

KOMATSU

AE50/AM50 Series

1.0-2.0ton Electric Trucks



KOMATSU FORKLIFT

Best Solution for All Scenes

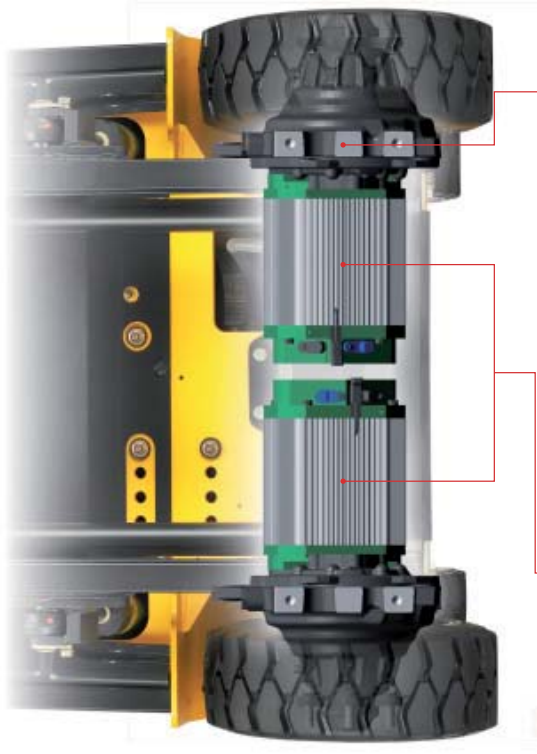
Komatsu's electric counter balanced trucks bring bold improvements—reduction of total operating cost, high productivity resulting from outstanding performance that nears that of internal combustion engine trucks, great operator safety and comfort. Komatsu AE50/AM50 Series offers excellent ideas and features out of the diligent commitment to fulfill the customer needs. Either engine or electric, the AE50/AM50 Series has the answer to the most efficient cost reduction in material handling industry.

Models	
AE50 Series/4-wheel Type	Standard Truck
1.0t/1.35t/1.5t/1.75t/2.0tCompact Truck	
Large Capacity Battery Truck	
1.5t/1.75t/2.0tCompact Truck	
AM50 Series/3-wheel Type	
1.0t/1.25t/1.5t/1.75t/2.0t	



Low Total Operating Cost by Sophisticated Komatsu Design

The AE50/AM50 Series features Komatsu's original Total AC system and the special airtight wet disc brake system that efficiently reduce the maintenance costs. Komatsu furthermore offers exceptional water resistance technology and high reliability. Unlike the engine trucks, there is no need for the engine-related periodical maintenance changes. The AE50/AM50 Series goes above and beyond in keeping the operating costs at the lowest.



Minimum Maintenance Cost with the Total AC System

Along with the 2 traveling motors, the AE50/AM50 Series also utilizes advanced AC motors for hydraulic operation. Since it completely eliminates the need for motor brush or contractor replacements, the maintenance costs are further reduced. Moreover, not only does AC motor have a high operating efficiency, but it also has a long operating life. The power saving function enables the trucks to operate for a long period without having low output.

Exceptional Durability with the Airtight Wet Disc Brake System

The airtight wet disc brake system efficiently ensures exceptional overall durability. Unlike the conventional drum brake systems, this system requires no extensive periodical maintenance except for oil changes, therefore reducing the maintenance costs.

Superior Reliability

By making the controller system lighter, more simple and compact than ever, Komatsu consistently seeks for the best design to eliminate possible troubles. We conduct a series of thorough tests for water resistance and circuit reliability in order to ensure the highest standard. The controller is stored within tightly closed containers. Komatsu also places a strong emphasis on designing the controller system layout that keeps the water and dust out from the important parts of the truck.

IP X4* Waterproof Standard Specification

Komatsu AE50/AM50 Series meets the IP X4 waterproof standard with the meticulous considerations in its proportional hydraulic control valves, control micro-switches, potentiometers as well as control signal circuits. With the reliable waterproof design, the trucks can easily be washed with running water.

*IP: International Protection

Excellent Maintenance Characteristics

The AE50/AM50 series adopts the dumper-assisted battery hood, which makes the battery checkups smoother and easier. Moreover, the Komatsu's original self-diagnostic system run by standard personal computers greatly facilitates the problem solving process, minimizing the down time.



Outstanding Performance Ensuring High Productivity

All-around Dual Drive loaded with the AC 2 motors ensures the powerful traveling ability.

The AE50/AM50 Series offers agile turning performance by incorporating a high-mounted rear axle and adopting original low-mounted battery that keeps the trucks' center of gravity low.

The new series also offers a wide battery range and the side battery access that allow the trucks to be utilized for long continuous operations.

With these exceptional features, the AE50/AM50 Series guarantees excellent performance that even nears that of engine trucks

Superb Traveling Performance Offered by All-around Dual Drive

All-around Dual Drive, in which each of the two front wheels is driven by an AC motor, confers the powerful traveling performance comparable to that of engine trucks. Indeed, Komatsu's All-around Dual Drive ensures excellent traveling performance even under the most undesirable floor/ground conditions.

Maximum traveling speed **17.0km/h** (FB15/unloaded)
Acceleration (Acceleration time from 0 to 5 m) **2.9seconds** (FB15/unloaded)
Gradeability **15.6degrees** (FB15/unloaded)

* All data are measured with the traveling power set at H.



Stable Control by the Airtight Wet Disc Brake System

Not only does this Komatsu brake technology confer excellent control even under wet floor conditions, it also offers smooth braking applications that further enhances productivity.



Superb Turning Stability

Komatsu design technology achieves excellent turning stability even during high speed turns thanks to high-mounted rear axle and low-mounted battery that ensure the low center of gravity. Rubber mount rear axle absorbs shocks and vibrations for great riding comfort.



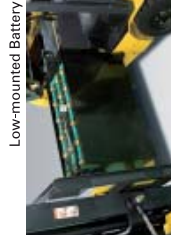
Advanced Controller

The AE50/AM50 Series features the advanced controller, which regulates all required functions, as well as the safety mechanisms such as traveling/lifting Operator Presence Sensing. Moreover, the power saving function guarantees the AC motor's best performance even at higher battery discharging stage.



Side Battery Access

The AE50/AM50 Series makes the battery exchange safer and smoother, making it ideal for continuous operations 24 hours a day, 7 days a week.



Proportional Hydraulic Control Valve

The amount of oil is accurately controlled by the reliable computing system. By providing feathering smooth control and minimizing the shocks during fork movement, the AE50/AM50 Series is ideal for handling sensitive and fragile materials.

Fully Hydrostatic Power Steering (FHPS) System

Komatsu's hydrostatic power steering system allows smooth and easy stationary steering and switchbacks, providing outstanding agility and comfort. With a smaller 300mm-diameter steering wheel, Komatsu AE50/AM50 Series has attained superior responsiveness, optimizing maneuverability even in narrow spaces. The fluctuations during straight traveling are also minimized, further enhancing the travel stability. Moreover, this steering system automatically detects undesirable knob slides and restores back to its original position.

- Easy and smooth stationary steering and switchbacks
- Significant fluctuation reduction during straight travelling
- Steering Synchronizer Function





Diligent Pursuit of Safety and Comfort

Ensuring operator's safety and comfort is essential in reducing the total operating costs and therefore also in achieving high productivity and efficiency.

The AE50/AM50 Series features new hydraulic operation and traveling control levers, function setups, as well as ideal ergonomic layout of the operation devices.

Safety devices such as traveling/lifting Operator Presence Sensing system are installed in order to ensure safety of the operators at all times.

Ergonomic Combination Lever

The combination lever is Komatsu's original invention based on advanced ergonomic knowledge. This lever optimizes operating processes by cutting down unnecessary movements: operators can smoothly and effortlessly maneuver lifting and tilting levers, and shift the travel direction just by a light touch to the switch on the lifting lever. Moreover, operators can easily maneuver the truck in an ideal seating posture, ensuring comfort even during a long continuous operation.



Traveling/lifting Operator Presence Sensing (OPS) System

The traveling/lifting OPS system is a safety function which meets ISO3691*. This safety system allows hydraulic or traveling operations only when the operator is seated.

Specifically the alarm is activated and operation stops three seconds after the operator leaves the seat without applying parking brake. The OPS system is a double safety measure and remains activated even when the operator returns to the seat. The interlock can only be released by returning the respective switch to a safe position.

*The interlock function stops the traveling operations for safety during undesirable conditions, and it does not forcibly control the truck.



The interlock state is also indicated on the meter panel.

Adjustable Individual Setups

Functions such as traveling, lifting and tilting speeds can be adjusted according to a variety of individual needs. These adjustments can easily be made with simple steps on a meter panel at any time. With adjustable setups, operations can individually be optimized, making operations smoother and more comfortable.



- Traveling Speed Setup
- Plugging Regeneration Setup
- Accelerator Neutral Regeneration Setup
- Lifting Speed Adjustment
- Tilting Speed Adjustment

Comfortable Access to the Truck

The step and floor of the AE50/AM50 Series trucks are kept low and spacious in order to minimize the operator burden during entry and exit. The access to the truck is further facilitated by the considerate design around the steering and assisting grip. Operators can easily walk through the truck to the opposite side.



HSS II Seat

Komatsu's original cushioning and dumper technology efficiently absorbs vibrations. Furthermore, the HSS II seat is specially designed to support the entire body in order to minimize fatigue even in long continuous operating sessions.



- 5-step backrest adjustment
- 170-mm forward/backward sliding
- Cushioning adjustable to operator body weight
- Retractable seat belt

Hip-supporting & Seat-belt System

Excellent Visibility

The AE50/AM50 Series offers excellent visibility in all direction for safety. In order to minimize the front dead angles, the operating seat is located to the left side of the truck. Moreover, Komatsu utilizes the high-visibility masts and places the meter panel on top of the dashboard in order to secure clear front view, allowing operators to clearly see the tips of the forks.



Paper Binder

The AE50/AM50 Series is equipped with a convenient large-size paper binder beside the operator seat. The paper binder also has a space for items such as pens and pencils.



High-mount Rear Combination Lamp

Turning signals, backup lamps and stop lamps are all located together on top of the rear overhead guard to optimize the truck visibility for safer operations.

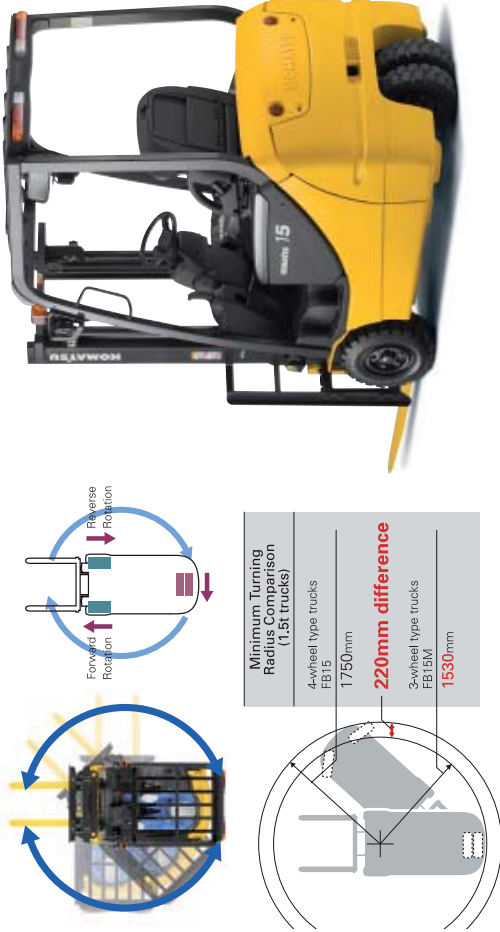


Wide-angle Center Mirror

The wide-angle center mirror provides a wide rear view area for safer operations.

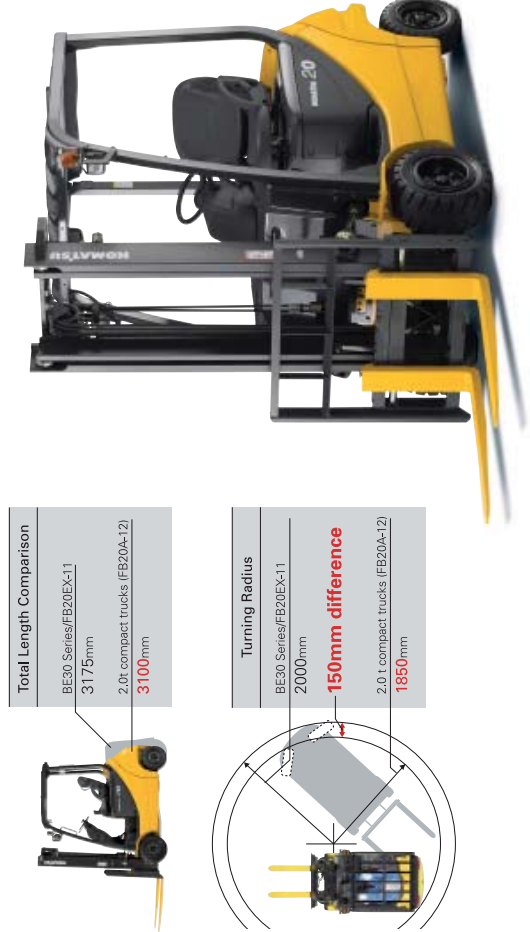
Three-wheel Trucks with Pivot Turn Ability / AM50 Series

The AM50 Series features three-wheel trucks with a rear wheel that can be turned 90°. Furthermore, the forced inner wheel reverse function exclusively makes the front inner tyres rotate in the opposite direction when the rear wheel is turned more than 75°. This features powerful driving force for smoother sharp turns as well as pivot turns.



Improved Maneuverability—2.0t Compact Trucks

Komatsu proudly offers original 2.0 t compact 4-wheel and 3-wheel trucks. The minimum turning radius for 2.0 t compact trucks is 1,850 mm, conferring exceptional agility for smoother traveling in narrow spaces.



Substantial Options

Digital Load Checker

Approximate loads are measured and digitally displayed in 10kg unit.



Protective Resin Head Guard Cover

With this protective head guard cover, the trucks can be used even out in the rain.



Wide Battery Range

Even for the standard 1.0 t specification truck, large 565Ah battery can be selected from the wide range of battery. Komatsu also offers high battery capacity trucks that can load 725Ah battery perfect for long continuous operations.

Battery Capacity (Ah/ANR)	AEB50 Series/Optional										AM50 Series/Optional						Standard	Option
	10	14	15	18	20A	15G	18G	20AG	10M	13M	15M	18M	20M					
350	●	○	○	○	○	○	○	○	○	○	○	○	○	○				
402	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
468	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
565	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
780	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
312	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
370	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
645	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
725	○	○	○	○	○	○	○	○	○	○	○	○	○	○				

Laser Lift Height Sensor

This indicates the height of the fork with a laser beam, making the fork insertion to pallets easier and smoother.

Safety Rearview Mirrors/Left and Right

Komatsu AEB50/AM50 Series are equipped with the left and right rearview mirrors in addition to the standard center rearview mirror in order to assure safety during performance.

Softcarry (Hydraulic Accumulator System)

The shock reduction system absorbs the travel vibrations and therefore protecting handling cargoes. This system also efficiently reduce the vibrations of the forks during hydraulic operations. This system is especially suitable for operations in rough floor surface conditions as well as for handling fragile and expensive cargoes such as precision machines and electronic parts.



IMS(Intelligent Monitoring System) Function

- Fork Leveling Indicator

Exterior

- Steel Cabin
- Seat Heater
- Windshield Wiper (with window washer)

Battery Charger-related

- Easy Open Side Battery Access Door
- Battery with Easy Water Supply Apparatus

Safety Support Equipment

- Forward/Back-up Chime
- Rear Working Light
- Strobe Light (yellow/red/blue)
- Fire Extinguisher (with Headguard)

Supportive Equipment for Hydraulic Operation

- Automatic Fork Leveling Device
- Automatic Lifting Stop Function

Optional Specification Truck

Cold Storage Specification (-35°C)

The truck's outstanding anticorrosive coatings and durability make it a reliable workhorse even in a rigorous working conditions

Fishery Specification

Komatsu's finest anticorrosive and durability technology makes the trucks possible to be used even under harsh conditions that impose frequent contact with salt and water

Dustproof (electric-tight) Specification

All major electronic parts are tightly enclosed to keep the dusts out. This truck is perfect for operations under dusty conditions

Attachment

- Integral side shifter



- Fork positioner
- Roll clamp
- Hinged fork
- Rotating fork
- Load stabilizer
- Fork clamp
- Bale clamp

Mast

2-stage Free View Mast

(maximum fork height: 2700-5000mm)
Mast featuring wide front view between the inner masts

Full Free View Mast

(maximum fork height: 3000-4000mm)
Mast with extremely large free lift, especially suitable for the application that limits mast rise

3-stage Full Free View Mast

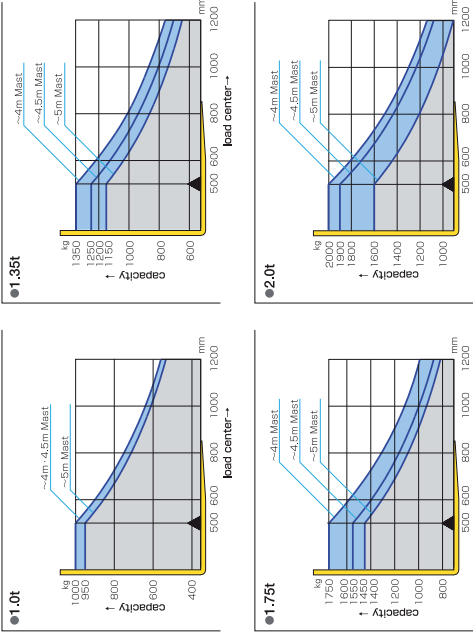
(maximum fork height: 3700-6000mm)
Mast with large free lift with higher maximum fork height, especially suitable for operations to lift loads to high rack

Major Equipment

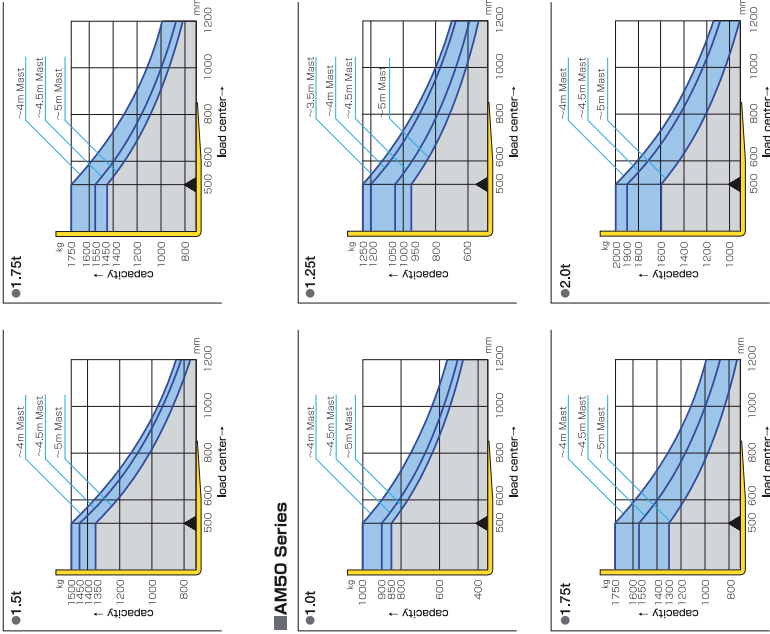
	AEO Series (4-wheel)			AM50 Series (2-wheel)		
	Standard Truck 1.0~2.0t	Large Capacity Battery Truck 1.5~2.0t	Standard Truck 1.0~2.0t	Standard Truck 1.0~2.0t	Standard Truck 1.0~2.0t	Standard Truck 1.0~2.0t
ICS Intelligent Computer Control System)	●	●	●	●	●	●
Motors	AC	AC	AC	AC	AC	AC
All-around Dual Drive	●	●	●	●	●	●
Airright Wet Disc Brake	●	●	●	●	●	●
Proportional Hydraulic Control Valve	●	●	●	●	●	●
Combination Lever (Forward/Reverse switch integrated)	●	●	●	●	●	●
Steering Type	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS
Setup	Travelling Speed Property	●	●	●	●	●
	Plugging Regeneration Property	●(S)	●(S)	●(S)	●(S)	●(S)
	Brake Regeneration Property	●(S)	●(S)	●(S)	●(S)	●(S)
	Soft-start Property	●(S)	●(S)	●(S)	●(S)	●(S)
	Accelerator Property	●(S)	●(S)	●(S)	●(S)	●(S)
Hydraulic Operation Property Adjustment	Accelerator Neutral Regeneration Property	●(S)	●(S)	●(S)	●(S)	●(S)
	Slope Regeneration	●(S)	●(S)	●(S)	●(S)	●(S)
	Travelling Speed Control	●	●	●	●	●
	Lifting Speed Adjustment	●	●	●	●	●
	Tilting Speed Adjustment	●(S)	●(S)	●(S)	●(S)	●(S)
Regeneration	Attachment Speed	●(S)	●(S)	●(S)	●(S)	●(S)
	Plugging Regeneration	●	●	●	●	●
	Brake Regeneration	●	●	●	●	●
	Accelerator Neutral Regeneration	●	●	●	●	●
	Speedometer	●	●	●	●	●
IMS (Intelligent Monitoring System)	Forward/Reverse Indicator	●	●	●	●	●
	Speed Limit Indicator	●	●	●	●	●
	Calendar/ Service meter	●	●	●	●	●
	Travelling Power Indicator	●	●	●	●	●
	Battery Discharge Indicator	●	●	●	●	●
Operation Equipment Related	Load Leveling Indicator	○	○	○	○	○
	Load Checker (10kg unit)	○	○	○	○	○
	Parking Brake Indicator	●	●	●	●	●
	Neutral Safety Indicator	●	●	●	●	●
	Travelling OPS Warning Lamp	●	●	●	●	●
Safety Support Equipment	Lifting OPS Warning Lamp	●	●	●	●	●
	Failure Indicator	●	●	●	●	●
	Electrokin Level Indicator	●	●	●	●	●
	Telescopic/tiltable Steering Column	●	●	●	●	●
	Auto-return Turning Signal Lever	●	●	●	●	●
Supportive Equipment for Hydraulic Operation	Soft-landing Device	●	●	●	●	●
	Operator Presence Sensing System (Lifting/Travelling Interlocking Mechanism)	●	●	●	●	●
	Emergency Switch	●	●	●	●	●
	Neutral Safety	●	●	●	●	●
	Automatic Power Off	●	●	●	●	●
Exterior	Anti Roll-back	●	●	●	●	●
	Travelling Speed Control	●	●	●	●	●
	Key-off Lift Lock	●	●	●	●	●
	Parking Brake with release button	●	●	●	●	●
	Back-up Buzzer	●	●	●	●	●
Others	Load Checker	○	○	○	○	○
	Forward/Back-up Chime	○	○	○	○	○
	Rear View Mirror (Left & Right)	○	○	○	○	○
	Wide-angle Center Mirror	●	●	●	●	●
	Rear Working Light	○	○	○	○	○
Battery Related	Strobe Light (yellow/red/blue)	○	○	○	○	○
	Fire Extinguisher	○	○	○	○	○
	Automatic Fork Levelling Device	○	○	○	○	○
	Laser Lift Height Sensor	○	○	○	○	○
	Automatic Lifting Stop Function	△	△	△	△	△
Battery with Easy Water Supply Apparatus	Softcarry (Hydraulic Accumulator)	○	○	○	○	○
	Floor Mat	●	●	●	●	●
	HSS II Seat (with seat belt)	△	△	△	△	△
	Steel Cabin	○	○	○	○	○
	Windshield Wiper (with window washer)	○	○	○	○	○
Battery Related	Protective Resin Head Guard Cover	○	○	○	○	○
	Seat Heater	○	○	○	○	○
	Pen Tray	●	●	●	●	●
	Paper Binder	●	●	●	●	●
	Side Battery Access	○	○	○	○	○
Battery Related	Easy Open Side Battery Access Door	○	○	○	○	○
	Battery with Easy Water Supply Apparatus	○	○	○	○	○

Load capacity curve 2-stage Free View Mast

AE50 Series/Standard Truck



AE50 Series/Large Capacity Battery Truck

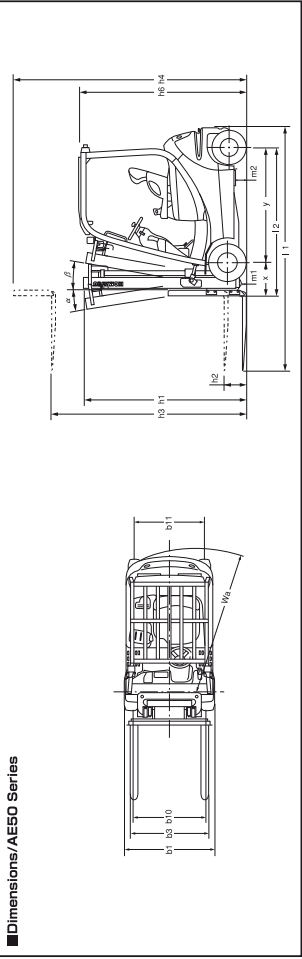


Note: Load capacity except for 800mm load center is reference only.

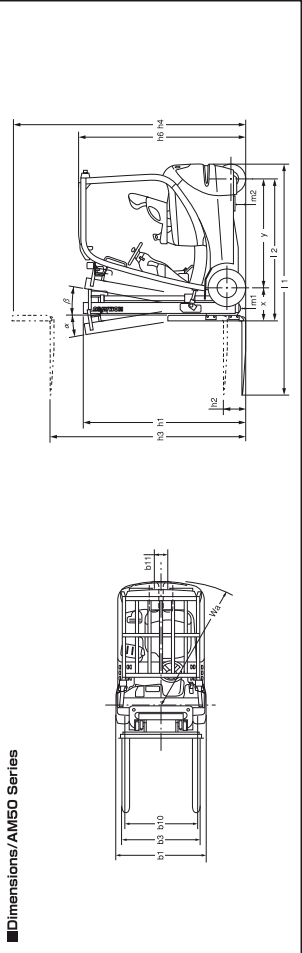
■AE50/AM50 Series Specifications

1.2		Model		Manufacturer's Designation		F810-12	F814-12	F816-12	F818-12	F820A-12	F816G-12	F818G-12	F820AG-12	F810M-12	F813M-12	F815M-12	F818M-12	F820M-12
1.3		Power Type		Electric, Diesel, Gasoline, LPG, Cable		Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
1.4		Operation Type		Q		Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting	Sitting
1.5		Rated Capacity		kg		1000	1350	1500	1750	2000	1500	1500	2000	1000	1250	1500	1750	2000
1.6		Load Center		c		500	500	500	500	500	500	500	500	500	500	500	500	500
1.6.1		Alternative Capacity		Q2		900	1210	1350	1570	1800	1350	1570	1800	900	1210	1350	1570	1800
1.8		Load Distance		x		400	405	405	405	425	405	405	425	400	400	405	405	425
1.9		Wheelbase		y		1410	1410	1410	1410	1470	1540	1540	1470	1190	1190	1340	1390	1485
2.1		Service Weight		Including Min. Capacity Battery, See line 6.5		2770	2790	2930	3170	3300	3270	3360	3620	3300	3280	2980	3260	3730
2.2		Loaded		Front		3090	3680	3980	4400	5020	4040	4440	5030	3100	3540	4000	4430	5080
2.3		Adst Loading		Rear		690	460	450	520	600	730	610	630	500	420	480	560	650
2.3.1		Unloaded		Rear		1410	1440	1490	1490	1720	1630	1630	1790	1310	1310	1460	1510	1790
2.3.2		Rear		Cushion, Elastic Cushion, Pneumatic, Polyurethane		1380	1350	1440	1880	1900	1640	1670	1870	1280	1400	1520	1750	1940
3.1		Tyre Type		Pneumatic		18x7-8-16PR(II)	18x7-8-16PR(II)	18x7-8-16PR(II)	18x7-8-16PR(II)	200-50-10	18x7-8-16PR(II)	18x7-8-16PR(II)	200-50-10	18x7-8-16PR(II)	18x7-8-16PR(II)	18x7-8-16PR(II)	Pneumatic	Elastic Cushion
3.2		Tyre Size		Front		16x6-8-10PR(II)	16x6-8-10PR(II)	16x6-8-10PR(II)	16x6-8-10PR(II)	16x6-8-10PR(II)	16x6-8-10PR(II)	16x6-8-10PR(II)	16x6-8	15x4 1/2-8-12PR(II)	15x4 1/2-8-12PR(II)	15x4 1/2-8-12PR(II)	15x4 1/2-8-12PR(II)	15x4 1/2-8
3.3		Number of Wheel		Front/Rear (x=driven)		2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2
3.6		Tread, Front		b10		940	940	940	940	950	940	940	950	940	940	940	940	950
3.7		Tread, Rear		b11		865	865	865	865	865	865	865	865	170	170	170	170	170
4.1		Tilting Angle		α / β		6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10
4.2		Mast Height, Lowered		h1		1995	1995	1995	1995	2110	1995	1995	2110	1995	1995	1995	1995	2110
4.3		Std.Free Lift		h2		140	140	140	140	150	140	140	150	135	135	140	140	150
4.4		Std.Lift Height		h3		3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
4.5		Mast Height, Extended		h4		3955	3955	3955	3955	3970	3955	3955	3970	3955	3955	3955	3955	3970
4.7		Height, Overhead Guard		h6		2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070
4.9		Length, with Std.Forks		l1		2825	2880	2880	3015	3100	3115	3115	3170	2560	2560	2855	2920	3035
4.20		Length, to Fork Face		l2		2095	2060	2060	2095	2180	2195	2195	2250	1790	1790	1935	2000	2115
4.21		Width, at Tyre		b1		1110	1110	1110	1110	1110	1110	1110	1160	1110	1110	1110	1110	1160
4.22		Forks		ISO 2328, Type A/B/no		31x100x770	35x100x430	35x100x430	35x100x430	38x122x430	35x100x430	35x100x430	38x122x430	31x100x770	31x100x770	35x100x430	35x100x430	38x122x430
4.23		Fork Carriage Class		Class 2, Type A		Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A	Class 2, Type A
4.24		Width, Fork Carriage		b3		970	970	970	970	970	970	970	970	970	970	970	970	970
4.25		Ground Clearance		m1		95	95	95	95	95	95	95	95	95	95	95	95	95
4.32		Right-Angle Steepling Angle		As1		3150	3155	3155	3190	3275	3335	3335	3395	2790	2790	2935	2995	3115
4.34		Turning Radius		Ws		1750	1750	1750	1785	1650	1930	1930	1970	1390	1390	1530	1590	1690
5.1		Travel Speed (FWD)		Loaded / Unloaded		15.0/17.0	15.0/17.0	15.0/17.0	15.0/17.0	14.0/16.0	15.0/17.0	15.0/17.0	14.0/16.0	15.0/17.0	15.0/17.0	15.0/17.0	15.0/17.0	14.0/16.0
5.2		Lifting Speed		Loaded / Unloaded		340/600	340/600	340/600	320/600	280/500	340/600	320/600	340/600	340/600	340/600	340/600	320/600	280/500
5.3		Lowering Speed		Loaded / Unloaded		450/950	450/950	450/950	450/950	370/440	450/950	450/950	370/440	450/950	450/950	450/950	450/950	370/440
5.6		Max. Drawbar Pull		Loaded 3min, rating		9560	9560	9560	9560	9045	9560	9560	9045	9560	9560	9560	9560	9045
5.8		Max. Gradability		Loaded 3min, rating 1.5h		19	19	19	16	14	16	16	14	19	19	19	16	14
5.10		Service Brake		Operation/Control		Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic
5.10.1		Parking Brake		Operation/Control		Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical
5.10.2		Steering		Type		FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS
6.1		Drive Motor(AC)		80min/ating		4kW	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2
6.2		Pomp Motor(AC)		5 min/ating		5.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6.4		Battery Voltage		V		48	48	48	48	48	48	48	48	48	48	48	48	48
6.4.1		Battery Capacity/Min		Ah/5hr		330	330	402	402	468	645	645	480	280	280	402	402	468
6.4.2		Battery Capacity/Max		Ah/5hr		565	565	565	565	565	565	565	565	565	565	565	565	565
6.5		Battery Weight		Min./Capacity Battery,See line 6.4.1		610	720	720	720	760	1085	1085	1085	610	610	720	720	760
6.1		Drive Motor Control		Transistor		Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor
6.2		Relief Pressure Attachment		bar		176	176	176	176	176	176	176	176	176	176	176	176	176
6.2.1		Reservoir Capacity		Ltr		23	23	23	23	23	23	23	23	23	23	23	23	23

■Dimensions/AE50 Series



■Dimensions/AM50 Series



ISO 9001 Quality Management System
(for Komatsu Forklift Tochigi Plant)



ISO 14001 Environmental Management System
(for Komatsu Forklift Tochigi Plant)



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For other options and attachments, please consult with your Komatsu dealer.
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Forklift trucks in this catalog may be shown with optional equipment.
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The performance values indicated herein represent nominal values obtained under typical operating conditions.

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