



四川畅安穿山甲科技有限公司

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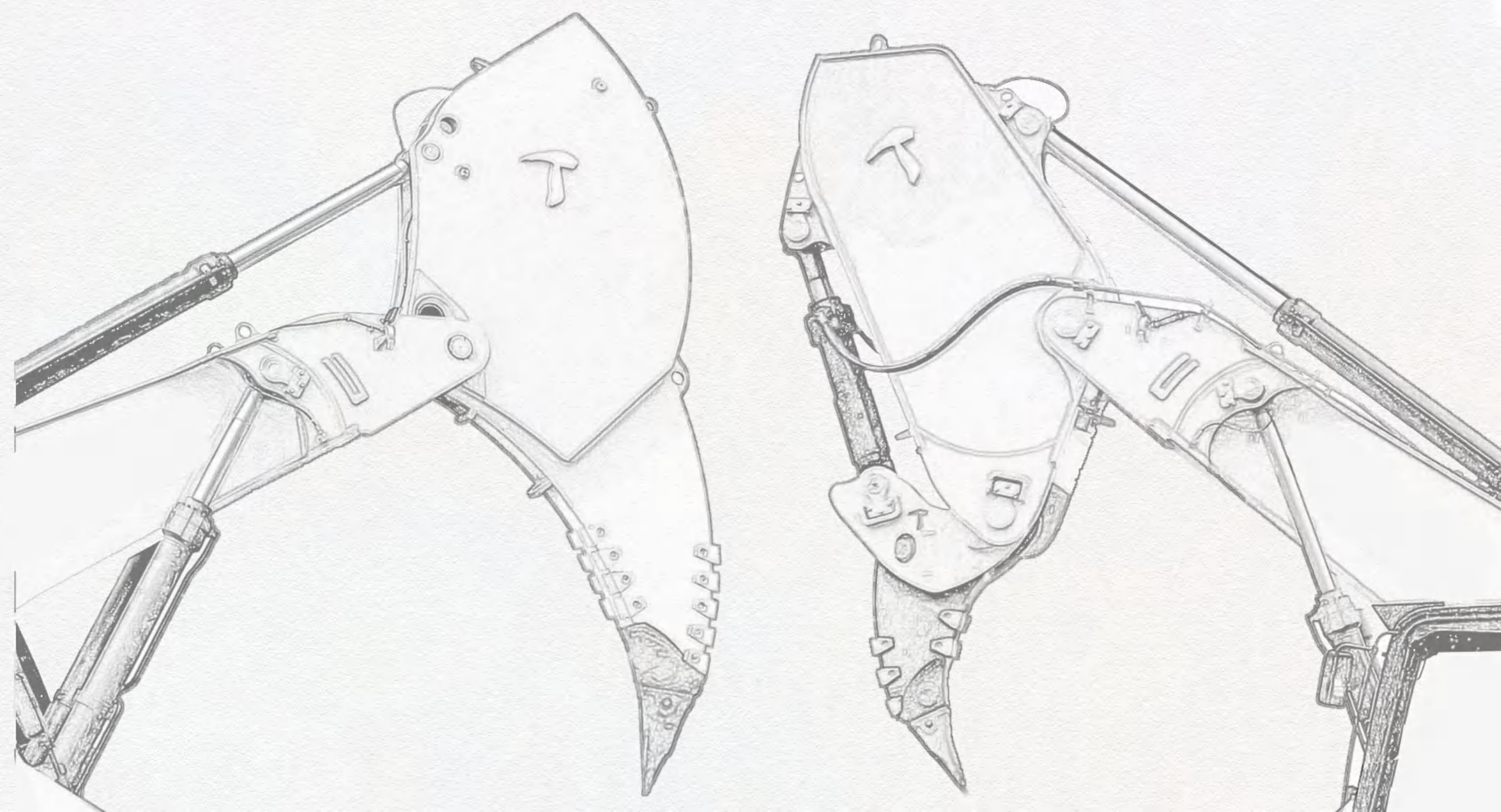
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畅安穿山甲
CHANGANCHUANSHANJIA





Company Profile

企业简介

四川畅安穿山甲科技有限公司

成立于2017年，注册资本1000万元。坐落于享有“天府之国”美誉的成都，是一家致力于探索土石方工程机械施工路径的科技公司。

公司团队拥有丰富的土石方施工经验，秉承“科技创新，品质卓越”的经营理念，立志于将科技融入现实，以简单有效的方法解决复杂多变的土石方施工难题。

Sichuan Changan Chuanshanjia Technology Co.,Ltd.was established in 2017 with a registered capital of 10 million RMB.Located in Chengdu, which enjoys the reputation of "Land of Abundance",it is a technology company dedicated to exploring the construction path of earth and stone engineering machinery

The company team has rich expeience in eathwork construction,adhering to the business philosophy of "scientific and technological innovation,excellent quality" determined to integrate technology into reality,and solve complex and changeable earthwork construction problems with simple and effective methods.

公司自成立以来不断加大研发投入，注重技术储备及布局。

随着2019年初S系列矿山勾撬臂和J系列分体式岩石臂的问世，连同首款产品C系列一体式钩机臂，畅安穿山甲C/S/J系列产品布局已完成，产品覆盖了市面上大型挖掘机能装配的全部类型的岩石臂属具。

Since its establishment,the company has continuously increased investment in research and development, focusing on technical reserves and layout.

With the launch of the S series Hook Prying Arm and the J series Rock boom&seperate-arm ripper in early 2019, together with the first product C series Rock boom&mono-arm ripper the layout of Chang'an Chuanshanjia C/S/J series products has been completed,the product covers all types of rock arm atachments that can be assembled in the large excavator market.

我们以敬业的态度传承工匠精神，以科学的态度弘扬工匠精神，让工匠精神成为推动公司迈向未来的巨大精神力量！

在未来发展的道路上，让四川畅安穿山甲助您一臂之力！

We inherit the craftsman spirit with a dedicated attitude, carry forward the craftsman spirt with a scientfic attitude, and make the craftsman spirt a huge spiritua force that drives our company into the future!

On the road of future development,let Sichuan Chang'an Chuanshanjia help you!



3000+

全球累计提供项目支持
Project support cases around the world

100+

产品覆盖全球城市数
Number of global cites covered by products

6

类项目覆盖
kinds of project coverage

矿山项目/Mining Project

公路项目/Road Project

管沟项目/Pipe Trench Project

疏浚项目/Dredging Project

隧道项目/Tunnel Project

市政项目/Municipal Project

2017

企业成立
The company was established

一体臂面世
Rock boom&mono-arm ripper was launched



2019

分体臂面世
Rock Boom seperate-arm ripper was launched



2021

隧道臂研发
Research and development of Tunnel Arm

远销非洲
Exporting to Africa



2023

分体臂迭代升级
Rock Boom seperate-arm ripper upgradation



2018

亮相宝马展
Exhibited at bauma CHINA

远销欧洲
Exported to Europe



2020

产品全国覆盖
Product coverage throughout China

远销东南亚
Exporting to Southeast Asia



2022

一体臂迭代升级
Rock Boom mono-arm ripper upgradation



2024

双刀头钩机臂面世
Double blade hook arm was launched



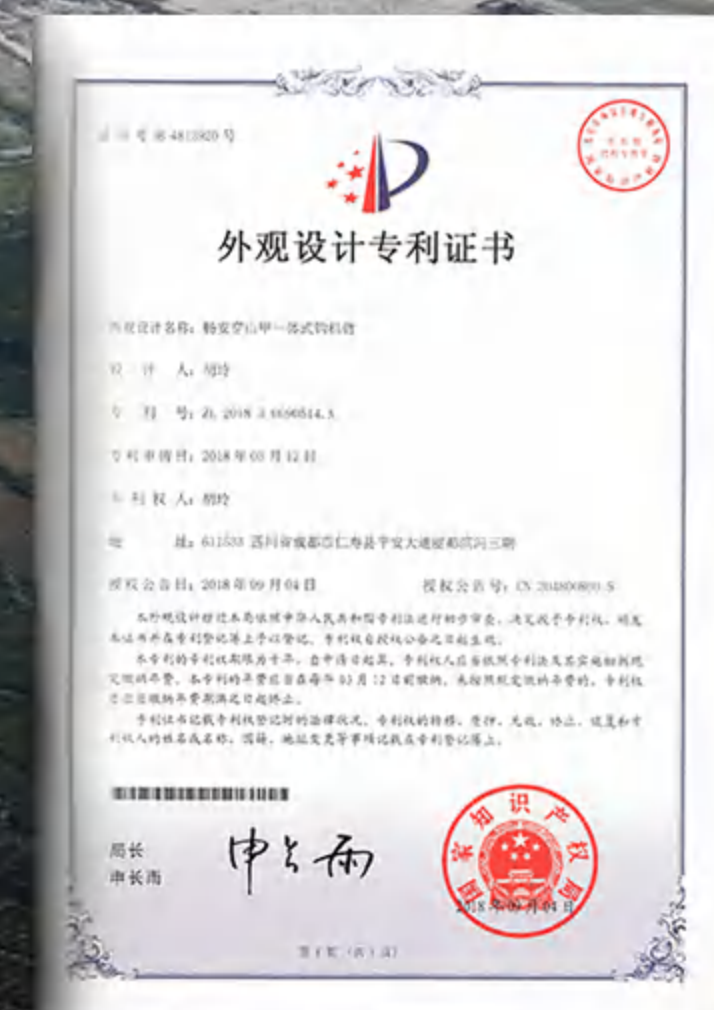
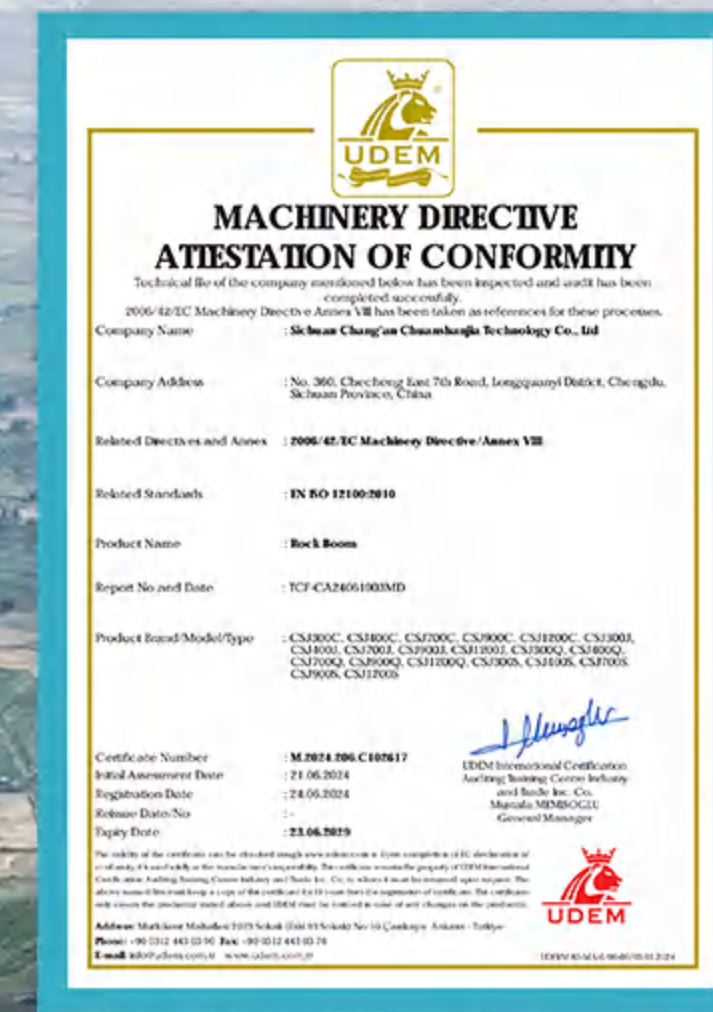
Development trajectory 发展轨迹

“科技创新，品质卓越”
畅安穿山甲自成立以来，在探索免爆破施工领域的技术创新道路上，从未止步

“Scientific and technological innovation, excellent quality”
Since its establishment, Changan Chuanshanjia has never stopped exploring innovative technologies in the field of blast-free construction

Qualification Certificates

资质证书



做到更好，是我们一直以来的坚持。
从产品细节到服务质量，畅安穿山甲从未停下精益求精优化的脚步。

Doing better is our constand insistence.
From product details to service quality, Chang'an chuanshanjia has never stopped pursuit of lean optimization.

产品的每一处细节，都代表着超500小时的研发与优化，每一份来自市场的建议与认可，
都将转化为激励我们奋力前行的动力。

Every detail of the product represents more than 500 hours of research and development and optimization,
and every suggestion and recognition from the market will be transformed into a driving force to encourage us to strive forward.

Mission



企业使命

以全球市场为中心，以客户需求为导向，助力客户创造价值，推动行业持续进步。

Focusing on the global market and oriented by customer needs,
helping customers create value and promoting the continuous progress of the industry

Global Market



全球市场

截止2023年，畅安穿山甲系列产品已覆盖
亚洲、欧洲、北美洲、东南亚、非洲等多个地区。

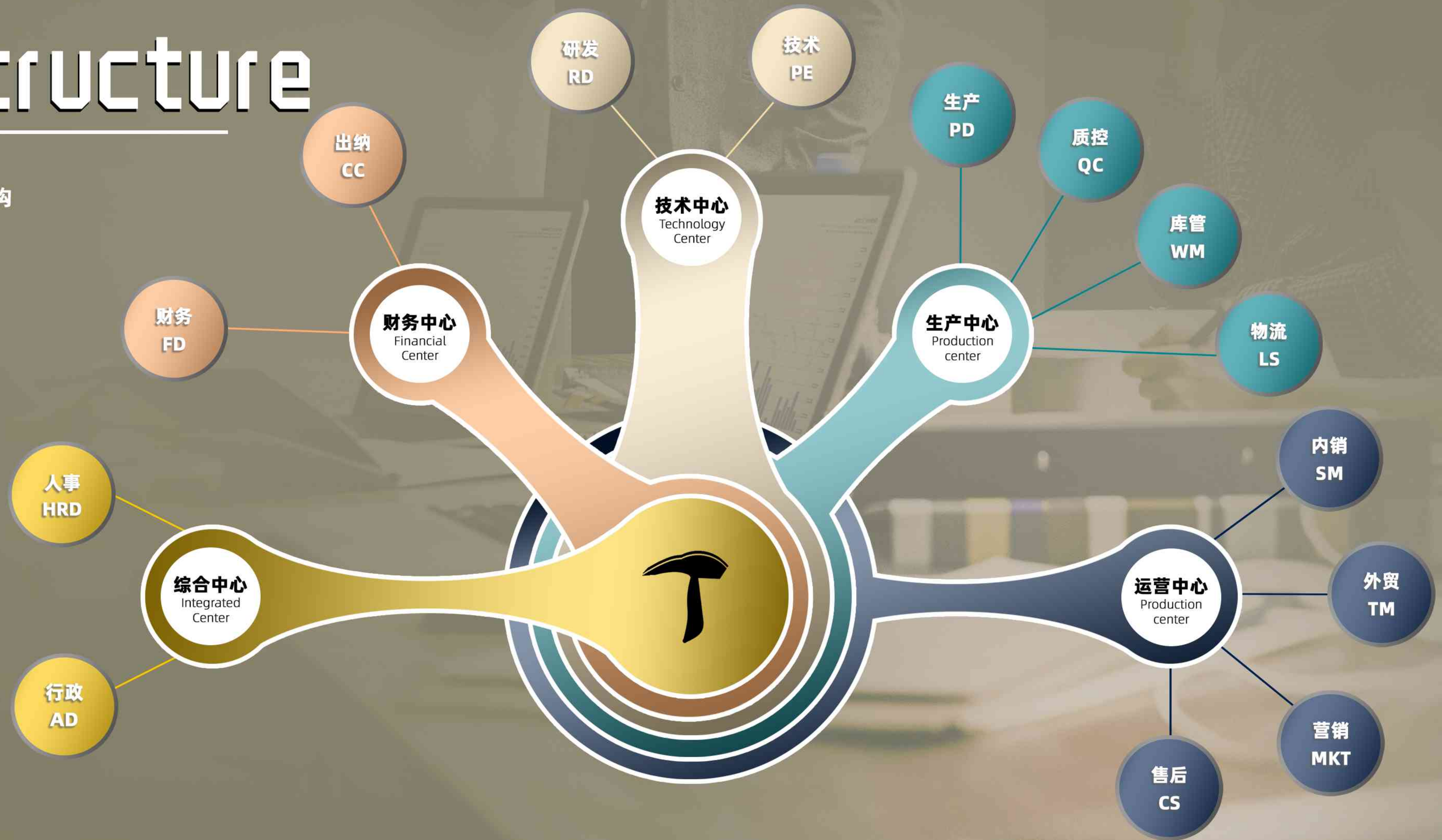
As of 2023, Chang'an pangolin series products have been covered
Asia, Europe, North America, Southeast Asia, Africa and other regions



Organizational structure



组织架构



R&D process



研发流程

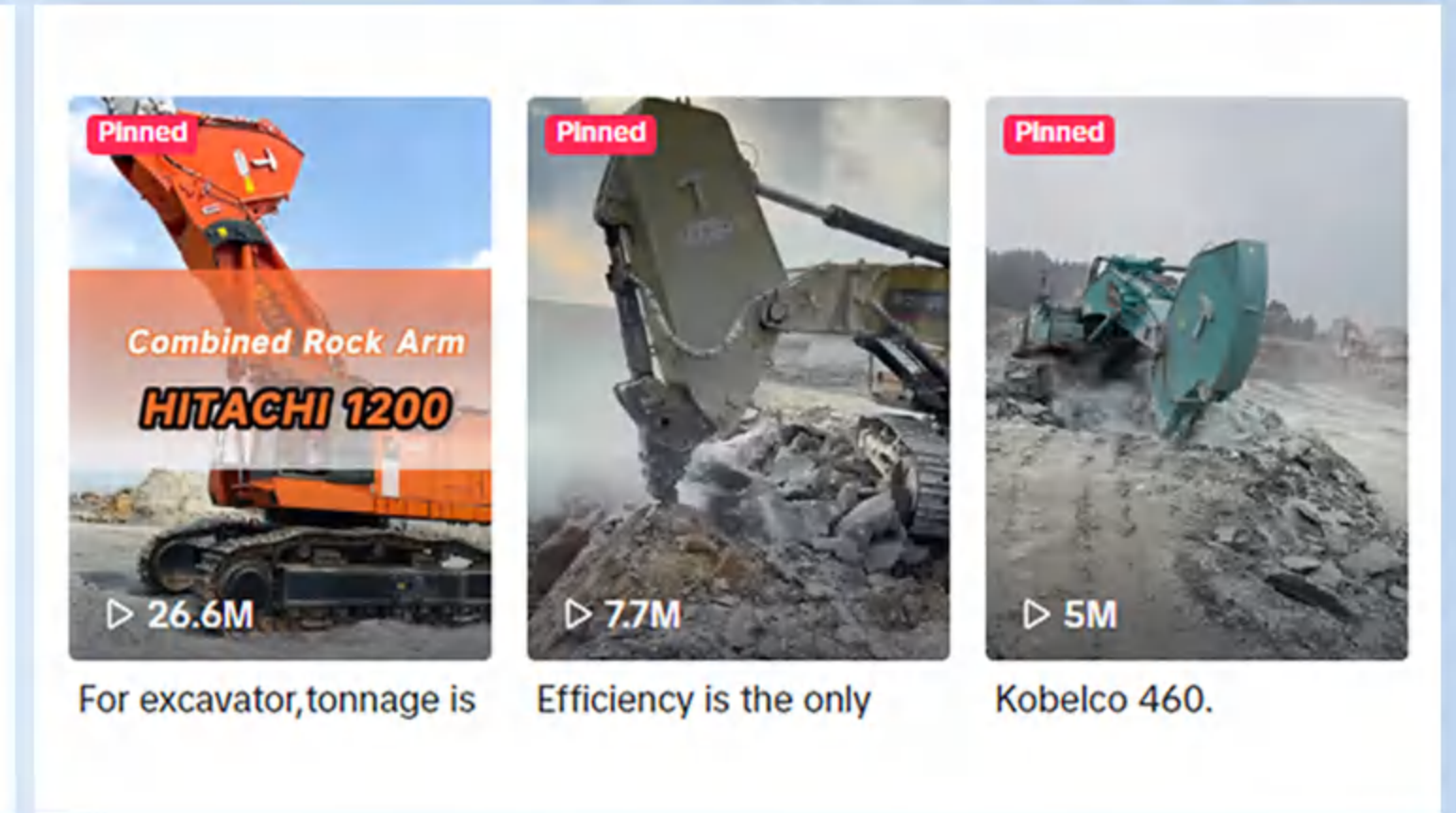


产品研发是一项统合“理想”与“现实”的庞大工作。
从需求捕获到量产上市，每台新型设备的研制需经数千小时乃至数年的艰辛努力。
整个研发过程会使用到数十种材料，上千种零件，涉及了绝大多数的工业制造领域。

Product research and development is a huge task that integrates "ideal" and "reality".
From demand capture to mass production, the development of each new type of equipment takes thousands of hours or even years of hard work.
The entire R&D process will use dozens of materials and thousands of parts, involving most of the industrial manufacturing fields.

畅安穿山甲不仅在技术研发上持续取得突破，而且极为重视知识产权保护。
在专业技术领域，已注册数十项关键技术专利，并多次胜诉商业侵权案件。
在技术创新和专利保护的双重支持下，公司将继续巩固在行业中的领先地位。

Chang'an Chuanshanjia not only continues to achieve breakthroughs in technological research and development, but also places great emphasis on intellectual property protection.
In the field of professional technology, the company has registered dozens of key technology patents and has successfully litigated several commercial infringement cases. Supported by advancements in technology innovation and patent protection, the company will continue to strengthen its leading position in the industry.



Brand influence



品牌影响

多次参展宝马展等世界级展会，为全球从业者展示畅安穿山甲的创新技术和高质量产品。

海外品宣力度在业内名列前茅，通过多渠道的精准营销，成功提升了品牌的国际知名度。TikTok拥有超过十万粉丝，最高视频播放量达2000万+，显示了我们在新兴社交媒体上的强大影响力。同时还在Facebook、LinkedIn和YouTube等平台上进行了全面布局，确保对潜在客户和合作伙伴的全面覆盖，持续扩大品牌的全球影响力。

It has participated in world-class exhibitions such as Bauma for many times, showcasing Chang'an Chuanshanjia innovative technology and high-quality products for global practitioners.

The overseas product promotion efforts are among the best in the industry, and the international popularity of the brand has been successfully enhanced through multi-channel precision marketing. With over 100,000 followers and a top video view of 20 million+, TikTok demonstrates our strong presence on emerging social media. At the same time, it has also carried out a comprehensive layout on platforms such as Facebook, LinkedIn and YouTube. Ensure comprehensive coverage of potential customers and partners to continuously expand your brand's global reach.



Service outlets



服务网点

截止2024年，畅安穿山甲已于全球多个国家建立服务网点，包括中国成都仓库、俄罗斯多个代理商服务点、马来西亚服务点、印度尼西亚服务网点。上述服务网点均可提供从售前考察至售后维保等全链路服务。

以此为依托，畅安穿山甲的全链路服务范围已辐射整个中国、俄罗斯与东南亚地区。

By 2024, Chang'an Chuanshanjia has established service outlets in many countries around the world. Including China Chengdu warehouse, Russian agent service points, Malaysian service points and Indonesian service outlets. The above service outlets can provide full link services from pre-sales inspection to after-sales maintenance.

Relying on this, the full link service scope of Chang'an Chuanshanjia has spread to China, Russian and Southeast Asia.



Leasing business



租赁业务

为满足不同施工时长的用户需求，畅安穿山甲为短期分包制客户和长期项目制客户提供多种量身定制方案。

在保障客户利益，为客户创造更多价值的同时，租赁业务提高了产品的市场化验证的效率，拓宽了收集客户反馈的渠道，助力产品设计改进。

In order to meet the needs of users with different construction periods, Chang 'an Chuanshanjia provides a variety of tailor-made solutions for short-term subcontracting customers and long-term project customers.

While protecting the interests of customers and creating more value for customers, leasing business improves the efficiency of market-oriented verification of products, thus broadening the channels for collecting customer feedback and helping to improve product design.



Quality control



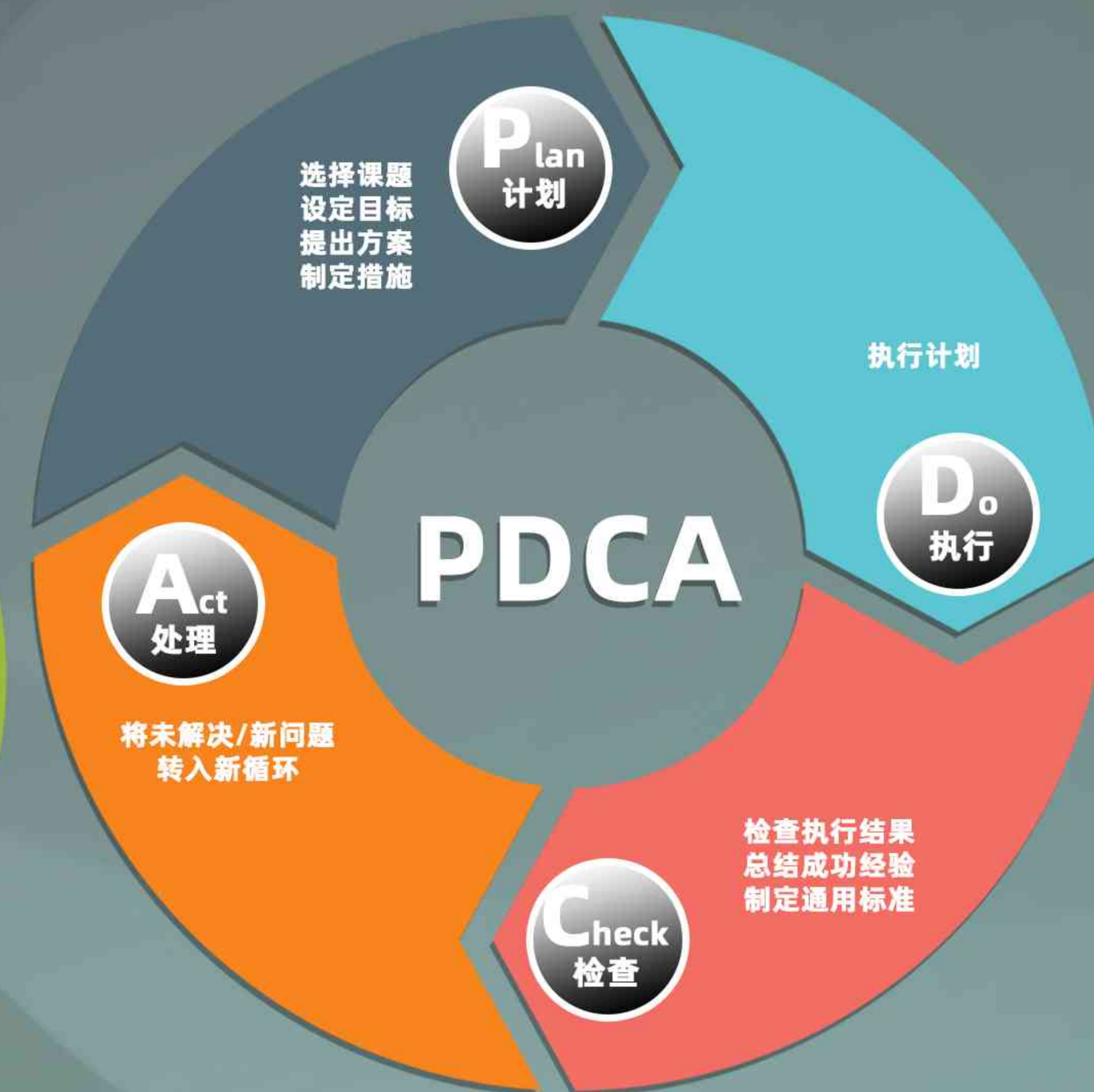
质量管理

生产车间与仓储均采用6S管理办法，保证现场的效率性、持久性、美观性，为产品的高质量交付打下良好的基础。

在内部工作中常态化使用PDCA循环来提高企业绩效。
通过持续的改进、解决问题和流程优化，提高组织的效率和绩效。

The production workshop and warehousing adopt the 6S management method to ensure the efficiency, durability and aesthetics of the site. Lay a good foundation for high-quality delivery of products.

The PDCA cycle is used regularly in internal work to improve business performance. Improve your organization's efficiency and performance through continuous improvement, problem-solving, and process optimization.



Production Environment



生产环境

畅安穿山甲产品生产中心坐落于成都龙泉驿工业园区。

包含产品生产、加工、仓储到物流全链路，为畅安穿山甲公司确立了完善的现代化生产系统。

按照ISO9001生产标准，严抓品控，产品质量与服务备受国际知名挖掘机品牌认可，在行业内享有优良口碑。

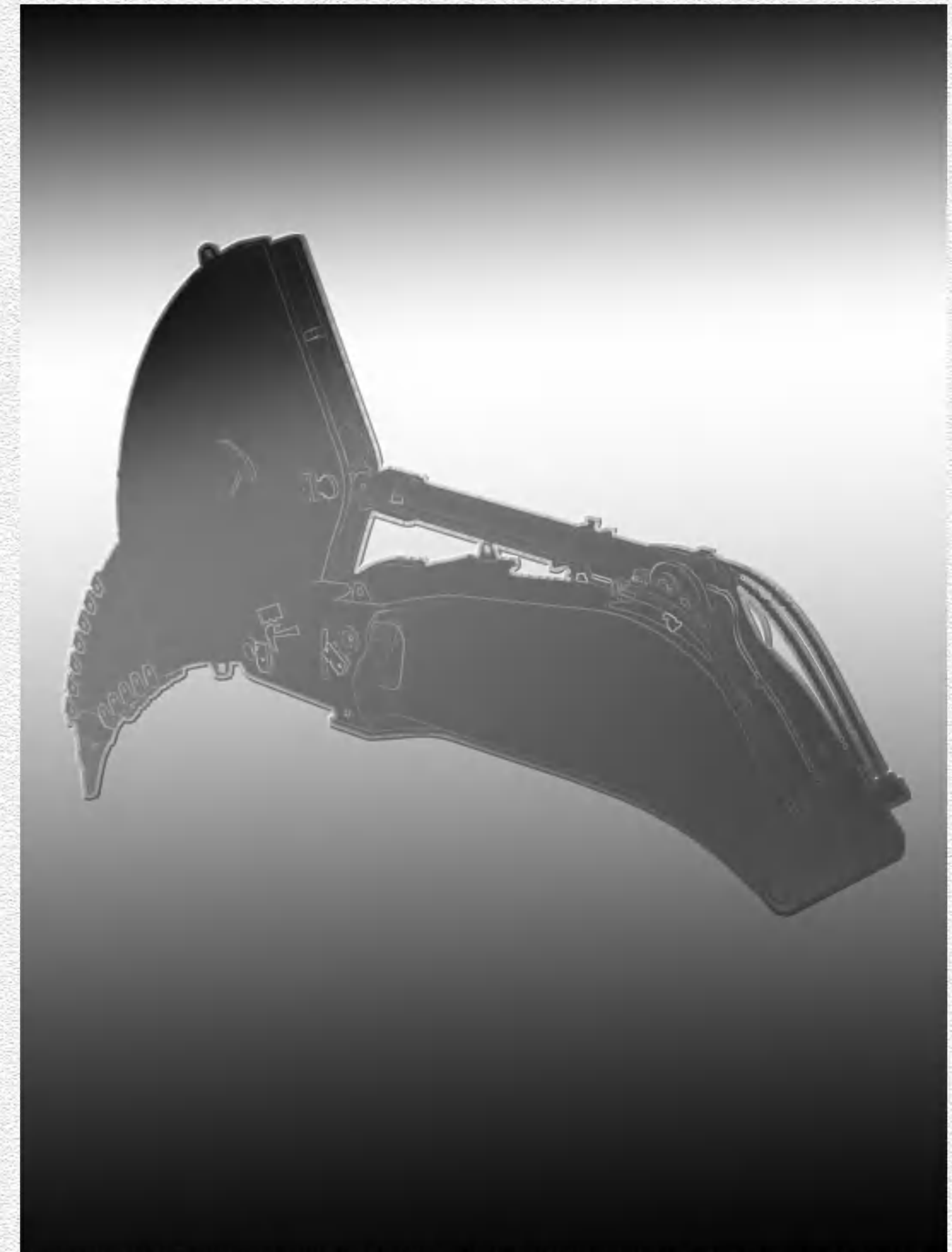
Chang'an Chuanshanjia production center is located in Chengdu Longquanyi Industrial Park.

Including the wholelink of product production,processing,warehousingand logistics,it has established a complete modern producton system for Chang'an Chuanshanjia Company.

In accordance with Is09001 production standards and strict quality control, productqualityand serice have been ecognized byintemationayrenowned excavator brands and enjoyed a good reputation in theindustry.



一体式钩机臂
Rock boom
mono-arm ripper



高效型岩石破碎解决方案

Efficient rock crushing solutions



Rock Boom & mono-arm ripper

一体式钩机臂

2017年，畅安穿山甲自主研发的实用新型专利技术产品：C系列一体式钩机臂正式面世。该产品通过对岩石臂小臂构造的独特创新设计，在传统岩石臂的基础上大量提升了土石方破碎效率与耐用性，兼具易于维保的优点。

In 2017, Chang'an Pangolin's self-developed utility model patented technology product: C series Rock boom&mono-arm ripper was officially launched. Through the unique and innovative design of the rock arm and small arm structure, the product greatly improves the efficiency and durability of earth and rock crushing on the basis of the traditional rock arm, and has the advantages of easy maintenance.

1. 深挖

Deeper

传统分体臂为避免损伤到铲斗油缸，施工深度往往受限于松土器本身的长度规格。一体式钩机臂，整合松土装置与小臂，大幅提高产品整体利用率，打破传统分体臂施工的深度阈值。

The construction depth of the traditional rock arm is often limited by the length specification of the ripper itself in order to avoid damage to the bucket cylinder. The Rock boom&mono-arm ripper integrates the ripper and the stick, which greatly improves the overall utilization rate of the product and breaks the depth threshold of traditional rock arm construction.

2. 快速

Faster

一体式钩机臂采用双泵多阀双进双出的中臂油缸设计，汇集铲斗油缸液压，为小臂收放动作带来双倍流量，缩短单次动作间隔，增加单钩破碎强度，为您带来更顺畅的土石方破碎体验。

The Rock boom&mono-arm ripper adopts the design of the middle arm cylinder with double inlet, double outlet, double pump and multi-valve, which collects the hydraulic pressure of the bucket cylinder, brings double the flow rate for the retraction and release action of the forearm, shortens the single action interval, and increases the single hook crushing strength. Bring you a smoother earth and stone crushing experience.

3. 耐用

Durable

主板采用低碳高强度合金钢组成，结构致密完整，故障率降低90%，辅以业内首创的耐磨块防护设计，低维护成本，高修复效率，让您不再为耽误施工而操心。

strength alloy steel, with a compact and complete structure. The main board is composed of low-carbon and high-strength alloy steel, and the failure rate is reduced by 90%. Coupled with the industry's first wear-resistant block protection design, low maintenance costs and high repair efficiency, you no longer need to worry about delaying construction.

2000

良好工况下施工深度可达2000mm
The construction depth can reach 2000mm in good working conditions

30%

双泵油缸双倍动力，出钩效率提高30%
Double power of double pump oil cylinder, work efficiency increased by 30%

90%

一体式结构，故障率减少90%
Integrated structure failure rate reduced by 90%

Product components

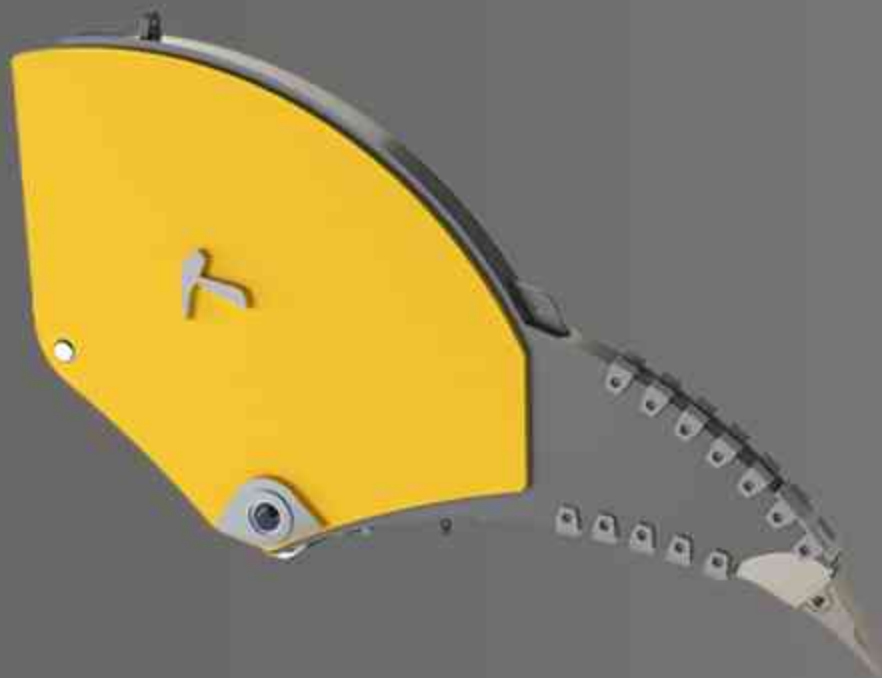
组成部件



小臂/Arm

主板由整块高锰合金钢切割而成，一体式设计结构致密完整，配有齿座、斗齿、耐磨块等配件

The motherboard is cut from a whole piece of high-manganese alloy steel, and the one-piece design structure is dense and complete, equipped with tooth holders, bucket teeth, wear-resistant blocks and other accessories



中臂油缸/Arm cylinder

一体式钩机臂仅需一根中臂油缸，无需配置铲斗油缸，可升级优质恒力油缸

The Rock boom&mono-arm ripper requires only one mid-arm cylinder and no bucket required oil cylinder, which can be upgraded with high-quality Hengli cylinder



大臂与液压管路/Boom and hydraulic line

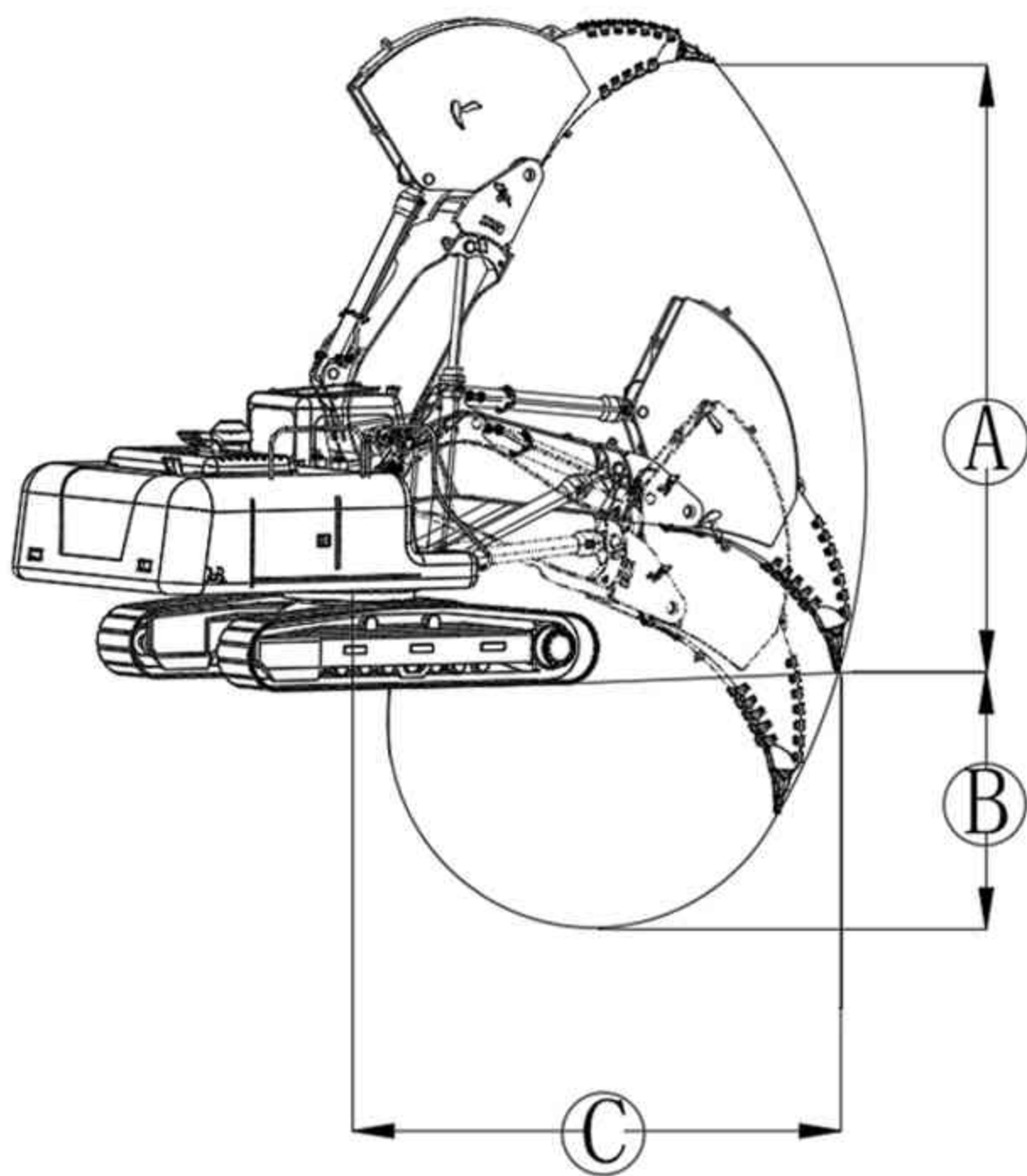
定制化生产符合挖掘机主机的大臂，附带液压管路，您只需要准备好一台主机与大臂油缸即可

Customized production of the boom that fits the main engine of the excavator, with hydraulic pipes road, you only need to prepare a main engine and boom cylinder



Product parameters

产品参数



项目/系列 Project/Series	CSJ400C (40吨/Ton)	CSJ700C (70吨/Ton)	CSJ900C (90吨/Ton)	CSJ1200C (120吨/Ton)
总重量 Total weight	17500-18500kg	25000-27000kg	30000-32000kg	43000-46000kg
最大挖掘高度 (A) Maximum digging length	7000mm	8200mm	8600mm	11000mm
最大挖掘深度 (B) Maximum digging depth	1900mm	2100mm	2300mm	2500mm
最大挖掘距离 (C) Maximum digging distance	6600mm	7500mm	7800mm	8000mm
大臂运输尺寸 Boom transport size	4800*1300*1650mm	5400*1450*1700mm	6000*1600*1850mm	6300*1700*2050mm
小臂运输尺寸 Arm transport size	5200*2180*430mm	5300*2350*700mm	6000*2350*700mm	6000*2350*770mm

实际数据根据挖掘机品牌型号的不同会产生部分差异,该数据仅供参考
The actual data will have some differences depending on the brand and model of the excavator. This data is for reference only

APPCABLE HARDNESS
适用工况



实际效果受机型、工况、操作等多方因素影响，
该数据仅供参考
The actual effect is influenced by the model, working conditions,
operation, etcDue to multiple factors, this data is for reference only

推荐机型

Recommended model

岩石抗压强度

Rock compressive strength

CSJ1200C	匹配120T挖机 Match 120T excavator		28-35MPa
CSJ900C	匹配90T挖机 Match 90T excavator		25-32MPa
CSJ700C	匹配70T挖机 Match 70T excavator		20-28MPa
CSJ400C	匹配40T挖机 Match 40T excavator		15-25MPa

岩层硬度/设备 Rock hardness/Equipment	CSJ400C	CSJ700C	CSJ900C	CSJ1200C
15-25MPa	180-220m³/h	210-250m³/h	250-280m³/h	300-320m³/h
20-28MPa	160-200m³/h	180-230m³/h	220-260m³/h	240-310m³/h
25-32MPa	100-180m³/h	120-210m³/h	150-250m³/h	200-300m³/h
28-35MPa	————	————	110-220m³/h	140-240m³/h

出方效率参考
Excavation efficiency reference

分体式岩石臂
Rock boom
seperate-arm ripper



通用型岩石破碎解决方案
Universal rock crushing solutions



Rock Boom & seperate-arm ripper

分体式岩石臂

1. 稳固

More stable

常见松土器采用嵌入式结构，在挖掘碎岩过程中，容易出现插销脱落等故障，分散挖掘动力。分体式岩石臂采用了整体式松土器结构，降低额外故障风险，聚力稳固，使用寿命更长。

The traditional ripper adopts an embedded structure. In the process of excavating the crushed rock, failures such as the bolt falling off are prone to occur, which disperses the excavation power. The Combined Rock Arm adopts an integral ripper structure to reduce the risk of additional failures, with stable cohesion and longer service life.

2. 灵活

More flexible

铲斗油缸独立增压，提升分体式岩石臂施工切入角度30°，便于操作员寻找岩石薄弱点破碎，开挖土方事半功倍。

The bucket oil cylinder is independently pressurized, and the construction cut-in angle of the Combined Rock Arm is increased by 30°, which is convenient for the operator to find the weak point of the rock and break it, and excavate the earth more easily.

2019年，畅安穿山甲自主研发出了J系列分体式岩石臂产品，该产品更注重施工通用性，在松土器结构、松土器与小臂连接处等多个维度进行迭代优化，与常见岩石臂产品相比，稳定性与灵活性大大提升。

In 2019, Chang'an Chuanshanjia independently developed the J series Rock boom & seperate-arm ripper product, which pays more attention to construction versatility and iteratively optimizes multiple dimensions such as the structure of the ripper and the connection between the ripper and the small arm, which greatly improves the stability and flexibility compared with common rock arm products.

3. 易更换

Easy replacement

松土器可拆卸，随时随地可进行更换，最大化保障项目施工流畅度。

The ripper is removable and can be replaced anytime and anywhere, to guarantee the smoothness of project to maximum extent.

1500

良好工况下施工深度可达1500mm
The construction depth can reach 1500mm in good working conditions

30%

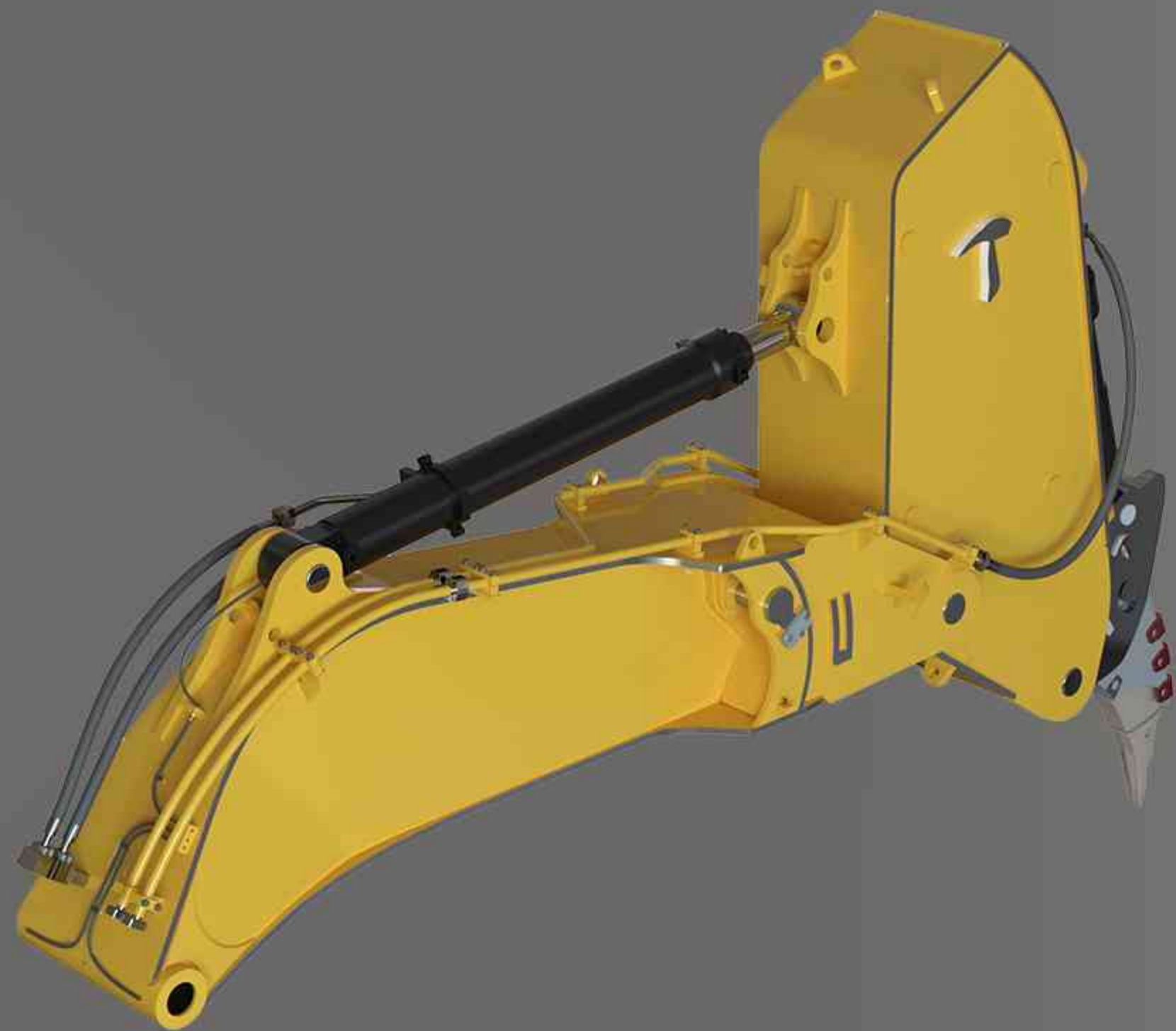
施工切入角度提高30°
Construction cut-in angle increased by 30°

70%

覆盖式松土器，故障率减少70%
Covered ripper, failure rate reduced by 70%

Product components

组成部件



小臂/Arm

由整块高锰合金钢切割焊接而成，结构致密完整，实际外形根据主机型号调整

It is cut and welded from a whole piece of high manganese alloy steel the structure is compact and complete, and the actual shape is adjusted according to the model of the host

油缸/Cylinder

包含中臂油缸与铲斗油缸，可升级优质恒立油缸

Including Arm cylinder & Bucket cylinder can be upgraded to Hengli cylinder with high quality

大臂与液压管路/Boom and hydraulic line

定制化生产符合挖掘机主机的大臂，附带液压管路，您只需要准备好一台主机与大臂油缸即可

Customized production of the boom that fits the main engine of the excavator, with hydraulic pipes road, you only need to prepare a main engine and boom cylinder

松土器/Ripper

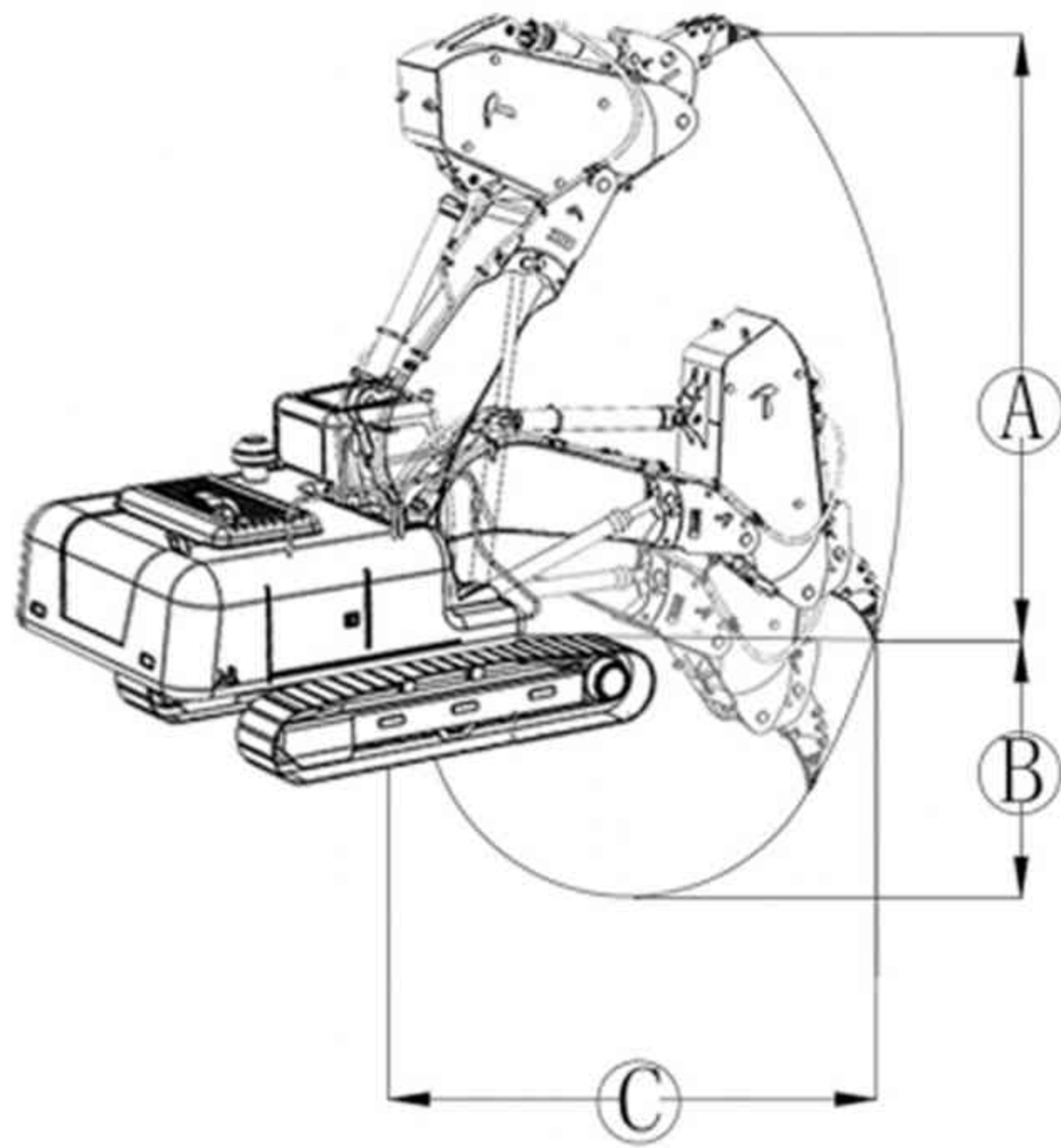
独家设计松土器，内嵌式刀板设计，大幅降低故障率，提高整体施工表现

Exclusive design of soil loosening device, embedded blade design, significantly reducing failure rate and improving overall construction performance



Product parameters

产品参数



项目/系列 Project/Series	CSJ400J (40吨/Ton)	CSJ700J (70吨/Ton)	CSJ900J (90吨/Ton)	CSJ1200J (120吨/Ton)
总重量 Total weight	18500-19000kg	25000-27000kg	30000-32000kg	43000-46000kg
最大挖掘高度 (A) Maximum digging length	7000mm	8300mm	9600mm	11000mm
最大挖掘深度 (B) Maximum digging depth	1600mm	1800mm	2000mm	2400mm
最大挖掘距离 (C) Maximum digging distance	6600mm	6900mm	7200mm	8000mm
大臂运输尺寸 Boom transport size	4800*1300*1650mm	5400*1450*1700mm	6000*1600*1850mm	6300*1700*2050mm
小臂运输尺寸(含松土器) Arm transport size(incudes ripper)	4900*2200*900mm	4900*2200*900mm	5450*2450*1000mm	5100*2800*1070mm

实际数据根据挖掘机品牌型号的不同会产生部分差异,该数据仅供参考
The actual data will have some differences depending on the brand and model of the excavator. This data is for reference only

APPCABLE HARDNESS
适用工况



实际效果受机型、工况、操作等多方因素影响，
该数据仅供参考
The actual effect is influenced by the model, working conditions,
operation, etcDue to multiple factors, this data is for reference only

推荐机型 Recommended model	岩石抗压强度 Rock compressive strength
CSJ1200J 匹配120T挖机 Match 120T excavator	28-35MPa
CSJ900J 匹配90T挖机 Match 90T excavator	25-32MPa
CSJ700J 匹配70T挖机 Match 70T excavator	20-28MPa
CSJ400J 匹配40T挖机 Match 40T excavator	15-25MPa

岩层硬度/设备 Rock hardness/Equipment	CSJ400J	CSJ700J	CSJ900J	CSJ1200J
15-25MPa	160-190m³/h	180-210m³/h	220-250m³/h	260-290m³/h
20-28MPa	140-170m³/h	160-190m³/h	200-230m³/h	240-270m³/h
25-32MPa	110-160m³/h	130-180m³/h	170-220m³/h	220-260m³/h
28-35MPa	————	————	140-200m³/h	200-240m³/h

出方效率参考
Excavation efficiency reference

Mining project

矿山项目

在中国，露天采矿场主要集中在西北地区(内蒙古、山西、新疆、宁夏、甘肃等地),畅安穿山甲已为多个煤矿、有色金属矿项目提供了完善的岩层剥离解决方案。

In China, open-pit mining area are mainly distributed in the Northwest (Inner Mongolia, Shanxi, Xinjiang, Ningxia, Gansu, etc.) and Chang'an Chuanshanjia has provided perfect rock stripping solutions for many coal mines and non-ferrous metal mines.



降本增效，提高岩层剥离收益率

Reduce costs and increase efficiency,
and improve the yield of rock stripping



碎岩粒径更小,降低破碎机故障率,提高产量

Gravel is smaller in size, reduce the failure rate of the crusher,
increase yields



低噪音污染，绿色矿山更环保

Low noise pollution,
green mines are more environmentally friendly



精准破碎，边坡稳定更安全

Precise crushing, slope stability and safer



破碎效率更高
More efficient crushing



成本远低于炸药爆破，无需爆破资质
The cost is much lower than explosive blasting,
and no blasting qualification is required



更安全&更环保
Safer&Greener



碎岩粒径更小，运输更方便
The crushed rock has a smaller particle size
and is more convenient to transport

Road project

公路项目

公路项目具备周期长，投资大，工况复杂的特点。同时伴随着多个国家对于炸药爆破的监管政策逐渐收紧，采用岩石臂产品进行土石方破碎工作已经成为一种高性价比选择。

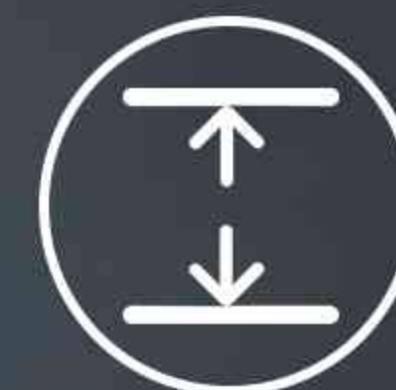
Road projects have the characteristics of long cycle, large investment and complex working conditions. At the same time, with the gradual tightening of regulatory policies for explosives blasting in many countries, the use of Rock boom products for earthwork crushing has become a high-cost choice.

Piping project

管道项目

管线项目大多横跨多个地区，通常会面对严格的环保要求，爆破资质申请十分复杂，一台拥有超深挖掘深度、并能减少重复作业的一体式钩机臂，能让您的施工选择更加灵活。

Most pipeline projects span multiple regions and usually face strict environmental protection requirements. Application for blasting qualifications is very complicated. An Rock boom&mono-arm ripper with ultra-deep excavation depth and the ability to reduce repetitive operations can make your construction choices better. More flexible.



2米超深挖掘
2 meters deep excavation



一次完工，减少重复作业成本
One-time completion, reducing repetitive



更安全&更环保
safer&Greene



免爆破，施工更灵活
No blasting, more flexible construction





可深度涉水作业，一体式结构无故障风险

It can be used for deep water wading operations,
and the integrated structure has no risk of failure.



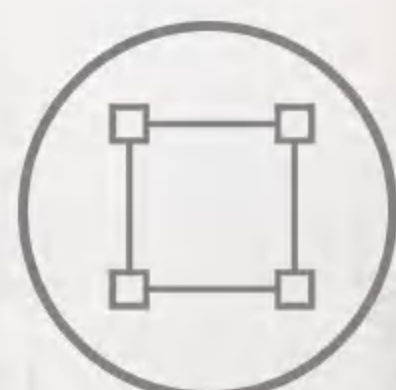
破碎力度更大，河床清淤效果更强

The crushing force is greater and the
river bed dredging effect is stronger



更安全&更环保

Safer&Greener



适合硬土河床，疏浚航道更稳固

It is suitable for hard soil riverbed,
and the dredging channels more stable

Dredging project

疏浚项目

疏浚项目在硬质岩河床施工时，往往会由于破碎锤无法涉水作业、水下爆破成本高等因素导致施工效率不理想，同时分体式岩石臂维护成本更高，在这种情况下，能够深水作业的一体式钩机臂具有巨大的经济效益优势。

When dredging projects are constructed on hard rock riverbeds, the breaker often cannot penetrate the river bed. Factors such as the high cost of water operations and underwater blasting lead to unsatisfactory construction efficiency. Rock booms are more expensive to maintain and in this case are capable of deep water. The Rock boom&mono-arm ripper has huge economic advantages.

Tunnel project

隧洞项目

隧洞项目重视对地质水文条件的施工影响，特别是施工安全性，一体式钩机臂具备围岩扰动少，控制断面准确等安全施工特质，更契合隧洞项目施工。

Tunnel projects attach great importance to the impact of construction on geological and hydrological conditions, especially construction safety. The Rock boom&mono-arm ripper has safe construction characteristics such as less disturbance of surrounding rocks and accurate control of cross sections, which is more suitable for tunnel project construction.



山体结构干扰小，施工更安全
Less interference from the mountain structure,
safer construction



可控性更强，标准化施工无超欠挖
Stronger controllability, standardized construction
without excessive or under-excavation



更安全&更环保
safer&Greene



低故障率，维保成本低
Low failure rate, low maintenance cost



灵活施工，操作性更佳
Flexible construction, better operability



低噪音环境影响
Less noise impact on the environment



免爆施工，无需爆破资质
Explosion-free construction,
no blasting qualification required



比破碎锤更经久耐用，损耗率更低
More durable than breaker hammer with lower loss rate



Municipal project

市政项目

市政工程往往工期较短，动迁量大，同时由于在城市内施工，对于环保的要求通常较高，多维度考量，灵活且低噪音的岩石臂产品，更符合市政施工的要求。

Municipal projects often have short construction periods and large amounts of relocation. At the same time, because they are constructed in cities, the requirements for environmental protection are usually higher. Multi-dimensional considerations, flexible and low-noise Rock boom products are more in line with the requirements of municipal construction.



Installation guide

安装指南

Rock Boom mono-arm ripper

一体式钩机臂



1. 拆除原车动臂、小臂、挖斗及附属液压油缸
1.Remove the original vehicle boom,stick,bucket and auxiliary hydraulic cylinder



2. 将大臂安装在车架上，将大臂举升油缸与大臂铰链
2.Install the boom on the frame,combine the boom cylinder and boom



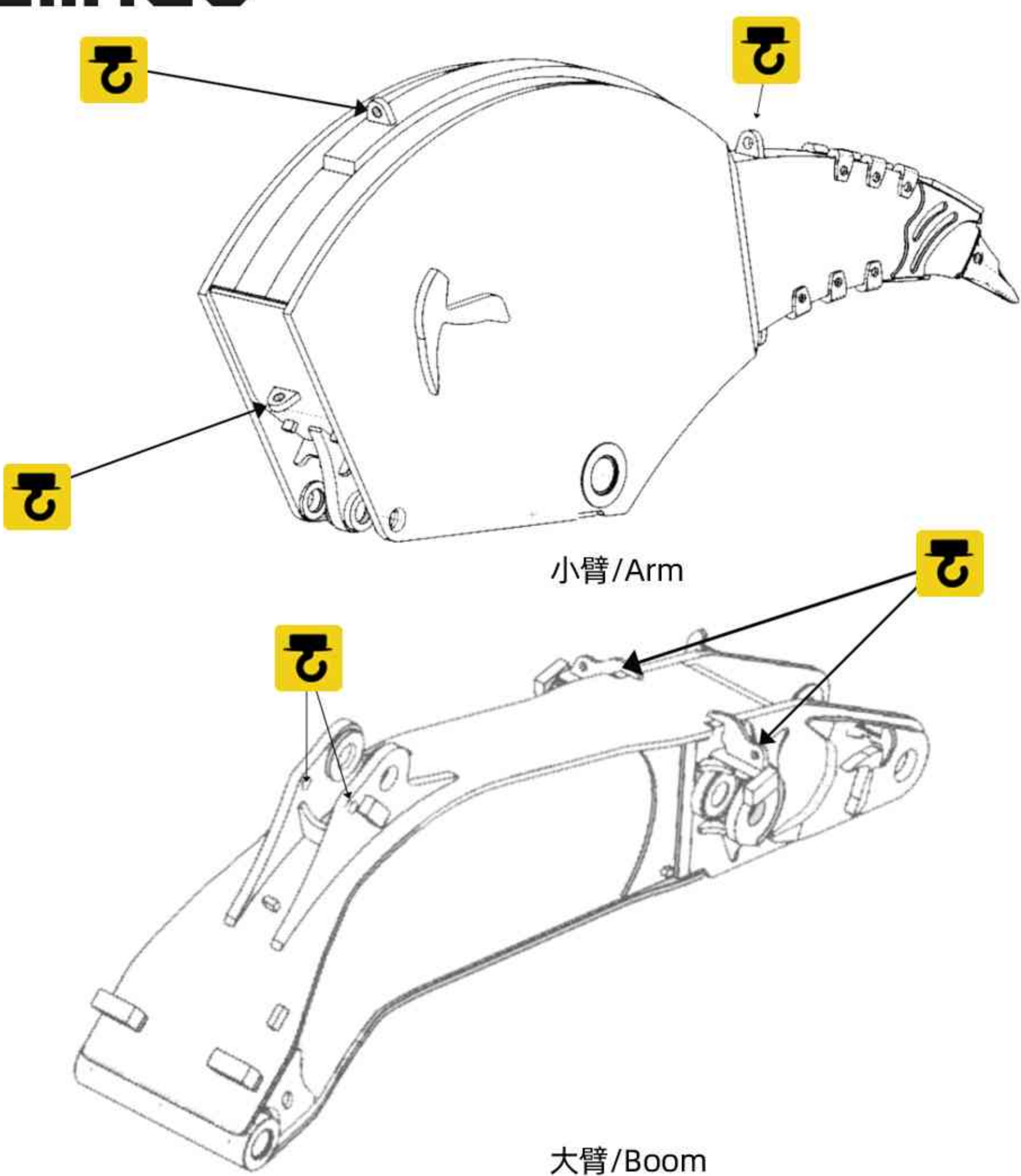
3. 将小臂与动臂铰链
3.Combine arm and boom



4. 将中臂油缸与小臂铰链并连接中臂油缸液压管路
4.Hinge the arm cylinder and arm,and connect the hydraulic pipeline of the arm cylinder

Hoisting guidelines

吊装指引





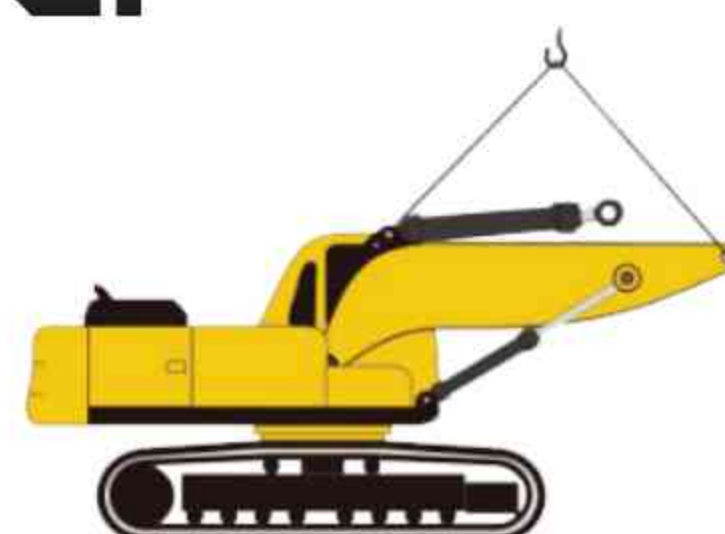
Guide d'installation

Rock Boom seperate-arm ripper

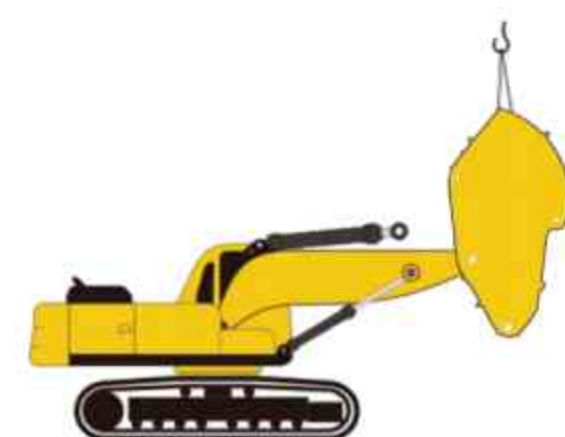
分体式岩石臂



1. Enlever la flèche d'origine, le petit bras, le godet et le cylindre hydraulique auxiliaire



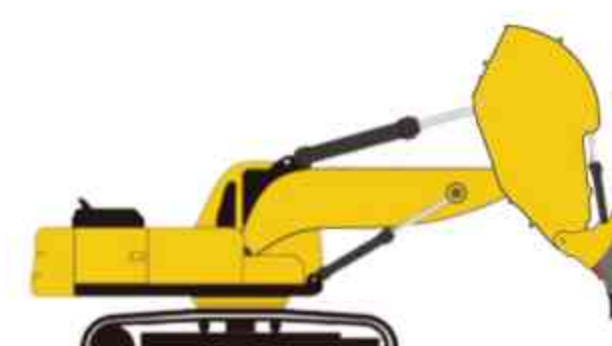
2. Installez le grand bras sur le cadre, Soulevez le cylindre de carburant du grand bras avec la charnière du grand bras



3. Charnière petit bras avec flèche



4. Charnière du cylindre du bras central avec le petit bras et connexion de la ligne hydraulique du cylindre du bras Central



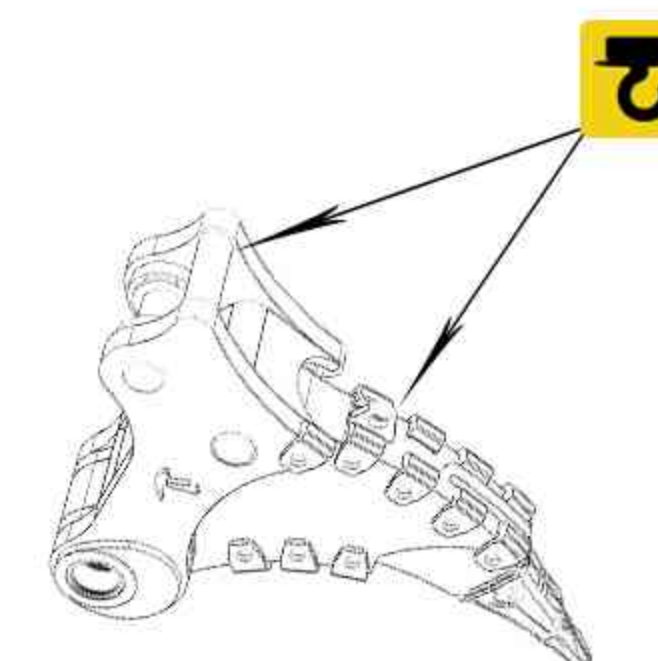
5. Charnière du scarificateur avec petit bras et connexion du cylindre du godet au tapis anti - poussière

Guide de levage

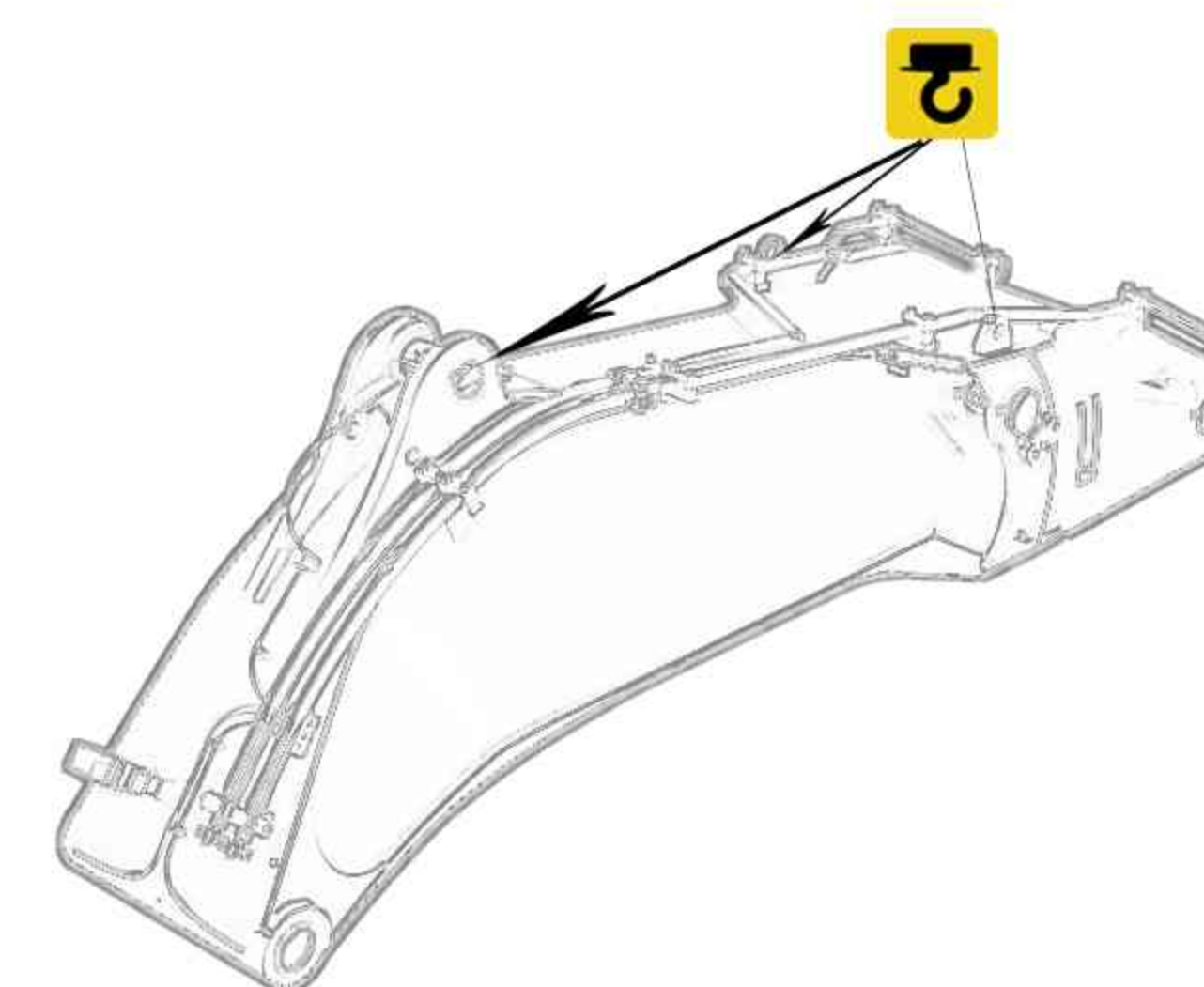
吊装指引



Bras



Scarificateur



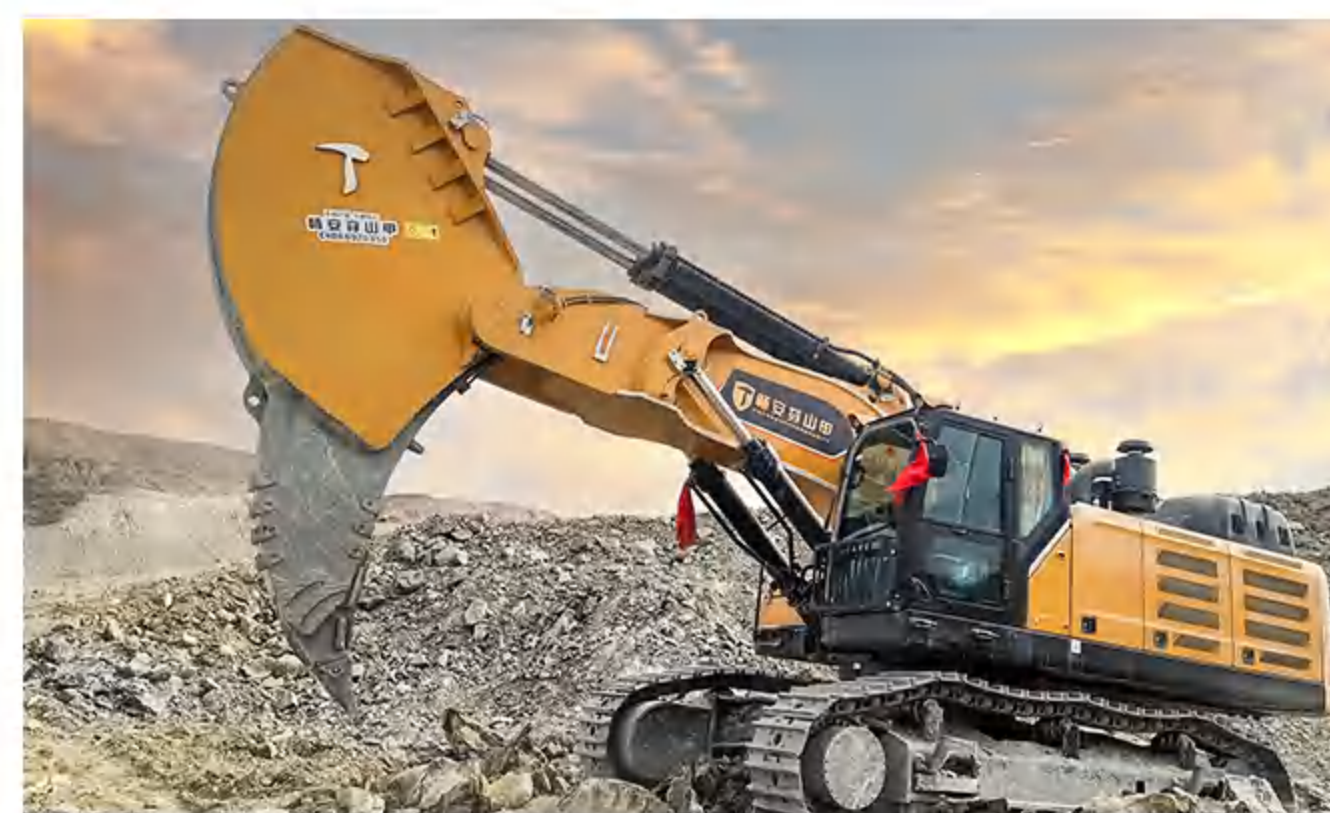
Flèche



Case presentation 案例展示



三一485 一体式钩机臂
SANY485 Rock boom&mono-arm ripper



三一650 一体式钩机臂
SANY650 Rock boom&mono-arm ripper



三一650 分体式岩石臂
SANY650 Rock boom&seperate-arm ripper



三一750 分体式岩石臂
SANY750 Rock boom&seperate-arm ripper



徐工700 一体式钩机臂
XCMG700 Rock boom&mono-arm ripper



徐工700 一体式钩机臂
XCMG700 Rock boom&mono-arm ripper



徐工550 分体式岩石臂
XCMG550 Rock boom&seperate-arm ripper



徐工700 分体式岩石臂
XCMG700 Rock boom&seperate-arm ripper



CATERPILLAR



卡特349 一体式钩机臂
CAT349 Rock boom&mono-arm ripper



卡特349 一体式钩机臂
CAT349 Rock boom&mono-arm ripper



卡特349 分体式岩石臂
CAT349 Rock boom&seperate-arm ripper



卡特349 分体式岩石臂
CAT349 Rock boom&seperate-arm ripper



HITACHI



日立490 一体式钩机臂
Hitachi490 Rock boom&mono-arm ripper



日立690 一体式钩机臂
Hitachi690 Rock boom&mono-arm ripper



日立890 分体式岩石臂
Hitachi890 Rock boom&seperate-arm ripper



日立1200 分体式岩石臂
Hitachi1200 Rock boom&seperate-arm ripper



柳工950 一体式钩机臂
LiuGong950 Rock boom&mono-arm ripper



柳工956 一体式钩机臂
LiuGong956 Rock boom&mono-arm ripper



柳工950 一体式钩机臂臂
LiuGong950 Rock boom&mono-arm ripper



柳工950 分体式岩石臂
LiuGong950 Rock boom&seperate-arm ripper



KOBELCO



神钢350 一体式钩机臂
Kobelco350 Rock boom&mono-arm ripper



神钢460 一体式钩机臂
Kobelco460 Rock boom&mono-arm ripper



神钢480 一体式钩机臂臂
Kobelco480 Rock boom&mono-arm ripper



神钢500 分体式岩石臂
Kobelco500 Rock boom&seperate-arm ripper



KOMATSU



小松360 一体式钩机臂
Komatsu360 Rock boom&mono-arm ripper



小松460 一体式钩机臂
Komatsu460 Rock boom&mono-arm ripper



小松500 分体式岩石臂
Komatsu460 Rock boom&seperate-arm ripper



小松800 一体式钩机臂
Komatsu800 Rock boom&mono-arm ripper



VOLVO



沃尔沃480 一体式钩机臂
Volvo480 Rock boom&mono-arm ripper



沃尔沃550 一体式钩机臂
Volvo550 Rock boom&mono-arm ripper



沃尔沃550 分体式岩石臂
Volvo550 Rock boom&seperate-arm ripper



沃尔沃950 分体式岩石臂
Volvo950 Rock boom&seperate-arm ripper



DOOSAN



斗山500 一体式钩机臂
Doosan500 Rock boom&mono-arm ripper



斗山500 一体式钩机臂
Doosan500 Rock boom&mono-arm ripper



斗山500 一体式钩机臂
Doosan500 Rock boom&mono-arm ripper



斗山500 分体式岩石臂
Doosan500 Rock boom&seperate-arm ripper



More Brand

更多品牌



凯斯470 一体式钩机臂
Case470 Rock boom&mono-arm ripper



特雷克斯H30 一体式钩机臂
TEREXH30 Rock boom&mono-arm ripper



临工500 一体式钩机臂
SDLG500 Rock boom&mono-arm ripper



住友480 一体式钩机臂
Sumitomo Rock boom&mono-arm ripper