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福建省华齿传动科技有限公司
FUJIAN HUACHI TRANSMISSION TECHNOLOGY CO., LTD.

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HUA CHI

HUACHI TRANSMISSION

华齿传动

研发与创新-华齿智造

挖掘机行走装置及挖掘机回转装置供应商
Excavator Final Device And Swing Device Supplier



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COMPANY PROFILE
公司简介

研发与创新-华齿智造

福建省华齿传动科技有限公司，是一家专注生产高品质工程机械传动零部件的企业。其母公司成立于1982年，被评定为国家级高新技术企业，并通过ISO9001-2015质量体系认证。

工厂面积12000多平方米，拥有一支优秀的工研发和生产团队，配备先进的生产设备和检测设备，如数控蜗杆磨齿机、数控加工中心、立式数控拉床、数控滚齿机数、控插齿机、数控外圆磨床，以及齿形齿向测量中心、三维坐标检测仪，引进优良的加工技术和热处理技术，生产高品质高精度的零配件，以满足客户对品的要求。

我司的主营产品包括行走减速器总成、回转减速器总成；齿轮、齿圈、传动轴；行星架、回转大轴座、端盖；垫圈、轴承、油封等配套产品。我们拥有强大的产品开发能力和生产能力，齿轮模数可生产1-20模，最大加工直径为1200毫米，磨齿精度达到5级、剃齿精度达到7级。

我们始终坚持“客户导向、合作共赢；以人为本、利他思维；诚实敬业、开拓进取”的价值观，专注于工程机械领域发展、期待和世界各地的朋友，共同开拓广阔的发展空间。



EXCAVATOR FINAL DEVICE AND SWING DEVICE SUPPLIER
挖掘机行走装置及挖掘机回转装置供应商

Fujian Huachi Transmission Technology Co., Ltd. is an enterprise specializing in the production of high-quality engineering machinery transmission components. The parent company was established in 1982 and has been rated as a national high-tech enterprise, and has passed the ISO9001-2015 quality system certification.

The factory covers an area of over 12000 square meters and has an excellent R&D and production team. It is equipped with advanced production and testing equipment, such as CNC worm gear grinding machines, CNC machining centers, vertical CNC lathes, CNC hobbing machines, control gear hobbing machines, CNC cylindrical grinders, as well as tooth profile measurement centers and 3D coordinate measuring instruments. We introduce excellent processing and heat treatment technologies to produce high-quality and high-precision spare parts to meet customer requirements for products.

Our main products include travel reducer assemblies and swing reducer assemblies; gears, ring gears, and transmission shafts; planetary carrier, rotating shaft seat, end cover; supporting products such as gaskets, bearings, oil seals, etc.We have strong product development and production capabilities, and can produce 1-20 gear modules with a maximum processing diameter of 1200 millimeters. The grinding accuracy reaches level 5 and the shaving accuracy reaches level 7.

We always adhere to the values of "customer-oriented, win-win cooperation; people-oriented, altruistic thinking; honest and dedicated, pioneering and enterprising", focusing on the development and expectations of the construction machinery field and friends from all over the world, jointly exploring vast development space.

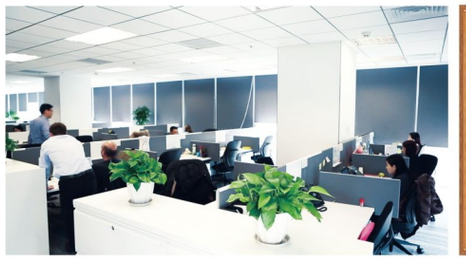
12000M²+
标准厂房
Standard Workshop

60+
员工人数
Number Of Employees

200+
精密设备
Precision Equipment

21+
技术专利
Technical Patent







TESTING &
PRODUCTION EQUIPMENT
检测&生产 设备















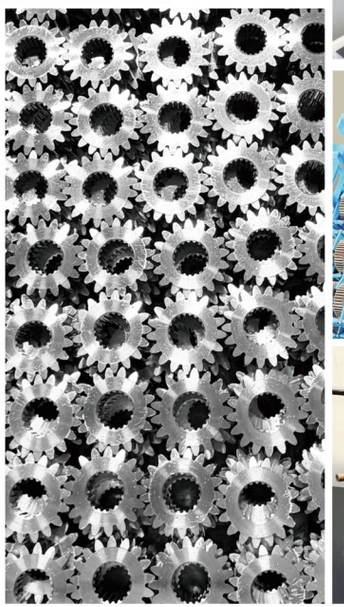

TESTING &
PRODUCTION EQUIPMENT
检测&生产 设备



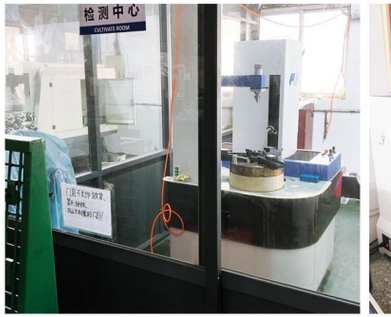


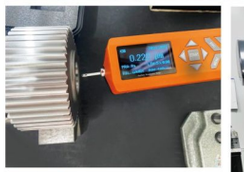




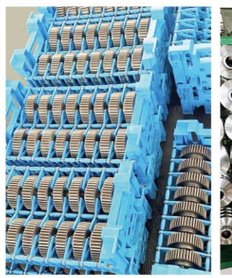











MAIN PRODUCTS
主要产品

01 行走马达总成、行走齿轮箱、行走马达、回转马达总成、回转齿轮箱、回转马达、回转支撑及相关配件：行星架总成、回转星架总成、齿轮、齿圈、齿轮箱盖，马达壳，立轴、立轴齿、传动轴、驱动盘、电磁阀、溢流阀等。

Final drive, travel gearboxes, travel motor,swing gearboxes, swing motors, swing bearing.electric machines and all related accessories.planet carrier assemblies, gears, ring gear, covers, motor housing, drive shafts, motor shaft, drum,sprocket,solenoid valve, relief valve etc.

02 液压泵、液压泵零件(泵胆、配流盘、九孔、柱塞、球头、钢片、主轴、副轴、传感器、摇摆总成、泵盖、轴承等)。

Hydraulics pumps, hydraulic parts (cylinder block, valve plate, piston shoe, ball guide, shoe plate, drive shaft,regulators, swash plate, head cover, bearing etc.)

03 分配阀总成等。
Control valve assembly ect.

华齿® HUA CHI

挖掘机行走装置及挖掘机回转装置供应商
EXCAVATOR FINAL DEVICE AND SWING DEVICE SUPPLIER



APPLICABLE BRANDS
适用品牌

KOMATSU · CAT · HITACHI · VOLVO · SUMITOMO · KOBELCO · DOOSAN · CASE CONSTRUCTION
KATO · HYUNDAI · JCB · LIEBHERR · ATLAS · TEREX · Kubota · YANMAR
TAKEUCHI · IHISCE · SANY · 山东临工 LGMG · 山重建机 SHANTUI STRONG · JCM · SHANTUI · LOVOL 雷沃
厦工 XGMA · LiuGong 柳工 · LISHIDE 力士德 · ZOOMLION 中联重科 · XCMG · LONKING 龙工 · SUNWARD 山河智能

KOMATSU

PC75	PC300-1-3-5-6-7
PC100-3-5	PC350
PC120-3-5	PC400-3-5-6
PC150	PC450
PC200-1-3-5-6-7-8	PC650
PC220-1-3-5-6	PC750
PC240	PC800

CAT

E110/E110B	E320/E200B
E120/E120B	E320GC
E180	E322
E215	E324
E225DLC	E325
E235	E330
E240	E330GC
E300BR	E339
E307	E345
E306	E349
E305	E450
E311/E312	

HYUNDAI

R55	R220
R60	R225
R75	R250
R80	R260
R110	R290
R130	R300
R140	R305
R145	R320
R150	R360LC
R160	R365
R170	R370
R180	R330LC
R190	R450LC
R200	R480
R210	R500
R215	

KATO

HD80	HD880
HD140	HD900
HD250	HD1023
HD400(HD450)	HD1220
HD550	HD1250
HD700(HD770)	HD1430
HD820(HD850)	HD2053

SUMITOMO

SH120	SH220
SH130	SH225
SH135	SH235
SH145	SH240
SH160	SH250
SH180	SH280
SH200-1/A3	SH300
SH200	SH330
SH210	SH350

SANY

SY55	SY335
SY55C	SY365
SY135	SY365H
SY135C	SY365PRO
SY155	SY375
SY205	SY485
SY215	SY485C
SY215-8	SY500
SY215-10	SY550
SY215PRO	SY650
SY235	SY700
SY245	SY750
SY305	

VOLVO

EC60	EC160
EC70	EC210B
ECR28	EC240B
ECR38	EC260B
ECR48	EC280
ER58	EC290B
ECR88	EC320
EC70	EC360B
EC75	EC380
EC90	EC420
EC110	EC460B
EC120	
EC130	

XCMG

XE60	XE230C
XE65D	XE235
XE75	XE260
XE80	XE335C
XE150D	XE370C
XE205	XE450
XE215C	XE700

HITACHI

EX70	UH081
EX100-1-3	UH082
EX120-1-3-5	UH083
EX150	ZX60
EX200-1-2-3-5-8	ZX110
EX220	ZX120
EX230	ZX200-3-6
EX270	ZX240
EX300-1-2-3-5-6	ZX270
EX400-1-2-3-5	ZX330
EX600	ZX360
UH043	ZXI450
UH052	ZX470
UH053	ZX870
UH07	

DOOSAN

DH50	DX55
DH55-5	DX60
DH60	DX63
DH70	DX75
DH80	DX80
DH100	DX88-9
DH110	DX120
DH130	DX150
DH150	DX160
DH170	DX180
DH180	DX220
DH200	DX215
DH220-2-3-5	DX220
DH225-7	DX225
DH280	DX230
DH290	DX235
DH300	DX255
DH320	DX260
DH320-2/3	DX300
DH330	DX340
DH360	DX350
DH370	DH370
DH450	DX380
DH500	DX420
	DX500

HUACHI TRANSMISSION 研发与创新-华齿智造

研发与创新-华齿智造

SWING DRIVE SERIES
回转装置系列

100%测试
100% test

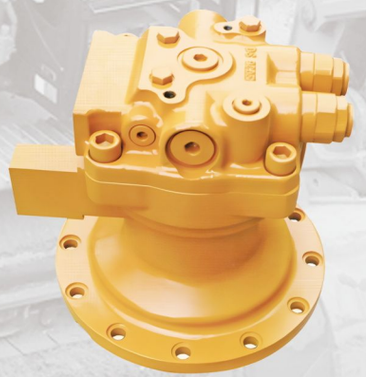
低噪音
Low noise



回转马达总成
SWING MOTOR ASSEMBLY



回转减速齿轮箱
SWING REDUCTION GEARBOX



回转马达
SWING MOTOR


CAT336DL


M2X63 R130


M2X63 SY135


M5X130 EC210


M5X130 SY215


M5X180 CAT330GC


M5X250 SY500


R210


XE215


JCB200


SY135


SY205C


SY215-8


SY365


SY500


SK230-6


CX210


CX330


DX500


PC220-7


R215-7


R215-7VS


SK210-10


EC290


YC60

SWING REDUCTION GEARBOX SERIES
回转减速箱系列

100%测试
100% test

低噪音
Low noise



底壳
CASING



载体总成
CARRIER ASSY



大轴承
BIG BEARING



载体总成
CARRIER ASSY





立轴
DRIVE SHAFT



齿圈
GEAR RING

回转减速箱
SWING REDUCTION GEARBOX

 SY75	 SY135	 SY250C	 SY215PRO	 SY215-RG11
 SY215-RG14	 SY365-RG20	 SWE215	 SK210-10	 CAT330GC
 CAT330D2	 CAT349D2	 CX210	 CX330	 EC210
 EC75D	 EC240	 EC290	 JS200	 LG920
 PC220-7	 R215VS	 R450	 XE215	 ZX870-3

FINAL DRIVE SERIES
行走马达系列

100%测试
100% test

低噪音
Low noise



行走马达总成
FINAL DRIVE



行走减速箱
TRAVEL REDUCTION GEARBOX



行走马达
TRAVEL MOTORX

 SY335	 SY365H	 SY365PRO	 SK200-6E	 SK350-5
 CAT325DL	 CAT330GC	 SY365PRO	 GM95VA	 PC220-8
 PC400-6	 PC450-7	 R110	 R305	 TM03
 TM04	 TMO6	 TMO9	 TM18	 TM22
 TM40VC	 TM40VD	 ZX135	 ZX210-5	 ZX330-3

TRAVEL REDUCTION GEARBOX SERIES
行走减速箱系列

100%测试
100% test

低噪音
Low noise



载体总成
CARRIER ASSY



载体总成
CARRIER ASSY



行走马达总成
FINAL DRIVE



马达壳
MOTOR HOUSING



驱动轴
DRIVE SHAFT



SY55



SY335



SY365



SY500



SY750



CAT311C



CAT312GC



CAT325B



CAT330GC



DX300-7



DX500



EC140B



EC750D



PC200-8



PC450-7



R215-9



R305LC-7



SH200A3



SK200-8



ZX60-7



ZX120-6



ZX200-3



ZX330-3



ZX350-5A



ZX870

FINAL DEVEIC PARTS
行走装置零件

适用于维修替换载体零件
Suitable for repair and replacement of carrier parts

支持ODM定制
Can be customized ODM


1ST CAT320D


2ND CAT320D


1ST SH200&CX210


2ND SH200&CX210


1ST SY365


2ND SY365


1ST SY215&DX225


2ND SH200&CX210


1ST DH500


2ND DH500


3RD DH50O

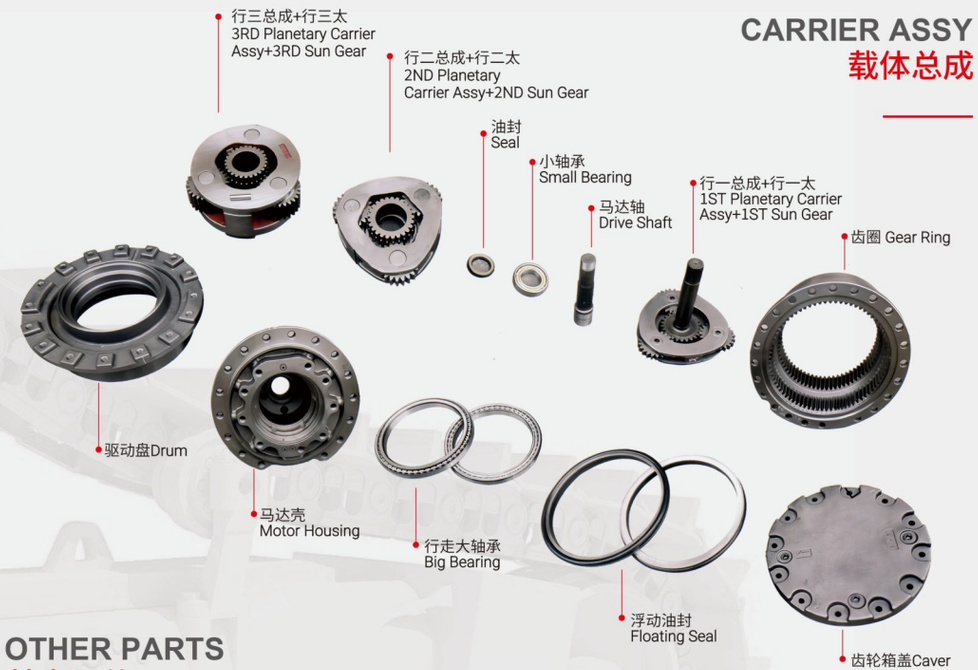

G18 RV
GEAR ASSY


GM35 RV
GEAR ASSY

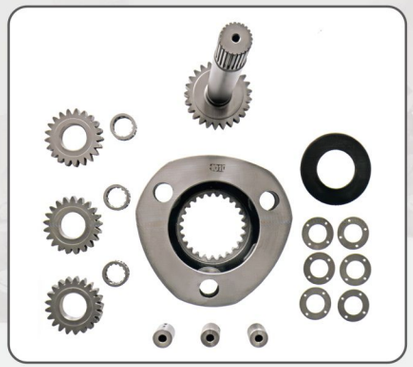

PC60-6 RV
GEAR ASSY


R215
CARRIER ASSY

CARRIER ASSY
载体总成



OTHER PARTS
其它零件


载体零件 Carrier Parts


RV齿零件RV Gear Parts

SWING DEVICE PARTS
回转装置零件

适用于维修替换载体零件
Suitable for repair and replacement of carrier parts

支持ODM定制
Can be customized ODM


1ST SY75


2ND SY75


1ST SY215PRO


2ND SY215PRO


1ST SY245


2ND SY245


1ST SY365


2ND SY365


1ST CAT330GC


2ND CAT330GC


1ST SH210&CX210


2ND SH210&CX210


1ST JCB200&JCB220


2ND JCB200&JCB220


1ST DX500&XE215


2ND DX500&XE215


1ST R215-7VS


2ND R21-7VS

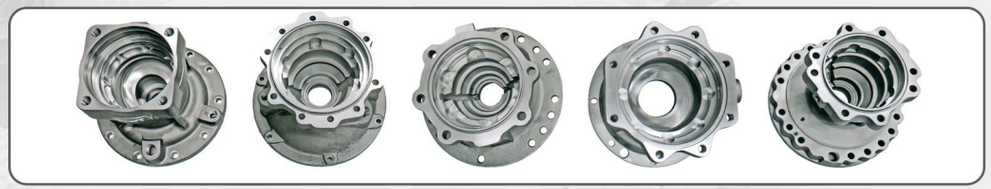

1ST R130


2ND R130

CARRIER ASSY
载体总成



RELATED PARTS
相关零件


壳体Case


回转支承Swing Bearing


立轴Drive Shaft

HYDRAULIC PUMP SERIES
液压泵系列



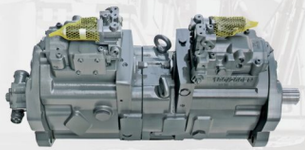
A10V071



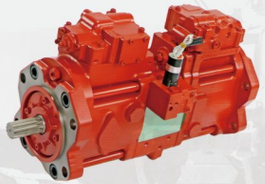
A8V0220



HPK055



K5V160



K3V112

01 | **款式多样VARIOUS STYLES**

运用广泛，特别定制，保持低噪音性能。
It is widely used in various places.Specially designedto maintain low noise performance in the fullpressure zone.

02 | **经久耐用DURABLE IN USE**

当系统压力升高到接近设定压力极限时，泵流量自动减小，压力保持稳定。
When the system pressure increases close to the set pressure limit,the pump flow automatically decreases and the pressure remainsconstant.

03 | **质量稳定STABLE QUALITY**

由多种控制方式集成可组成系统，具有节能、小型化、低成本等优点。
It is integrated by multiple control modes can form a system, and has the advantages of energy saving,miniaturization,low-cost functions, etc.

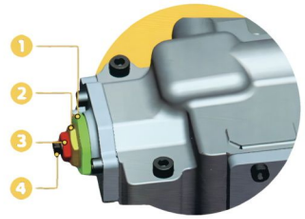
ADJUSTMENT METHOD
调整方法

LIGHT LOAD ACTION IS SLOW OR SUFFOCATING

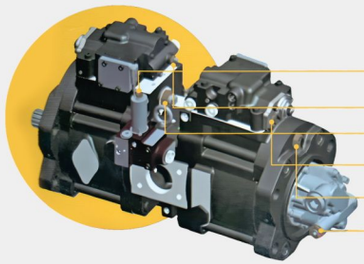
Loosen ① (green) with 36 # open-end wrench;
Use a 24 # open-end wrench to slightly adjust ② (yellow, press about 20° each time) inward (outward during operation) until it is normal;
Tighten locknut ① (green).

THE ACTION OF HEAVY LOAD IS SLOW OR THE VEHICLE IS SUFFOCATED

Loosen ③ (red) with 17 # open-end wrench ;
Use a 6 # open-end wrench to slightly adjust ④ (gray, press about 20°each time) inward (outward when holding the vehicle) to normal;
Tightly lock nut ③ (red).



(前后泵以相同角度调整)
(adjust the front and rear pumps at the same angle)



1	电磁阀	Solenoid valve
2	大流量切断螺钉	Large flow cut-off screw
3	排量螺钉	Displacement screw
4	流量调节螺钉	Flow adjusting screw
5	排量调节螺钉	Displacement adjusting screw
6	导阀压力调节螺钉	Pilot pressure adjusting screw



K3V63



K3V112



K3V180DTP PTO Type



K7V63



K7V125



K3V80B



K3V180DTP



HPV145



SBS120



HPV95



V90N130



V90N180

TRANSMISSION PARTS
传动零部件系列



摆线齿组件 RV GEAR ASSY



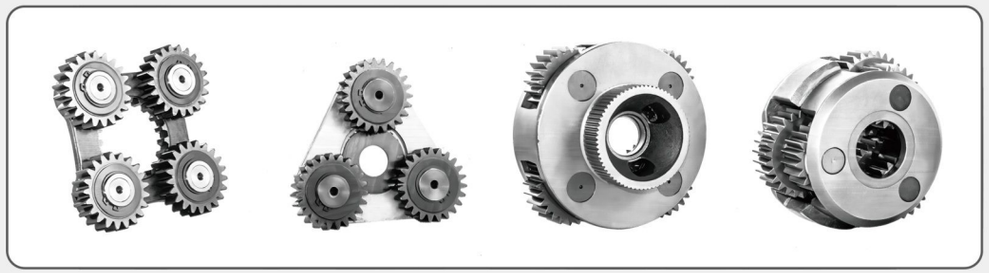
回转齿轮 SWING GEARS



齿轮 GEAR



液压泵齿轮 HYDRAULIC PUMP GEAR



行星架组件 CARRIER ASSY

TRANSMISSION PARTS
传动零部件系列



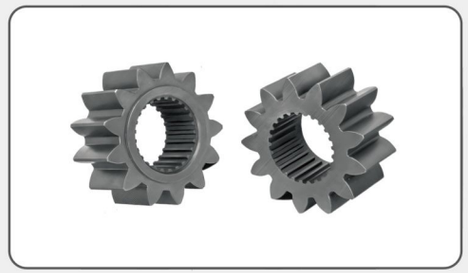
马达轴、泵轴 MOTOR SHAFT, PUMP SHAFT



中心齿轴 SUN SHAFT



回转立轴 SWING SHAFT



回转立轴齿 SWING PINION

FINAL DRIVE BEARING SERIES
挂掘机轴承系列



TAPERED ROLLER BEARING SERIES
圆锥滚子轴承系列



SPHERICAL ROLLER BEARING SERIES
调心滚子轴承系列



CYLINDRICAL ROLLER BEARING SERIES
圆柱滚子轴承系列



FULL COMPLEMENT CYLINDRICAL ROLLER BEARING SERIES、NEEDLE BEARING、NEEDLE ROLLER
满装圆柱滚子轴承&滚针轴承&滚针



MOTOR & HYDRAULIC PUMP BEARING SERIES
马达/液压泵轴承系列



SPHERICAL PLAIN BEARINGS SERIES
关节轴承系列



HYDRAULIC REPLACEMENT PARTS
液压替换零件

精密加工
Precision processing

尺寸精准
Precise size

HYDRAULIC MOTOR PARTS
液压马达零件


HMT36FA&HMK123


KMF125


M2X120


M5X130


M5X180


SG04


SG08


SG15

HYDRAULIC PUMP PARTS
液压泵零件


A8055


K3V112


K5V140


SBS80D

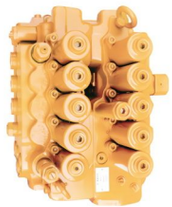
CONTROL VALVE ASSY
控制阀总成



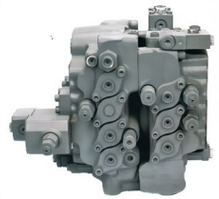
CX330 /CX350
适用于箱式挖掘机
Suitable for Case Excavator



DX150/DH150
适用于斗山挖掘机
Suitable for Doosan Excavator



SY205C/SY215
适用于三一挖掘机
Suitable for Sany Excavator



UX28
适用于
Suitable for
EC210 /EC240 /YC210
/YS230 /SDLG240/R215-7



KMX15RA控制阀组件 Control valve assembly

应用 APPLICABLE
SY205/SY215 /SY335liugong220 / liugong215 / liugong225 / liugong922 / liugong936/XE215
/ XE220 / XE330 / XE350
/LSD360 / R225-7 / ZE230/ ZE360 / XG820/XG822 ect.
REMARK Most 20-26 ton excavator can be used



KMX15RA控制阀组件 Control valve assembly

应用APPLICABLE
SY215 / SY235 / SY285 / SY330/SY335 /SY365/R215-7 / R220/ R225-7
/R225-9XE200 / XE335 / XE370/ZE370
REMARK Most 30 ton excavator can be used

FAN MOTOR & FAN PUMP
风扇马达&风扇泵

FAN PUMP 风扇泵


CAT325C


R485


EC360 460


CAT330C


CAT365C


CAT345D-349D


DX380-420-500


DX700


Liugong950-970


SY485

FAN MOTOR 风扇马达


DX700


CAT325C


CAT336


CAT345B


CAT345D-349D


EX470


SY485&SY500


EC360-380-460-480


EC700


DX380 420
(件号K1057295)

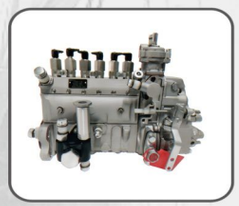
OTHER PRODUCTS
其他产品


轴承 BEARING


滤芯 FILTER ELEMENT


油门电机 THROTTLE MOTOR


操纵杆总成JOYSTICK ASSY


柴油泵 DIESEL PUMP


发动机总成ENGINE ASSEMBLY


喷油嘴INJECTOR


传感器 SENSOR


电磁阀SOLENOID VALVES

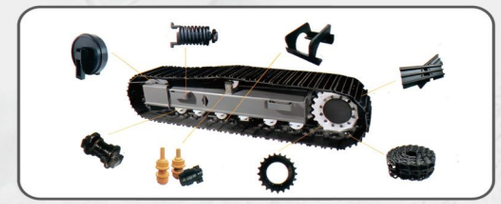

溢流阀 VALVES


中心接头CENTER JOINT


显示器 MONITOR


挖斗 BUCKET


液压破碎锤HYDRAULIC BREAKER


底盘零件 UNDERCARRIAGE PARTS