

SHOP MANUAL

AMX / BMX ELECTRIC FORKLIFT TRUCKS

SERIAL NO. 23001A~

AMX: FB15M-3, FB18M-3
BMX: FB18MG-3, FB20M-3



WARNING

Read and observe all warnings on this unit before operating it.

DO NOT operate this equipment unless all factory installed guards and shields are properly secured in place.

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40. MASTS

30D/35D/40D/50D/55D/60D-MS LIMITED FREE LIFT, 2-STAGE MAST (REFER ONLY TO 30D/35D/40D DATA)

30D/35D/40D/50D/55D/60D-MT FULL FREE LIFT, 3-STAGE MAST (REFER ONLY TO 30D/35D/40D DATA)

30D/35D/40D/50D/55D/60D-MD FULL FREE LIFT, 2-STAGE MAST (REFER ONLY TO 35D DATA)

E40/E50/E60, EV40/EV50/EV60 FULL FREE LIFT, 3-STAGE MAST (REFER ONLY TO EV40 DATA)

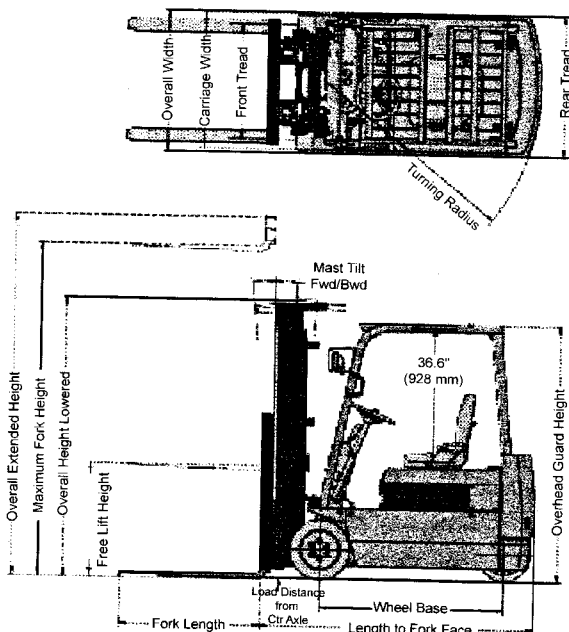
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GENERAL AND SPECIFICATIONS

OVERALL DIMENSIONS AND SPECIFICATIONS

Mast Data



NOTE: Specifications for 4-Stage Full Free View Masts are not indicated. Please consult your dealer for information and availability.

Maximum Fork Height in. (mm)	Overall Height†		Free Lift‡	
	Lowered in. (mm)	Extended† in. (mm)	in.	(mm)

FB15M/18M-3

2-STAGE FREE VIEW

106.0 (2,690)	74.5 (1,890)	154.0 (3,910)	5.5	(140)
118.0 (3,000)	80.5 (2,040)	166.0 (4,220)	5.5	(140)
130.0 (3,300)	86.5 (2,200)	178.0 (4,520)	5.5	(140)

2-STAGE FULL FREE VIEW

106.0 (2,700)	74.5 (1,890)	154.0 (3,910)	26.5	(670)
118.0 (3,000)	80.5 (2,040)	166.0 (4,220)	32.5	(830)
130.0 (3,300)	86.5 (2,200)	178.0 (4,520)	38.5	(980)

3-STAGE FULL FREE VIEW

158.5 (4,030)	73.5 (1,870)	206.5 (5,250)	25.5	(650)
170.5 (4,330)	77.5 (1,970)	218.5 (5,550)	29.5	(750)
188.5 (4,790)	83.5 (2,120)	236.5 (6,010)	35.5	(900)
198.5 (5,040)	87.5 (2,220)	246.5 (6,260)	39.5	(1,000)
216.5 (5,500)	95.5 (2,430)	264.5 (6,720)	47.5	(1,210)
235.5 (5,980)	104.5 (2,650)	283.5 (7,200)	56.5	(1,440)

FB18MG/20M-3

2-STAGE FREE VIEW "UltraVizion"

106.0 (2,690)	74.5 (890)	154.0 (3,910)	5.5	(140)
118.0 (3,000)	80.5 (2,040)	166.0 (4,220)	5.5	(140)
130.0 (3,300)	86.5 (2,200)	178.0 (4,520)	5.5	(140)

2-STAGE FULL FREE VIEW "UltraVizion"

TBA	TBA	TBA	TBA
TBA	TBA	TBA	TBA
TBA	TBA	TBA	TBA

3-STAGE FULL FREE VIEW "UltraVizion"

158.5 (4,030)	73.5 (1,870)	206.5 (5,250)	25.5	(650)
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Komatsu Proven Ability Features

Komatsu Proven Ability is Komatsu's ability to eclipse the competition by taking the complicated and making it simple. We strive to provide innovative solutions using the technologies of tomorrow — today.



SPECIAL FEATURES

- ☑ Powerful AC induction drive motor for top level performance and low maintenance.
- ☑ 3 types of regenerative braking recharging the batteries when:
 - Accelerator is released
 - Switch back (reverse shift)
 - Brake pedal is activated
- ☑ Low and wide floorboard for easier on and off.
- ☑ Convenient hinged side access cover provides fast access to power steering and hydraulic motors and pumps.
- ☑ Easy opening, all-steel, swing-up battery cover.
- ☑ Overhead guard with full lattice top design and angled front cross member offers exceptional upward view for the operator.

STANDARD EQUIPMENT

- ☑ AC drive motor controller
- ☑ DC lift and power steering
- ☑ Dual hydraulic disk brakes
- ☑ Tilt steering column
- ☑ Overhead guard (ANSI)
- ☑ Fully hydrostatic power steering (FHPS)
- ☑ Load backrest
- ☑ Battery and operator restraint systems
- ☑ Headlights — OHG-mounted
- ☑ 3-way valve
- ☑ Battery discharge indicator
- ☑ Lift interrupt

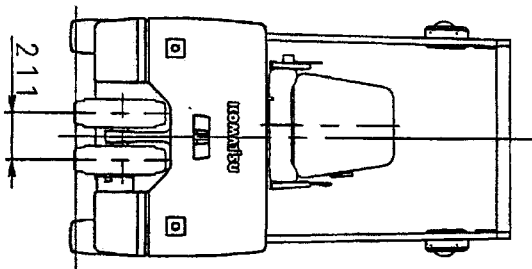
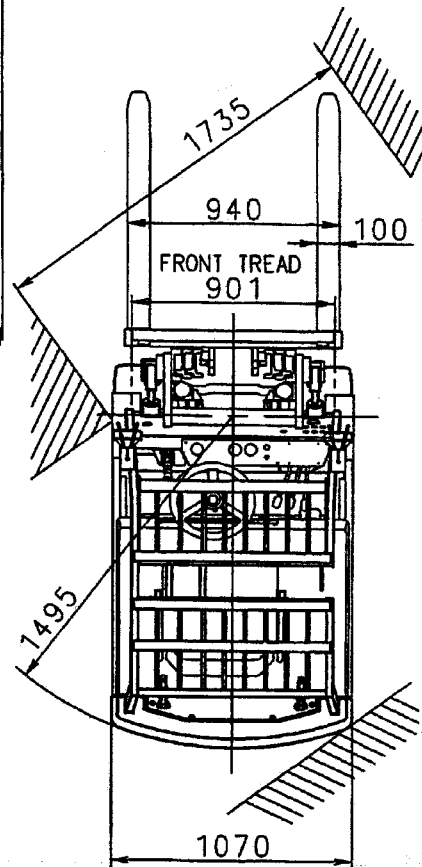
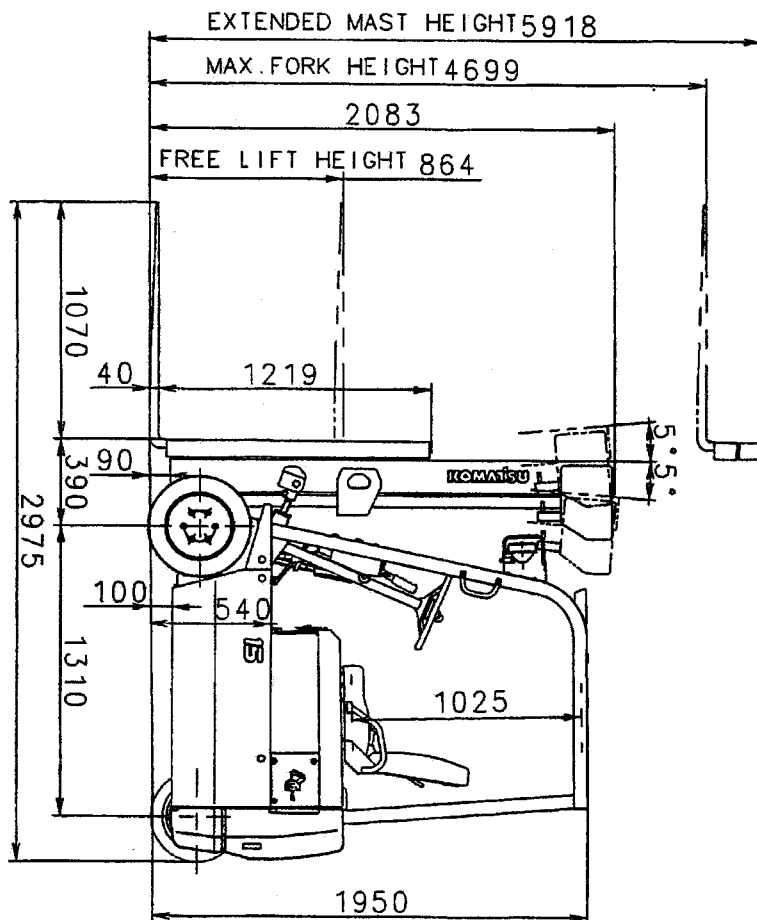
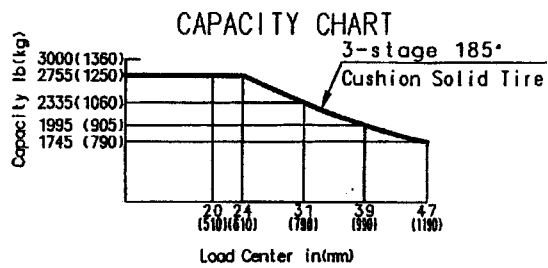
OPTIONAL EQUIPMENT

- ☐ Warning devices — audible
- ☐ Warning devices — visible
- ☐ Auxiliary hydraulic valve
- ☐ Internal hydraulic hosing
- ☐ Attachments
- ☐ Additional length forks
- ☐ Rear stop and tail lamps
- ☐ Battery slide removal
- ☐ Cold/freezer protection
- ☐ Drive-in rack OHG

Contact your authorized dealer for other options.

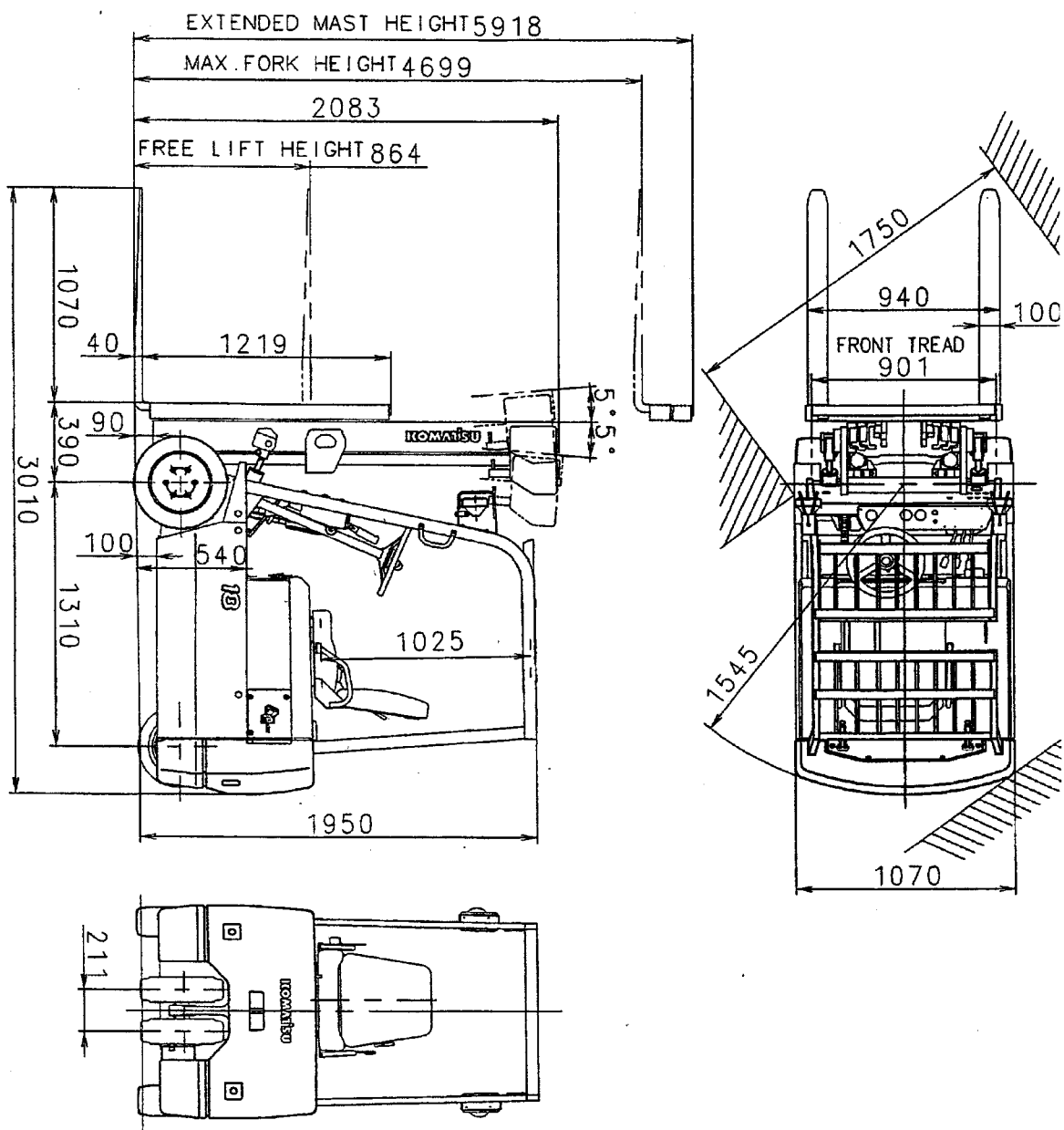
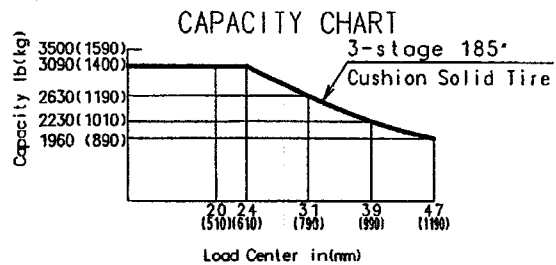
GENERAL AND SPECIFICATIONS

FB15M-3



FB15M-3-SPECS

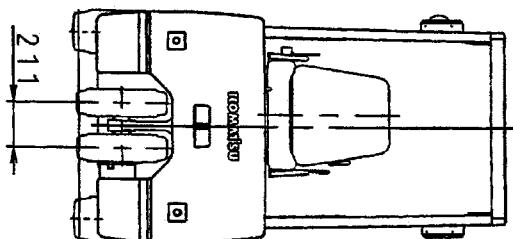
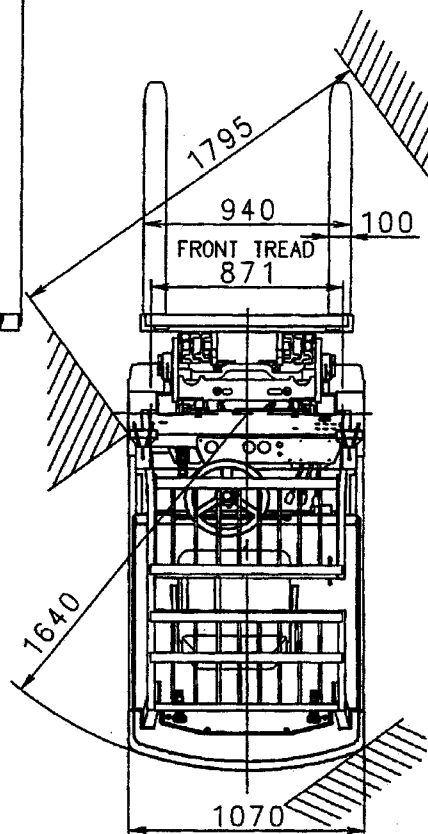
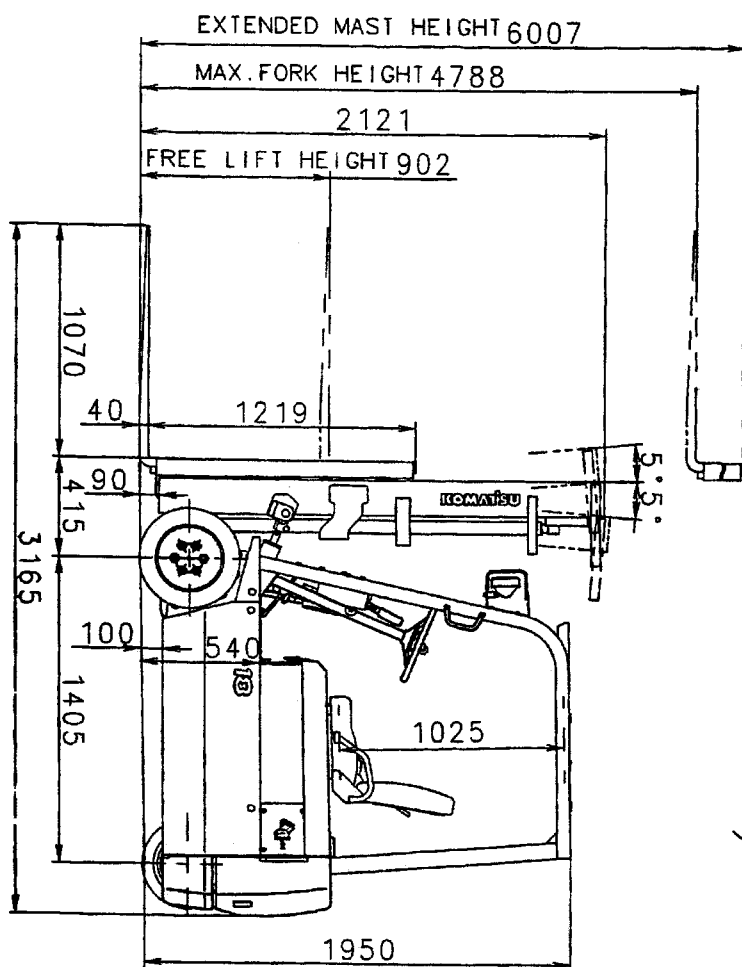
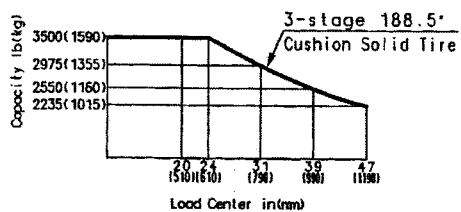
FB18M-3



GENERAL AND SPECIFICATIONS

FB18MG-3

CAPACITY CHART



FB18MG-3-SPECS