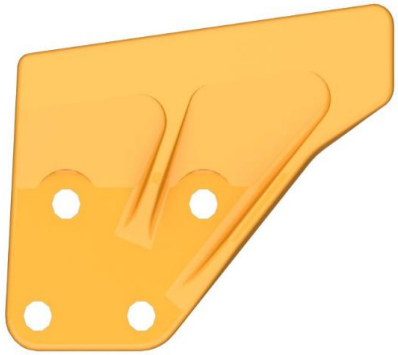
Bucket Edge

7Y0203



Main specification parameter for Bucket Edge

Brand	Model	Product Name	Part Number
Caterpillar	CAT 320D	Bucket Edge	7Y0203

Compatible Equipment Models: CAT 320D

We are committed to providing a variety of parts including bulldozers, excavators and wheel loaders for well-known brands such as Carter and Komatsu. Our product line covers a full range of OEM parts, such asTrack Chain, Track Rollers, Sprocket, Excavator Buckets, Blades, Excavator Cylinders, Swing Circles, and various electrical and hydraulic components to ensure that our customers' stringent requirements for quality and performance are met.



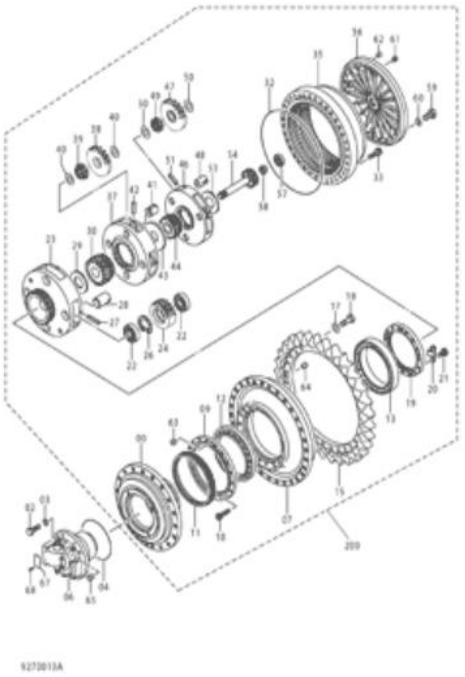


Stone (Shanghai) Engineering Machinery Co., Ltd. is a leading supplier of engineering machinery parts, focusing on providing high-quality parts for mining companies. Since its establishment in 2004, we have been based in Shanghai, China, and have built our own brand STONE, becoming a trusted choice in the industry.

Bucket Edge

7Y0203

Product Detail



Product Name	Bucket Edge
Part Number	7Y0203
Origin	US
Brand Name	STONE
Model	320D
Price	Negotiable
Packing Details	Standard Export Packing
Delivery Time	0-30 Days
Payment Term	L/C, T/T
Price Term	FOB, CIF, CFR
Supply Capacity	50,000 PCS/Month
Minimum Order Quantity	1 PC
Material	High Quality Steel
Technology	Precision Machining
Surface	Treatment Anti-Corrosion Coating
Hardness	HRC 48-52
Quality	Original Factory Standard
After-Sales Service	Full Support, Online Service
Color	Customizable
Application	CAT 320D Excavator
Customizable	including customized materials, surface treatment and specifications

STONE Company Brochure

E-mail:darren@stone-mining.com
Tel:+86 18101627794(Wechat/WhatsApp)
Address:No. 348 Huajiang Road, Room 221, Shenyao Art Center, Jiading District, Shanghai

Group Expansion



Qunding Sports undertakes construction of stadiums, golf courses, football fields and other sports facilities.
群鼎体育承接体育馆、高尔夫球场、足球场等各类体育设施的建设工程。

STONE brand was established, focusing on the mining equipment industry and providing one-stop parts supply services.
STONE品牌正式创立，专注于矿山设备行业，提供一站式配件供应服务。

Denaiyou specializes in the R&D and production of turf maintenance machinery.
德耐优专业从事草坪养护机械的研发与生产。

STONE Process



About Us

STONE is a professional company focusing on mining equipment parts, providing customers with one-stop solutions for mining parts including R&D, supply and technical services. Our company has its own brand STONE and has established a professional R&D and service team of more than 30 people.Our core team has been deeply involved in the construction machinery industry for more than 20 years.

At STONE, we are committed to our mission:
Building The World Together!

Original Equipment Manufacturers

STRATEGIC PARTNERS（战略合作伙伴）——

Leading Equipment OEMs（主流设备原厂制造商）

About

We maintain long-term strategic cooperation with leading global equipment OEMs, enabling full-vehicle parts compatibility across major brands. This OEM-level collaboration ensures every part meets strict technical standards and delivers reliable performance in mining operations.

我们与全球领先的设备原始设备制造商（OEM）保持长期战略合作，从而实现了各大品牌整车零部件的全面兼容。这种OEM级别的协作确保了每一个零部件均符合严格的技术标准，并在采矿作业中提供可靠的性能表现。

CATERPILLAR

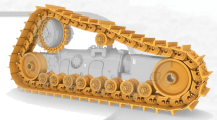
HITACHI

XCMG

SHANTUI

KOMATSU

CONTENTS

01 UNDERCARRIAGE PARTS 

02 GROUND ENGAGING TOOLS 

03 HYDRAULIC PARTS 

04 ENGINE PARTS 

05 OTHER EQUIPMENT PARTS 

UNDERCARRIAGE PARTS





Brand model Machines

Mining Class	> 100 Tonne
Plate Lip	< 350 Tonne
Cast Lip	> 350 Tonne

CAT
HEX



6015 - 140 t | 6020 - 230 t | 6030 - 270 t | 6040 - 370 t | 6060 - 560 t | 6090 - 980 t

KOMATSU
HEX



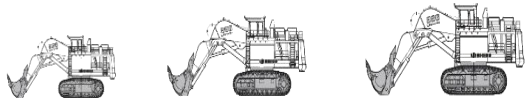
PC1250 - 100 t | PC2000 - 200 t | PC3000 - 255 t | PC4000 - 370 t | PC5500 - 490 t | PC7000 - 695 t | PC8000 - 715 t

HITACHI
HEX



EX1200 - 100 t | EX1900 - 200 t | EX2500 - 245 t | EX3600 - 350 t | EX5600 - 520 t | EX8000 - 780 t

LIEBHERR
HEX



R9150 - 150t | R9250 - 250t | R9350 – 350t

XCMG
HEX



XE1250 | XE1350 | XE2000 | XE3000 | XE4000 | XE5600 | XE7000

... ...

Brand model Machines

CAT
bulldozer



D8/D8N/D8R/
D8K/D8T



D9/D9N/D9R



D10/D10R/D10T/D10N



D11/D11N/D11R/D11T...

KOMATSU
bulldozer



D155



D275



D355



D375



D475

SHANTUI
bulldozer



SD32



DH46



SD60



SD90

LIEBHERR
bulldozer



PR736



PR746



PR756



PR776

CATERPILLAR® KOMATSU LIEBHERR SHANTUI

TO DO THE WORK

Undercarriage System

-Mining Excavator

OUTLASTS
THE COMPETITION

TRACK SHOES

Rolled from modified medium carbon steel and deep-hardened for long wear life. Heavy cross-sections with curved leading and trailing edges resist bending. Available in a wide range of styles and widths.

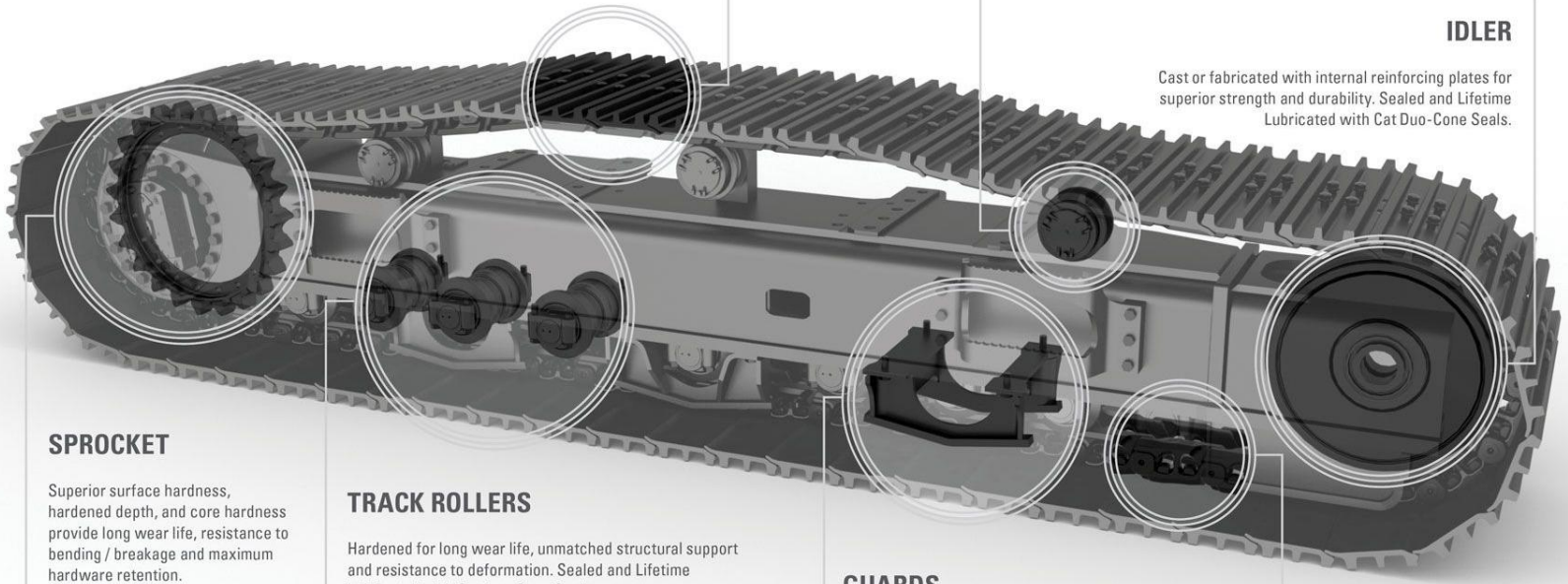
CARRIER ROLLERS

Hardened for long wear life, unmatched structural support and resistance to deformation. Sealed and Lifetime Lubricated with Cat Duo-Cone® Seals.

Carrier Rollers incorporate large shafts and bearings to promote longer component life. Cantilever-mounted to minimize material build-up and provide easier cleaning. Hardened rims resist cracking and chipping.

IDLER

Cast or fabricated with internal reinforcing plates for superior strength and durability. Sealed and Lifetime Lubricated with Cat Duo-Cone Seals.



SPROCKET

Superior surface hardness, hardened depth, and core hardness provide long wear life, resistance to bending / breakage and maximum hardware retention.
Available in three styles.

TRACK ROLLERS

Hardened for long wear life, unmatched structural support and resistance to deformation. Sealed and Lifetime Lubricated with Cat Duo-Cone Seals.

Track rollers are available with single or double flange. Wide flanges resist rollover. High-strength steel and deep hardening virtually eliminate wear, shock loads and bell mouthing. Sleeve bearings and large, hardened shafts absorb impacts and deflection.

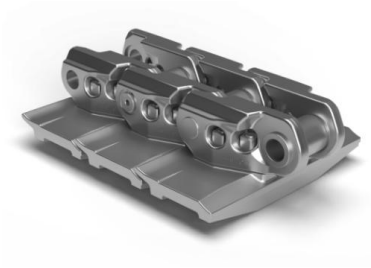
GUARDS

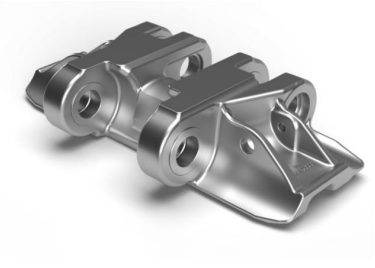
Track guiding guards help align the equipment tracks during operation.

LINKS

Manufactured for excellent wear resistance, strength and durability. Special heat-treatment processes produce consistent surface hardness, superior hardened depth and strong core hardness.

1000+ Undercarriage Part





Product Advantages:

- "Our chassis components are 100% interchangeable with original parts, ensuring they can be put into immediate use on-site without requiring any modifications."

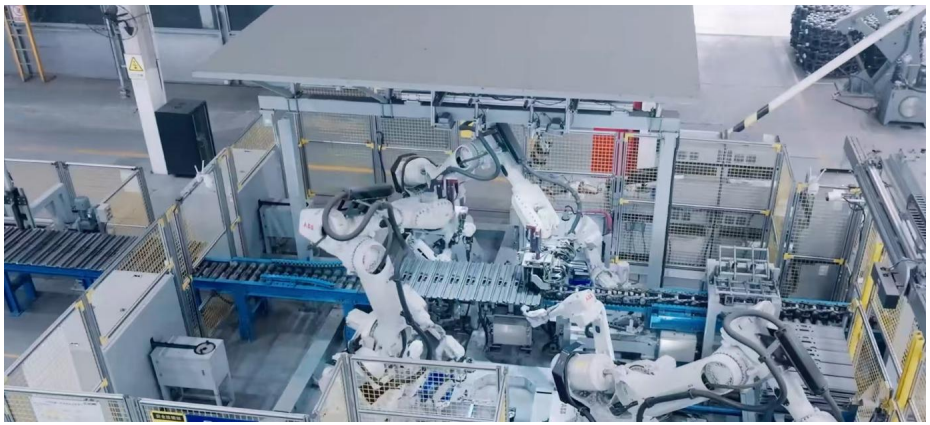
与原厂部件实现 100% 互换，确保现场无需任何改装，即可即刻投入使用

• Maximum Precision: All machined areas and surfaces are created using fully automated work centres to ensure the highest possible precision.

极致精度：所有加工区域与表面均由全自动加工中心打造，确保最高规格的精密品质。"

• Superior product quality due to heat treatment processes applied using automated machines to guarantee accurate manufacturing processes

通过自动化机械热处理工艺，确保制造工艺的准确性，产品质量更优











STONE



GROUND ENGAGING TOOLS

Bucket, Teeth and Adapter, Blade and End Bit, Ripper

铲斗、斗齿与适配器、刀板与侧刀板、松土器










GROUND ENGAGING TOOLS

- Dozers、Excavator

Provide customers with customized services提供定制服务

•We offer a range of ground contact tools for excavators and bulldozers, including buckets, teeth, blades, cutter heads and other accessories for various brands such as Caterpillar, Komatsu, Hitachi, Liebherr, etc.

• 我们为挖掘机和推土机提供一系列接地工具，包括铲斗、斗齿、刀片、切削头及其他配件，适用于卡特彼勒（Caterpillar）、小松（Komatsu）、日立（Hitachi）、利勃海尔（Liebherr）等各类品牌。

• Adaptability: Precisely matches original factory specifications to ensure easy installation and stable performance.

• 适配性：精准匹配原厂规格，确保安装简便、性能稳定。

• Material quality: Use high-strength steel or wear-resistant materials to extend service life.

材质：采用高强度钢或耐磨材料，以延长使用寿命。

GROUND ENGAGING TOOLS

Provide customized services to customers








HYDRAULIC CYLINDERS





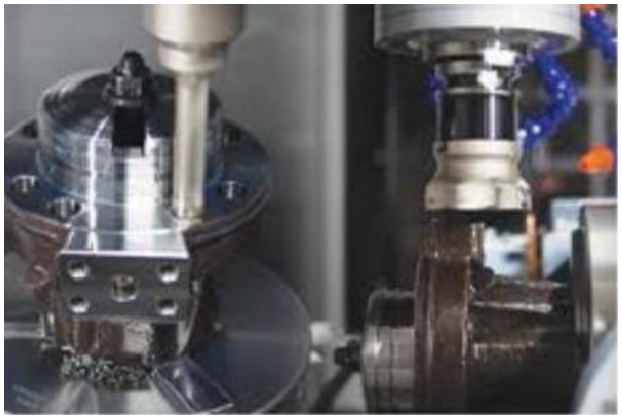






CYLINDER

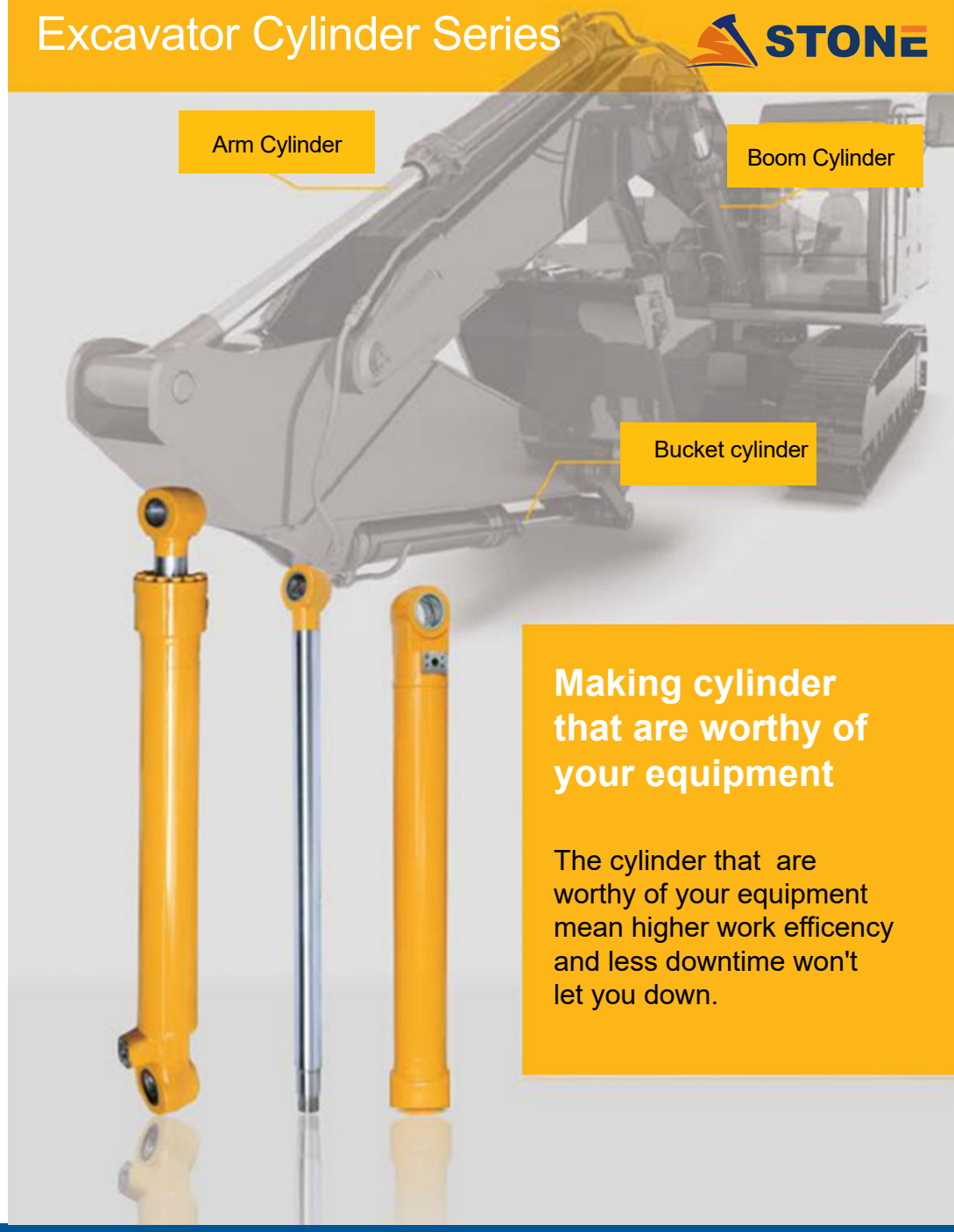
Turning Concept To Implement



Minimize Unplanned Downtime

Designed for the harsh working conditions of mines, STONE's high-pressure and high-tonnage hydraulic cylinders are manufactured with high-quality materials to ensure excellent performance under shock loads, continuous operation and extreme environments.

HITACHI：EX1200 / EX1900 / EX2600 / EX3600
KOMATSU:PC1250 / PC2000 / PC3000 / PC4000
CATERPILLAR:CAT 395 / CAT 6015 / CAT 6020



Making cylinder that are worthy of your equipment

The cylinder that are worthy of your equipment mean higher work efficency and less downtime won't let you down.



ENGINE PARTS

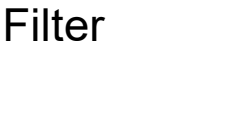
For CAT Engine 、 Komatsu Engine and Cummins Engine

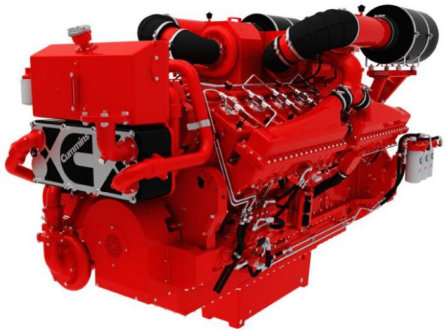
ENGINE PARTS

Comprehensive Supply Of Mainstream Power Products

- Cylinder Block,
- CylinderHead,
- Piston,Crankshaft,
- Connecting Rod,
- Camshaft,
- Turbocharger,
- Intake Manifold,
- Exhaust Manifold,Valves,Water Pump,Oil Pump,
- Cylinder Head Gasket,etc.





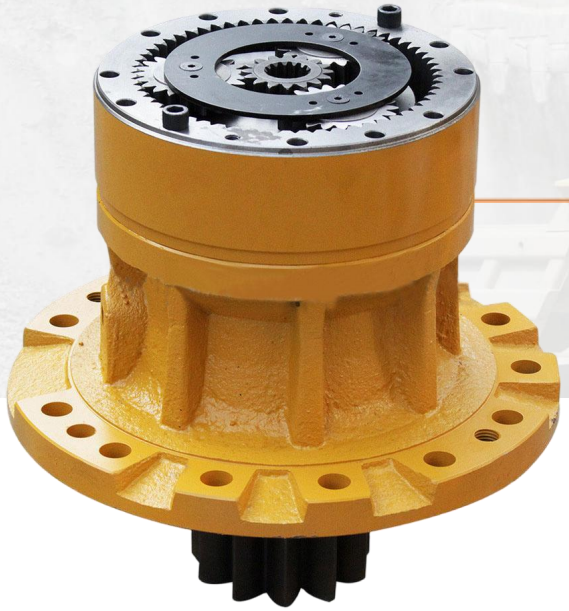












GEAR PARTS

Final drive 、Gear series、Swing gearbox



GEAR PARTS

Core Transmission Protection

Full Coverage Of Brands

• Wide adaptability

The products provided by STONE have become high-end and high-quality replacement parts for excavator reducers of well-known brands such as CAT, Komatsu, Volvo Group, Hitachi, Sany, XCMG, and Liugong.

• Reliable performance

We select high-quality gearbox products, use high-strength materials and precision processing technology, and have the characteristics of wear resistance, heavy load resistance, stable transmission efficiency, etc., and can adapt to harsh working conditions such as high load in mines and high-intensity in engineering.

Global layout

One-Stop Supplier Of Mining Equipment Parts

矿山设备配件一站式供应商



Mining Location



PHU BIA MINING

Client: **Phu Bia Mining Limited 普比亚矿业有限公司**

Mineral type: **Copper mine , gold mine 铜矿 金矿**

Location: **Laos 老挝**

Mining Area: **Xaysomboun; Bokeo 矿区：川圹省、波乔省**

Phu Bia Mining (PBM) is a cornerstone of the Laotian mining industry, operating the world-class Phu Kham Copper-Gold Mine and the Ban Houayxai Gold-Silver Mine.

The mining area is characterized by a tropical rainforest climate, marked by high rainfall, strongly acidic soils, and rugged, complex terrain.

普比亚矿业是老挝矿业的支柱企业，运营着世界级的普坎铜金矿与班怀赛金银矿。

矿区属热带雨林气候，降雨充沛、土壤酸性强，地势崎岖且地形错综复杂。





Laos – A Model of Cross-Brand Mixed Fleet Collaboration in Southeast Asia

老挝——东南亚跨品牌混合车队协作的典范

Phu Bia Mining operates an ultra-large-scale mixed fleet, encompassing a wide array of machinery from brands such as **CAT, Komatsu, Shantui, XCMG**, and **SEM**. At the heart of its excavation power is a cluster of 100-to-300-ton mining excavators, including the **Komatsu PC3000, PC2000**, and **Hitachi EX3600 EX2600**.

Its bulldozer fleet is centered around heavy-duty bulldozers like the **D10T/D10T2** and **SD8N**, complemented by loaders such as the **980H, 988H, 990H**, and **992K**, and a fleet of mining trucks including the **777D** and **740 ADT**, ensuring top-tier international production levels for the mining area.

普比亚矿业运营着超大型混合工程机械车队，设备涵盖卡特彼勒、小松、山推、徐工、山工等多个品牌。矿区核心采掘设备为百吨至三百吨级矿用挖掘机，机型包含小松 PC3000、PC2000 以及徐工 XE1250。

推土机主力机型为 D10T/D10T2、SD8N 等重型推土机，配套配备 980H、988H、990H、992K 系列装载机，以及 777D、740 铰接式矿用自卸车，助力矿区达到国际顶尖生产作业水准。



Laos – A Model of Cross-Brand Mixed Fleet Collaboration in Southeast Asia

老挝——东南亚跨品牌混合车队协作的典范

Client: **Стройсервис**

Mineral type: **Coal mine煤矿**

Location: **Russia俄罗斯**

Mining Area:**Barzasskoye 合作伙伴，N012 露天矿，别列佐夫斯基，Permyak Ousky，舍斯塔基**

Barzasskoye partnership , N012 Open Pit, Berezovsky, Permyak Ousky , Shestaki

Стройсервис (Stroyservis) is a leading diversified mining group in Russia and one of the most significant coal producers in the Kuzbass coal basin.

The customer's mining areas are located in the key coal regions of Russia, featuring large resource reserves, favorable mining conditions, mostly highly efficient open-pit operations, and stable production capacity.

"Stroyservis"是俄罗斯领先的多元化矿业集团，也是库兹巴斯煤田最重要的煤炭生产商之一。

该客户的矿区位于俄罗斯的核心煤炭产区，拥有丰富的资源储量和优越的开采条件；其业务主要采用高效的露天开采模式，并具备稳定的生产能力。







STONE SOLUTION：

Its fleet mainly consists of top brands including **CAT, Komatsu, Hitachi, SANY**, and **Liebherr**.The equipment includes hundreds of world-class mining machines such as **Hitachi EX5500E/EX2600**, **Komatsu PC4000/PC3000**, and **Liebherr 9150**, with most models in the **100–500 tonne ultra-heavy class**.

The fleet also includes top-of-the-line bulldozers such as the **CAT D10** and **D11**. In addition, the fleet includes a large number of high-end Chinese mining machines such as the **XCMG XE1250** and Zoomlion models.

其设备机群主要由卡特彼勒（CAT）、小松（Komatsu）、日立（Hitachi）、三一（SANY）和利勃海尔（Liebherr）等顶级品牌组成。这些设备涵盖了数百台世界级的矿用机械，例如日立 EX5500E/EX2600、小松 PC4000/PC3000 和利勃海尔 9150；其中大多数机型均属于载重 100 至 500 吨的超重型级别。

该机群还配备了 CAT D10 和 D11 等顶尖的推土机。此外，机群中亦包含大量高端的中国品牌矿用机械，如徐工（XCMG）XE1250 及中联重科（Zoomlion）的各类机型。



Russia – Ultra-large Open-pit Coal Mines in Extremely Cold Conditions

CUSTOMER INFORMATION：

Client: **PJSC Polyus俄罗斯极地黄金公司**

Mineral type: **Gold mine 金矿**

Location: **Russia 俄罗斯**

Mining Area:

Olimpiada、Blagodatnoye、Verninskoye、Kuranakh、Natalka

奥林皮亚达、布拉戈达特诺耶、韦尔宁斯科耶、库拉纳赫、纳塔尔卡

For PJSC Polyus, a leading global gold producer and Russian gold mining giant, its mines (such as Olimpiada and Natalka) represent the world's most advanced gold mining scale and technology.

These mines are located in the extremely cold regions of Siberia and the Russian Far East, with hard rock formations and extremely intensive operations.

对于全球领先的黄金生产商及俄罗斯黄金采矿巨头 PJSC Polyus 而言，其旗下矿山（如 Olimpiada 和 Natalka）代表了全球最先进的黄金采矿规模与技术水平。

这些矿山坐落于西伯利亚及俄罗斯远东地区的极寒地带，地质构造以硬岩为主，且采矿作业强度极高。







Russia - Gold Mine/Extreme Cold Conditions

As a world-leading gold producer, the customer operates a fleet mainly consisting of large-scale models from **CAT, Komatsu, and Hitachi**.

The Olimpiada mine is a hub for top-of-the-line mining machinery, primarily consisting of ultra-large equipment such as the **Hitachi EX5600 EX3600 PC5500, CAT 6060**, and **D11**, as well as mining truck systems of **CAT 793** and **797** levels (load capacity 240-400 tons).

The Natalka mine is located in the Magadan region, and its fleet configuration emphasizes continuous uptime in extreme weather conditions. Its fleet is mainly composed of **Komatsu PC4000** and **Hitachi EX5600 CAT 6040, D10/D11**, as well as the **CAT 789** series mining trucks with excellent off-road capabilities.

作为一家全球领先的黄金生产商，该客户拥有一支主要由卡特彼勒（CAT）、小松（Komatsu）和日立（Hitachi）品牌的大型设备组成的机群。

Olimpiada 矿区汇聚了顶尖的采矿机械，其设备阵容主要包括日立 EX5600、EX3600、PC5500，卡特彼勒 6060 和 D11 等超大型设备，以及卡特彼勒 793 和 797 级别的矿用卡车系统（载重能力达 240 至 400 吨）。

Natalka 矿区位于马加丹地区，其机群配置侧重于确保在极端恶劣的天气条件下仍能保持持续的作业稼动率。该矿区的设备主要由小松 PC4000、日立 EX5600、D10/D11，以及具备卓越越野性能的卡特彼勒 789 系列矿用卡车组成。



CUSTOMER INFORMATION：

Client: **Tsingshan Holding Group**

Mineral type: **Nickel ore镍矿**

Location: **Indonesia 印度尼西亚**

Mining Area: **Morowali, IWIP**

Tsingshan Holding Group is the world's largest producer of nickel and stainless steel. Its IMIP (Morowali) and IWIP (Weidawan) industrial parks in Indonesia are strategic hubs for the global nickel industry, with a cumulative investment of over US$20 billion. They account for more than 20% of global nickel production and are core suppliers in the global new energy and stainless steel industry chain.

青山控股集团是全球最大的镍和不锈钢生产商。其位于印尼的IMIP（莫罗瓦利）和IWIP（魏达湾）工业园区是全球镍产业的战略枢纽，累计投资超过200亿美元。这两个园区占全球镍产量的20%以上，是全球新能源和不锈钢产业链的核心供应商。





Indonesia - Laterite nickel ore / wet and muddy working conditions

STONE SOLUTION：

The customer's project fleet is mainly composed of brands such as **CAT, Komatsu, XCMG, Sany,** etc. The park is centered on 100-ton-class equipment, including **XCMG XE1250, PC1250, CAT 395, D11**, and others.

It also features a heavy-duty mining truck fleet made up of **hundreds of CAT 745** and **Komatsu HM400-3** trucks. In addition, the fleet includes nearly **2,000 Sany excavators**, forming a rare, ultra-large-scale single-brand operating cluster.

客户的项目设备主要由卡特彼勒（CAT）、小松（Komatsu）、徐工（XCMG）、三一（Sany）等品牌组成。园区以百吨级设备为核心，包括徐工XE1250、PC1250、卡特彼勒395、D11等机型。

此外，园区还拥有数百辆卡特彼勒745和小松HM400-3重型矿用卡车。同时，园区还拥有近2000台三一挖掘机，形成了一个罕见的超大型单一品牌运营集群。



Indonesia - Laterite nickel ore / wet and muddy working conditions



Building The World Together!

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