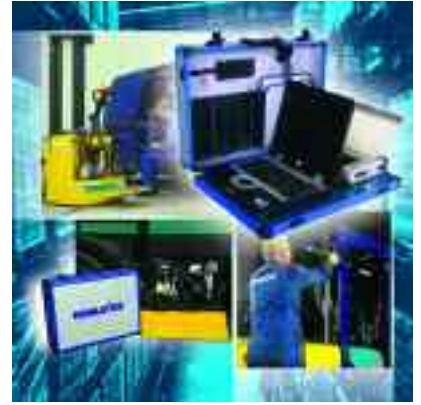


Service



Spare parts



Quality



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Distributor

Part Number PKBE07EN

This brochure may contain equipment
that are not available in your area.
Please consult your Komatsu Forklift distributor
for those items you may require.
Materials and specifications are subject
to change without notice.

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Electric counterbalanced trucks







AM-2R 48VOLT 3-W

	Rated Capacity Kg @ 500 mm	Turning Ra Wa (mm)
FB12M-2R	1.200	1.361
FB15M-2R	1.500	1.469
FB15MG-2R	1.500	1.469
FB18M-2R	1.800	1.577
FB20M-2R	2.000	1.722



AE-2R 48VOLT 4-W

	Rated Capacity Kg @ 500 mm	Turning Ra Wa (mm)
FB15-2R	1.500	1.760
FB15G-2R	1.500	1.760
FB18-2R	1.800	1.878
FB20-2R	2.000	1.998



BE-2R 80VOLT 4-W

	Rated Capacity Kg @ 500 mm	Turning Ra Wa (mm)
FB20H-2R	2.000	1.935
FB20HG-2R	2.000	2.025
FB25H-2R	2.500	2.080
FB30H-2R	3.000	2.220

WHEELER

Radius (mm)	Battery Voltage/Capacity Volt/Ah	Max Lift Height mm	Max Speed km/h
	48/345-375	6.970	14
	48/460-500	6.970	14
	48/640	6.970	14
	48/575-625	6.970	14
	48/750	6.865	14

WHEELER

Radius (mm)	Battery Voltage/Capacity Volt/Ah	Max Lift Height mm	Max Speed km/h
	48/480	6.970	14
	48/460-500	6.970	14
	48/640	6.970	14
	48/575-625	6.865	14

WHEELER

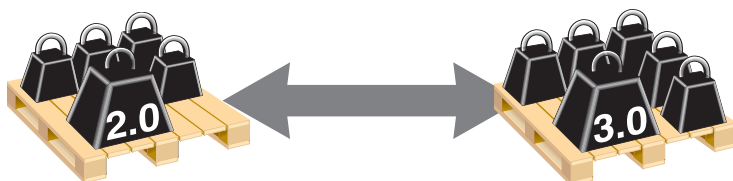
Radius (mm)	Battery Voltage/Capacity Volt/Ah	Max Lift Height mm	Max Speed km/h
	80/350-400	6.960	16
	80/480	6.960	16
	80/480-644	6.960	17
	80/560-736	6.960	17

**YOUR ENERGY
... YOUR KOMATSU**

BE-2R



80 V - 4 WHEELER



500 mm

The Komatsu Forklift range of 48V and 80V electric counterbalanced trucks are suitable for heavy-duty indoor or outdoor applications with loads of up to 3 tons. Compact yet stable, these trucks offer strength and maneuverability for use in small spaces. Equipped with hydraulic power steering, an easily legible display and proportional hydraulic levers, they meet all requirements for comfort. The logic, CANbus technology and motors guarantee high levels of performance.

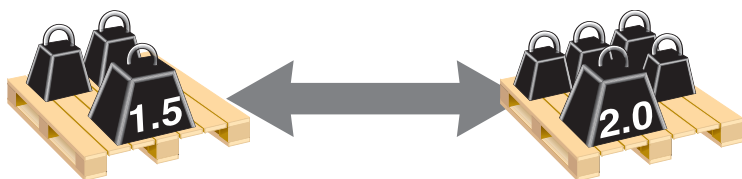
AE-2R

AM-2R



48 V - 4 WHEELER

48 V - 3 WHEELER



500 mm

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AM-2R & AE-2R

3 AND 4 WHEELER 48 VOLT

***YOUR FLEXIBILITY
... YOUR AM-2R***



ON-BOARD COMFORT

THE PLEASURE OF WORKING

The truck has been designed and constructed with operator comfort in mind, leading to a very productive, stress-free working day. The hydraulic power steering makes driving easy regardless of the the weight being handled. The spacious and comfortable operator area is equipped with ergonomic, proportional hydraulic levers and a simple, intuitive display for entering the speed and malfunction warnings. The truck can be equipped with directional pedals or levers and a vast array of options such as the cab and the joystick to meet the needs of the customer.



Ergonomics and confort

The ergonomic controls, silent operation and spacious and comfortable environment with a standard Grammer MSG20 seat make this truck ideal for heavy-duty use.



Display

The extremely legible display is part of the logic that allows the operator to manage and enter the truck and safety parameters, such as the highest rate of speed or the speed when curving.



Visibility

The Komatsu Forklift masts guarantee excellent visibility even when the side shifter is installed, plus great rigidity and strength.



Choise of controls

The operator has the option of changing direction by means of the dual pedals or a lever located to the left of the steering wheel.



Joystick

The more demanding Komatsu Forklift operators may opt to replace the levers with the joystick complete with built-in direction selector for improved maneuverability.



Hydraulic levers

These controls are ergonomic and light. The lift function lever is proportional for greater precision while the tilt and side shifter are controlled by Reed sensors, ensuring gentle, precise movements with utmost reliability.



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AM-2R & AE-2R

3 AND 4 WHEELER 48 VOLT

***YOUR STABILITY
... YOUR AE-2R***





AGILITY STRENGTH SAFETY

CONTROLLED POWER

Driving is easy due to the truck's gradual acceleration and regenerative braking system. They perform well over long distances where power and responsiveness are required, and in tight spaces where precision and gentle handling are essential. Work cycles are reduced due to the agility, power and safety of the CANbus-controlled truck which is reliable and inexpensive to maintain. The Mosfet technology of the controller, reliability of the motors, rigidity and strength of the masts and the solid frame increase performance and render driving much easier.



Evolved logic

The new logic controls the truck dynamics and the operator controls by delivering power to the motors in a smooth and precise manner, allowing it to meet the strictest safety and productivity requirements.



Rigid masts

The extremely rigid masts and built-in side shifter ensure optimal handling of the load. A wide range of FV, FFV and TFV up to seven meters high are available.

Traction motors

The top quality traction motors are solid and reliable, delivering plenty of torque with reduced energy consumption and low maintenance costs. The brushes are scheduled for replacement after at least 5000 hours of operation.



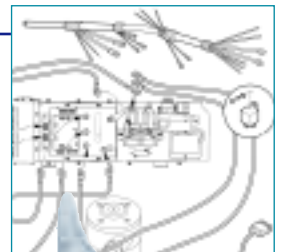
Frame and battery

The redesigned frame created with CAD is solid, strong and stable, with fewer welds and featuring a battery cover made of steel. The battery is quick and easy to remove.



CAN-BUS technology

The modern CANbus technology guarantees more accurate and quicker data transmission. The reduced number of connecting cables increases the reliability of the truck and reduces maintenance operations and interference.



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BE-2R

4 WHEELER 80 VOLT AC TECHNOLOGY

***YOUR STRENGTH
... YOUR BE-2R***





STRENGTH AND PERFORMANCE

THE POWER OF AC

Extremely agile and solid with 80 Volt alternating current (AC) power supply, this truck is unbeatable for heavy-duty applications. The operator can optimize energy consumption and performance by choosing the most appropriate parameters from 4 different driving options and 3 different hydraulic performance levels to adapt the truck to the load to be handled and the working environment. The photo shows the operator selecting the hard performance function for moving a heavy load, thus reducing handling times and using the features of the truck to their best advantage.

Compactness



Solid and yet agile, this truck is ideal for heavy-duty outdoor applications and indoor use in warehouse aisles due to the programs that can be selected from the display.

Visibility



Visibility is excellent in all directions, allowing the operator to move with extreme precision and safety and thus improving productivity.

Space and comfort



The driver's seat is spacious and comfortable and is accessed from the wide step. The standard Grammer MSG20 seat can be adjusted to suit every need.

AC technology

The AC technology is the heart of the truck, allowing the operator to adjust the driving parameters and the different performance programs, rendering it more agile and reducing overall maintenance costs.



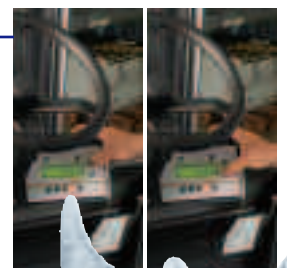
Ergonomics

The proportional lift control levers, additional ways with Reed sensors and dual pedal traction control render life on board the truck simple with easily operated functions.



Your choice

The operator can select the following options from the display:
- 4 different speeds: Custom, Power, Economy and Normal
- 3 different hydraulic performances: Custom, Economy and Normal. The operator may not modify the critical preconfigured parameters, ensuring greater safety and flexibility.



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APPLICATIONS

AM-2R AE-2R BE-2R



Hydraulic steering renders the truck agile and flexible, improving steering performance and reducing fatigue.



The mast provides the greatest visibility for the operator and excellent stability even when handling oversize loads.



The logic allows the operator to set the truck parameters to adapt it to the most diverse working environments and loads to be handled.



The proportional hydraulic controls facilitates positioning, loading and unloading operations.



This compact and agile truck is ideal for outdoor and indoor use especially in warehouses requiring a small turning radius.





The flexible range of counterbalanced electric trucks offered by Komatsu Forklift covers all the needs of those customer who seek high levels of productivity, reliability, strength and operator comfort together with reduced energy consumption and maintenance costs.

The 3-wheeler models are the best partner for the most common applications where the work is performed mainly indoors but for prolonged periods of time. The 4-wheelers are suitable in larger working areas or where wide loads require a wider support base.

Available with Superelastic or Pneumatic tires, unbeatable on irregular surfaces or uneven terrain due to the powerful traction motors; no working environment is too difficult for these trucks which feature a wide range of options to satisfy the most specific needs of our customers.



The vast selection of options helps customers configure the perfect truck suitable for any application. The comfortable rigid cab in the photo.



The truck is suitable for very heavy-duty use and handling loads over long distances.



The wiring is appropriate, well-protected and suitable for very dusty environments.



Cold stores usage (with no condensation) is safe and easy.



The ideal partner for quick and safe handling of any type of load.



The 80V AC power supply provides greater strength and the ability to handle heavy loads with greater autonomy.



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