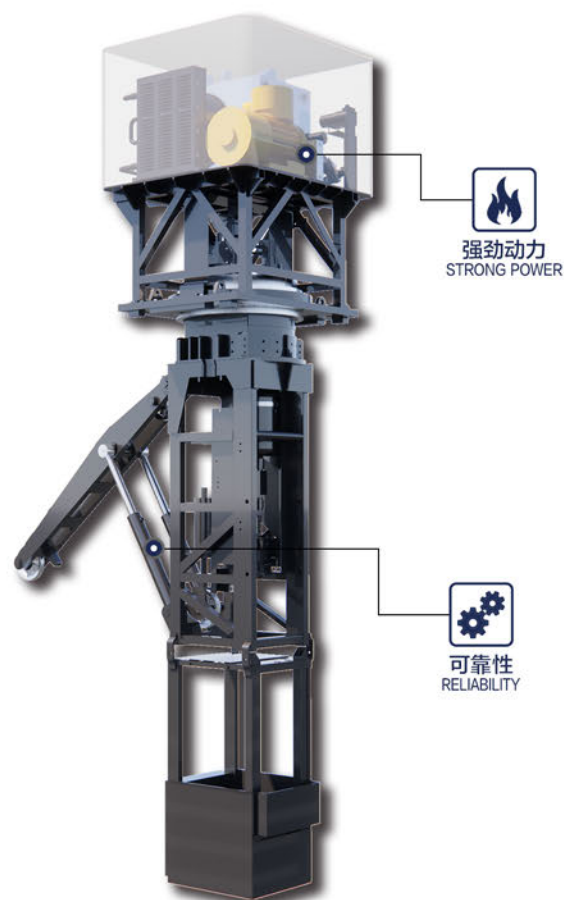
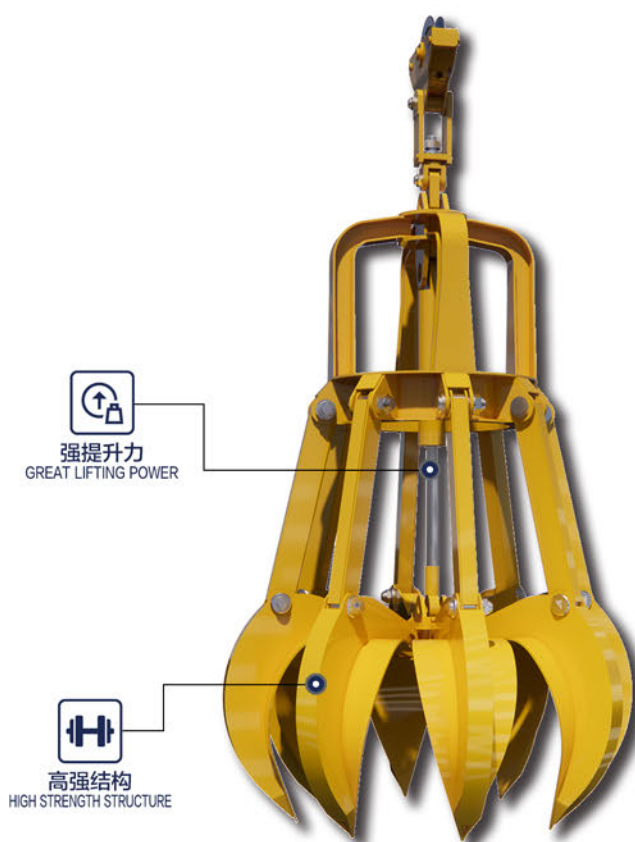
HAGGLUNDS马达



KATO.6YZ 抓岩机

ROCK GRAB

产品特点
PRODUCT FEATURES



项目 Items	参数 Parameter
抓斗容积 : Grab volume	0.6 m ³
生产率 : Productivity	> 60 m ³ /h
适应井筒直径 : Suitable for borehole diameter	≥5.0-8.5 m
抓岩最大范围直径 : Maximum range diameter of grab rock	7 m
提升速度 : Lifting speed	≥0.4 m/s
绞车提升力 : Winch lift	≥45 kN
回转速度 : Rotation speed	≥2.5 n/min
变幅速度 : Derricking speed	≥0.3 m/s
操作方式 : Operating mode	先导液压控制 : Pilot hydraulic control
装备质量 : Vehicle weight	抓斗质量 : Grab quality: 3000 kg 总质量 : Total weight: 6500 kg
主电机功率 : Main motor power	55 kW 适应电压等级 : Fit to voltage level: 380&660V
辅助电机功率 : Auxiliary motor power	2×2.2 kW 适应电压等级 : Fit to voltage level: 380&660V
外形尺寸 (长*宽*高) : Dimensions(L*W*H)	吊盘以上 : Above hanger: 1700*1400*2500mm 吊盘以下 : Below hanger: 940*840*5500mm
联动方式 : Linkage mode	抓岩单动、其余联动 Grab rock single action, Other linkages

注：参数以本车《技术规格书》为准
NOTE: THE PARAMETERS ARE SUBJECT TO THE
"TECHNICAL SPECIFICATIONS" OF THIS VEHICLE

TECHNICAL TERMINOLOGY

技术术语

KING ANT MANUFACTURE

中文 Chinese	英文 English
地下内燃铲运机 / 地下柴油铲运机	Diesel load-haul-dump / Diesel LHD
地下电动铲运机 / 纯电池动力铲运机	Electric power load-haul-dump / Electric power LHD
卷缆式电动铲运机	Cable reel electric load-haul-dump / Cable reel electric LHD
视频遥控铲运机	Video remote control load-haul-dump / Video remote control LHD
视距遥控铲运机	Visual remote control load-haul-dump / Visual remote control LHD
无人驾驶铲运机	Unmanned load-haul-dump / Unmanned LHD

中文 Chinese	英文 English
地下多功能服务车	Underground multifunctional vehicle
地下无轨辅助车辆	Underground trackless auxiliary vehicle
地下无轨运人车	Underground personnel transportation vehicle
地下混凝土搅拌车 / 矿用混凝土搅拌车	Underground concrete-mixer truck
地下油罐车 / 地下加油车	Underground refueller
地下起重车 / 矿用随车吊	Underground loader cranes
地下升降平台车	Underground elevating platform vehicle
地下材料运输车	Underground material transporter
地下装药车 / 地下爆破器材运输车	Underground explosives charging vehicle
地下乳胶基质运输车	Underground latex matrix transport vehicle

注：技术术语及译文来源于《冶金学名词》、《中国大百科全书》
综合考虑安全托各车辆说明书及日常使用习惯后确定

中文 Chinese	英文 English
地下混凝土喷浆车 / 湿喷台车	Underground concrete-guniting truck
地下撬毛车 / 撬毛台车	Underground mechanized scaler
地下矿用破碎车	Underground breaking vehicle
地下锚杆台车	Underground anchor rig
胶轮梭行矿车 / 双向胶轮梭车	Rubber-tyred shuttle car
反井钻机	Raise boring machine
抓岩机	Rock grab
地下采矿凿岩台车	Production drilling rigs

中文 Chinese	英文 English
地下自卸车	Underground dump truck / Low profile dump truck / LPDT
柴油地下自卸车 / 内燃地下自卸车	Diesel low profile dump truck / Diesel LPDT
纯电动地下自卸汽车	Electric power low profile dump truck / Electric power LPDT
架线式电动自卸汽车	Trolley assisted mine truck
机械传动自卸汽车	Mechanical drive truck-manual transmission
液力机械传动自卸汽车	Mechanical drive truck-hydro mechanical transmission
电池动力自卸汽车	Battery-electric drive truck
矿用自卸汽车	Mining dump truck
刚性倾卸式	Rigid dumping type
刚性推卸式	Rigid push-pull typ



PATENT QUALIFICATIONS

专利资质

KING ANT MANUFACTURE

国家高新技术企业
HIGH AND NEW TECHNOLOGY



15⁺ 矿安证书

MINE SAFETY CERTIFICATE

120⁺ 技术专利

TECHNICAL PATENTS

17⁺ 各类认证

HONORARY CERTIFICATE

技术优势 TECHNICAL ADVANTAGES

-  液压电气专项研究
HYDRAULIC AND ELECTRICAL RESEARCH
-  高校前沿技术转化
TECHNOLOGY TRANSFORMATION IN UNIVERSITIES
-  数字智能系统开发
DEVELOPMENT OF DIGITAL INTELLIGENT SYSTEMS
-  海外合资技术转化
OVERSEAS JOINT VENTURE TECHNOLOGY TRANSFORMATION
-  项目痛点定制研发
CUSTOMIZED R&D
-  自有项目数据支持
SELF OWNED PROJECT DATA SUPPORT
-  集合全球研发人才
GLOBAL R&D TALENT
-  一线工况实时反馈
REAL TIME FEEDBACK ON ON-SITE WORK



技术愿景 TECHNOLOGY VISION

让施工更轻松，不让天下有难干的矿工！
MAKE CONSTRUCTION EASIER AND PREVENT DIFFICULT MINERS FROM WORKING IN THE WORLD!



LEADING EDGE BRANDS

全球150+品牌紧密合作

OVER 150 BRANDS WORKING CLOSELY TOGETHER



THANK YOU
FOR YOUR SUPPORT

金品质 拓天下

GOLDEN QUALITY EXPANDS THE WORLD



技术支持

金安拓北京研发中心 湖北金诚信技术部
湖北金诚信销售公司 金诚信股份有限公司

好设备 诚信造

GOOD EQUIPMENT IS MADE WITH JCHX

综合性设备生产力服务商

THE COMPREHENSIVE SERVICE PROVIDER OF UNDERGROUD MACHINE



微信扫一扫
Scan WeChat



抖音扫一扫
Scan Tiktok

销售及维护服务

SALES AND MAINTENANCE SERVICES



4000-156-128
0714-8717001



kat-market@jchxmc.com



<http://jchx-kingant.com>



湖北省大冶市罗金大道51号、北京市密云区康宝路19号
51 LUOJIN AVENUE, DAYE CITY, HUBEI PROVINCE, AND 19 KANGBAO ROAD, MIYUN DISTRICT, BEIJING

