Akaliko

The Global Mining Component & Lifecycle Platform

Wheel Assemblies

Final Drives & Wheel Motors



17 WHEEL ASSEMBLIES

3 MACHINE BRANDS

27 BRANCHES WORLDWIDE

WHEEL ASSEMBLIES

THE WHEELS THAT MOVE THE MINE

A haul truck's rear wheel assemblies turn engine power into traction. Each one carries its share of the payload and drives the truck forward, load after load.



Mechanical drive

The engine drives the rear axle through the transmission and differential. A planetary final drive in each rear wheel multiplies the torque before it reaches the tyre.

Electric drive

The engine turns an alternator. A wheel motor in each rear wheel combines a traction motor with a planetary gear reduction, so each wheel is driven on its own.

Akaliko supplies complete wheel motor and final drive assemblies for Caterpillar, Komatsu and Hitachi trucks. We also supply final drives for dozers and excavators, and the sub-components inside them.

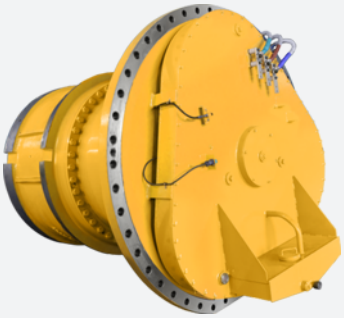
Find your machine. Look up your model and OEM part number in the tables on page 7.

Disclaimer: All OEM names and model designations are trademarks of their respective owners and are used for reference only. Akaliko supplies aftermarket components and is not affiliated with or endorsed by these manufacturers.

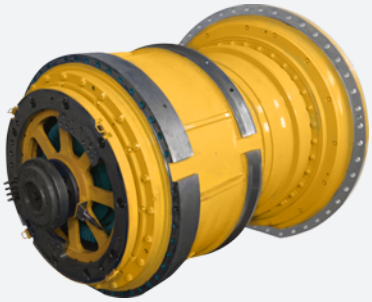
WHEEL MOTOR ASSEMBLIES

COMPLETE MOTORIZED WHEELS

Each wheel motor assembly is supplied complete and ready to install.



Cat MT4400 AC
GEB25 · 12,200 kg



Komatsu 830E
GEB25 · 12,000 kg



Komatsu 930E-4
GDY106 · 18,700 kg

What's included

- Wheel
- Brake assembly
- Spindle
- Final drive
- Traction motor

AC

AC wheel motors

Cat MT3700 AC, MT4400 AC
Komatsu 830E, 930E-4, 930E-4SE, 930E-5
Assembly weight 10,850–18,750 kg

DC

DC wheel motors

Cat MT3600
Komatsu 630E, 730E
Hitachi EH3500
Assembly weight 7,600–10,000 kg



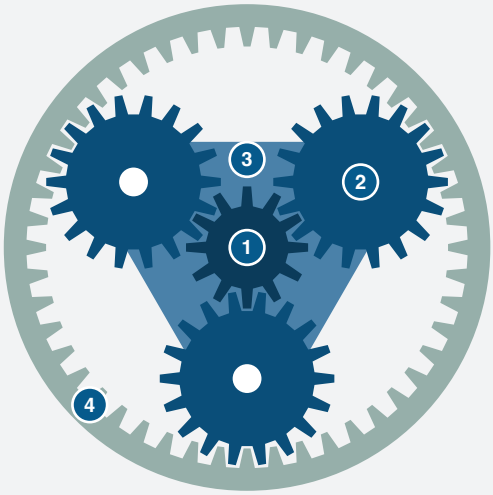
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FINAL DRIVE ASSEMBLIES

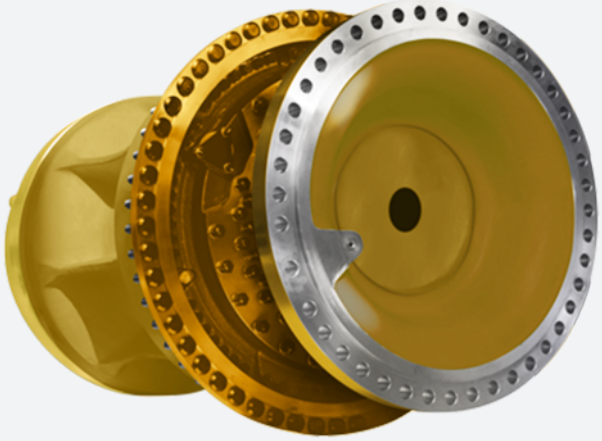
HAUL TRUCKS, DOZERS AND EXCAVATORS

Final drive assemblies are supplied complete: the wheel, brake assembly, spindle and final drive. We also supply final drives for track-type dozers and mining excavators.

Planetary final drive



1 **Sun pinion**
2 **Planet gears**
3 **Planet carrier**
4 **Ring gear**



Cat 789 final drive assembly
Akaliko PN FDA00001

Cat 777D, 777E

Akaliko PN **FDA00002**

Length	**1,476 mm**
Outer diameter	**1,092 mm**
Weight	**3,800 kg**

Cat 789, 789B/C/D

Akaliko PN **FDA00001**

Length	**1,980 mm**
Outer diameter	**1,173 mm**
Weight	**5,600 kg**

Komatsu HD785-7

Akaliko PN **FDA00003**

Length	**1,400 mm**
Outer diameter	**1,100 mm**
Weight	**4,040 kg**

Track-type machines

Final drives for track-type dozers and mining excavators.

Cat D10 dozer	110-2656
Cat D11 dozer	343-5375
Cat 6040 excavator	484-6333

Front wheel hub

The complete front wheel group, with hub and brake. Front wheels are not driven, so there is no final drive.

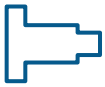
Machine	Cat 793
Reference OEM PN	569-2880, 476-9500
Akaliko PN	FDA00008

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SUB-COMPONENTS

THE FULL RANGE OF SPARE PARTS

We supply the full range of spare parts for motorized wheels and final drive assemblies, from complete groups to individual gears and seals.



Spindle



Wheel hub



Sun pinion



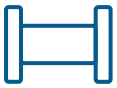
Planet gears & shafts



Planet carrier



Ring gear



Torque tube



Frame



Brake pack



Floating seals



Bearings



Can’t find your part? Email the OEM part number to info@akaliko.global.

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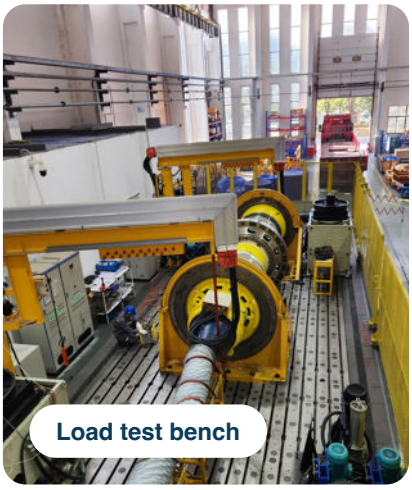
MANUFACTURING

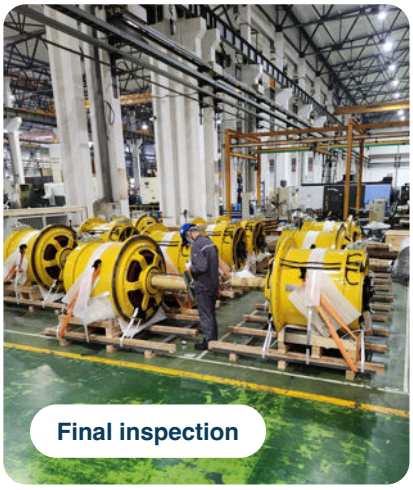
BUILT AND TESTED BEFORE IT SHIPS

Wheel assemblies are designed to fit your equipment based on the manufacturer's specifications. Production includes heat treatment, gear grinding, coordinate measuring and load testing.


Heat treatment


Carrier machining


Load test bench


Final inspection



Gear grinding


Coordinate measuring

Warranty-backed. 18 months from delivery or 12 months after installation, whichever comes first. Covers material and workmanship.

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COMPATIBILITY

FIND YOUR ASSEMBLY

Quote the model, the OEM part number or the Akaliko PN when you request a quotation.

Wheel motors

TRUCK	POWER	REF. MODEL	REFERENCE OEM PART NUMBER(S)	AKALIKO PN
Cat MT3600	DC	GE788	82628J	WMA00001
Cat MT3700 AC	AC	GEB38	A83829H	WMA00002
Cat MT4400 AC	AC	GEB25	462-0370, 466-5229	WMA00003
Komatsu 630E	DC	GE776	PB7209	WMA01001
Komatsu 730E	DC	GE788	PB9732	WMA01002
Komatsu 830E	AC	GEB25	58E-30-10092, PB9734	WMA01003
Komatsu 930E-4, 930E-4SE	AC	GDY106	58F-30-00022, 58F-30-00021	WMA01004
Komatsu 930E-5	AC	GDY106	58F-30-00312, 58F-30-00171, 58F-30-00180	WMA01005
Hitachi EH3500	DC	GE788	E12599557	WMA03001

Final drives

MACHINE	MACHINE TYPE	PRODUCT	REFERENCE OEM PART NUMBER(S)	AKALIKO PN
Cat 777D, 777E	Dump truck	Final drive	299-3570, 125-6793, 177-2248, 126-8347	FDA00002
Cat 789, 789B/C/D	Dump truck	Final drive	257-6310, 257-6298	FDA00001
Cat 793	Dump truck	Final drive	334-5492, 334-5493	FDA00004
Cat 793	Dump truck	Front wheel	569-2880, 476-9500	FDA00008
Komatsu HD785-7	Dump truck	Final drive	561-88-70203, 561-88-70303, 561-88-70204	FDA00003
Cat D10	Dozer	Final drive	110-2656	FDA00005
Cat D11	Dozer	Final drive	343-5375	FDA00006
Cat 6040	Excavator	Final drive	484-6333	FDA00007

OEM part numbers are references for identification only. Search the Akaliko PN (WMA or FDA) at shop.akaliko.global.

MODEL NOT LISTED?

Send us your machine model and OEM part number for a quotation.

Email
info@akaliko.global

Online catalogue
shop.akaliko.global

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HOW TO ORDER

Four steps from part number to delivery.

1. **Find your part**
   Look up your model and OEM part number in this brochure or at shop.akaliko.global.

2. **Request a quotation**
   Email info@akaliko.global, or use Request a Quotation on the product page.

3. **Confirm your order**
   We confirm price, availability and delivery terms in writing.

4. **Delivery**
   Shipped to your site.

Wheel motors

Final drives

Browse the full range

Scan to open the wheel motor and final drive collections in our online shop.

shop.akaliko.global/

Akaliko

Leading the Way in Mining Components

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