



**1-1.8 ton**  
ENGINE POWERED  
FORKLIFT

STANDARD EQUIPMENT

Hour meter  
Horn  
Oil pressure alarm  
Three-spool control valve  
Power steering  
Rubber pedal pad  
Backrest  
Back view mirror  
Front combined lights  
Transmission oil filter  
Engine flameout device  
Parking brake cable  
Water temperature meter  
Attached tools  
Rear combined lights  
Reversing buzzer  
Self-locking tilt valve  
Tilt adjustable steering column

Overhead guard  
Standard forks  
Central Control Box  
Hydraulic circuit oil filter  
Radiator tank  
Speed-limiting valve  
Oil meter  
Battery-charge indicator  
Wide-view mast  
Intake device  
Durable tire  
Operating handles  
Fire extinguisher  
Standard seat  
Hydraulic oil gauge  
Overhead guard raincoat  
Torque converter oil gauge  
Combined display

OPTIONS

Cab  
Rotating warning light  
Vertical exhaust  
Double air filter  
Suspension seat  
Extended fork sleeve  
Heater  
Solid tire  
Widening fork carriage  
Windglass  
Purifying muffler  
Fire muffler  
Fire extinguisher  
Rear lights  
Air conditioning (some models)  
Electro-hydraulic switch  
OPS driving control  
Torque converter oil temperature meter

Tilt cylinder sleeve  
Steering cylinder sleeve  
User-specified color  
Optional attachments  
Steel protective fences  
Dual tires and protective devices  
LPG with the flip seat  
LPG single and dual-fuel system  
Power brake  
Side shifter

AUTHORIZED DEALER

ENGINE BY  
**ISUZU  
NISSAN  
MITSUBISHI**



**R**  
SERIES

**1-1.8ton**  
ENGINE POWERED  
FORKLIFT

**Reliable forklift**

**A reliable Drive system**



As the most reliable transmission system produced by BOMAC it has been validated by over twenty years experience in World market. Meanwhile, various ancillary devices of the power system ensure the reliability effectively.

- ✓ Durable transmission
- ✓ Equipped with the intake system & intake silencer
- ✓ Optional air filter pressure alarm device
- ✓ Automatic engine preheating system
- ✓ Cyclone Air Filter
- ✓ Lost foam casting
- ✓ Various high-power engines are available for customers' optional choices, and the emission meets the latest European & American environmental regulation.

**A reliable mast**



- The high internal-qualified mast confirmedly ensures the safety of the operator, truck and cargo.  
Standard configuration of the wide-view mast enlarges operators' view effectively, and ensures loading /unloading operations more reliable.
- ✓ Using the best German steel material for triplex mast (option only for triplex mast)
  - ✓ The frame of mast has more strength basing on the enlarged channel interface.
  - ✓ Clear visibility for standard wide-view mast
  - ✓ The channel with own patented technology has the first-rate quality.

**A reliable hydraulic system**

BOMAC has the most professional R&D base of cylinders, where we take advantage of the advanced manufacturing technologies and detecting means to ensure the reliability of all cylinders of the hydraulic system.

- ✓ Standard tilt cylinder by BOMAC
- ✓ Standard lift cylinder by BOMAC
- ✓ Standard steering cylinder by BOMAC
- ✓ Self-locking tilt cylinder
- ✓ Standard hydraulic circuit filter
- ✓ Speed buffer device on lifting system



**A reliable steering system**

The steering system with new technologies not only provides a smoother swerve and faster positioning & steering, but also effectively ensures operators' safety.



- ✓ Wearable tire
- ✓ Smaller turning radius
- ✓ Full hydraulic power steering

**Comfortable operation space**

Large operation space with ergonomic-design and configuration ensure the operation more comfortable & convenient, and effectively enhance the efficiency & safety of operation.

- ✓ Filled with noise-reducing and buffer rubber material between bonnet and frameworks
- ✓ Newly patented insulation materials of Bonnet
- ✓ Well-designed non-slip mat
- ✓ Special display with easily reading
- ✓ Standard files packet
- ✓ Exhaust system is flexibly connected with the frame.





Manufacturers Data and Design Characteristics																
Characteristics																
1	Manufacturer			BOMAC												
2	Model			RD10M	RD10A	RD15M	RD15A	RD18M	RD18A	RG10M	RG10A	RG15M	RG15A	RG18M	RG18A	
3	Power unit			Diesel					Gasoline							
4	Rated Capacity	kg		1000		1500		1750		1000		1500		1750		
5	Load Center	mm		500												
6	Operation			Driver seated												
Dimensions																
7	Overall max.lifting height (with backrest)	h4	mm	4030		4030		4030		4030		4030		4030		
8	Max.Lifting height	h3	mm	3000												
9	Height mast retracted(upright)	h1	mm	1995		1995		1995		1995		1995		1995		
10	Free lift height	h2	mm	152		155		155		152		155		155		
11	Backrest height(from upper face of forks)	h8	mm	1008		1005		1005		1008		1005		1005		
12	Overhead Guard clearance(from face of seat)	h7	mm	1025												
13	Overall height(overhead guard)	h6	mm	2070		2070		2070		2070		2070		2070		
14	Overall length(with forks)	L1	mm	2941		3165		3213		2941		3165		3213		
15	Overall length(without forks)	L2	mm	2171		2245		2293		2171		2245		2293		
16	Front overhang	X	mm	418		421		421		418		421		421		
17	Rear overhang	L4	mm	350		420		465		350		420		465		
18	Wheel base	L5	mm	1400		1400		1400		1400		1400		1400		
19	Coupler height	h5	mm	250		250		250		250		250		250		
20	Min.ground clearance under mast	m1	mm	110		110		110		110		110		110		
21	Overall width	B	mm	1070		1070		1070		1070		1070		1070		
22	Lateral fork adjustment outside of fork(Max./Min.)	S	mm	950/200												
23	Tread(front)	R	mm	890		890		920		890		890		920		
24	Tread(rear)	P	mm	920		920		920		920		920		920		
25	Outside turning radius	Wa	mm	1880		1955		1985		1880		1955		1985		
26	Inside turning radius	V	mm	110		110		95		110		110		95		
27	Min.intersecting aisle	Ra	mm	1977		2052		2093		1977		2052		2093		
28	Tilting angles(forward/backward)	$\alpha / \beta$		6° /12°												
29	Fork dimensions(axbxc)	mm		770×100×32		920×100×35		920×100×35		770×100×32		920×100×35		920×100×35		
Performance																
30	Max. Traveling speeds(With/Without load)	km/h		13.5/14.5												
31	Lifting Speeds(With/Without load)	mm/s		590/650												
32	Lowering Speeds(With/Without load)	mm/s		450/550												
33	Max. Draw-bar pull,(With/Without load)	kN		12.3/7	18/7	12.3/7	18/7	12.3/7	18/7	9.3/6.9	14.2/6.9	9.3/6.9	14.2/6.9	9.3/6.9	14.2/6.9	
34	Max. Negotiable Gradient(With/Without load)	%		≥20					30/22		37/22		23/18		27/18	
Weights																
35	Service Mass	kg		2220		2660		2890		2220		2660		2890		
36	Load Wheel with load(Front/Rear)	kg		2830/390		3640/520		4040/600		2830/390		3640/520		4040/600		
37	Load Wheel without load(Front/Rear)	kg		1220/1000		1170/1490		1140/1750		1220/1000		1170/1490		1140/1750		
Tyres																
38	Wheels number front/rear(x=driven)			2X/2												
39	Tyre Type			Pneumatic												
40	Tyre size(front)			6.50-10-10PR												
41	Tyre size(rear)			5.00-8-8PR												
42	Service Brake			Hydraulic-Foot Pedal												
43	Paking Brake			Mechanical-Hand Lever												
Drive																
44	Battery (Voltage/Capacity)	V/Ah		12/80					12/60							
45	Internal Combustion Engine Model			ISUZU C240PKJ					NISSAN K15							
46	Internal Combustion Engine Rated Output	kW/rpm		35.4/2500					23.6/2400							
47	Internal Combustion Engine Rated Torque	Nm/rpm		139.9/1800					103/1600							
48	Internal Combustion Engine Number of Cylinder			4-86×102					4-75.5×83							
49	Internal Combustion Engine Displacement	L		2.369					1.468							
50	Internal Combustion Engine Fuel Tank Capacity	L		38					38							
51	Transmission Number of Speed Fwd/Bwd type			1-1Power Shift T/M, 2-2 Manual Shift T/M					1-1Power Shift T/M, 2-2 Manual Shift T/M							

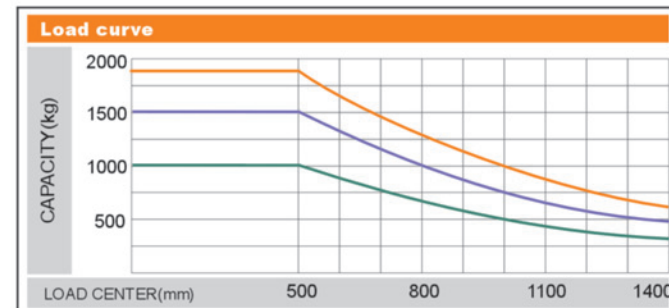
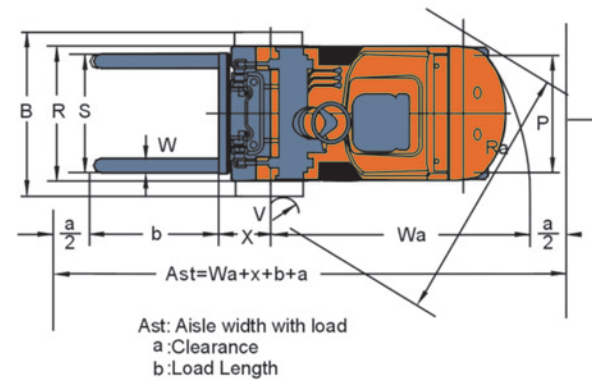
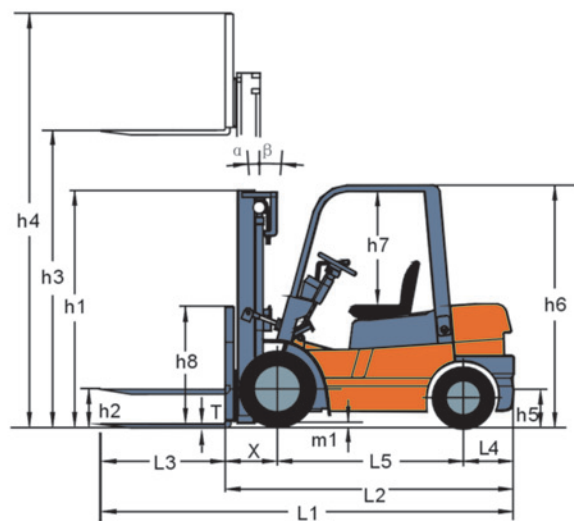
## Engin Model and Main Specification for Option

Engine Model	Rated Power / Rotating Speed (kW/rpm)	Rated Torque/ Rotating Speed (Nm/rpm)	Engine Capacity (L)	Number of cylinders	Remark
Kubota V2403	35.4/2400	161.3/1600	2.434	4	For 1-1.8t
Bomac TD3-K7A	30/2600	131/1700~1900	2.27	4	For 1-1.8t

## Reliable special designed instrument



Standard



The reliable special instrument gives a complete display of the vital information, like operation status, fault detection, etc. It ensures the operator predominate the vehicle status more intuitive and convenient.

- ✓ Stepping motor core
- ✓ Electrical safety standard meets CE requirements

## 1-1.8t WIDE VIEW MAST

Mast model	Max. fork height mm	Capacity at 500mm; Load center (kg)				Overall Mast Height (mm)	Tilting Angle	Service Weight (kg)			
		RG10M/ RD10A/ RD10A	RG15M/ RD15A/ RD15A	RG18M/ RD18A/ RD18A	RG18M/ RD18A/ RD18A			RG10M/ RD10A/ RD10A	RG15M/ RD15A/ RD15A	RG18M/ RD18A/ RD18A	RG18M/ RD18A/ RD18A
M200	2000	1000	1500	1750	1495	1-1.8t	6-12	2120	2530	2760	
M250	2500	1000	1500	1750	1745	1-1.8t	6-12	2145	2555	2785	
M300	3000	1000	1500	1750	1995	1-1.8t	6-12	2220	2660	2890	
M330	3300	1000	1500	1750	2145	1-1.8t	6-12	2165	2605	2835	
M350	3500	1000	1500	1750	2245	1-1.8t	6-12	2210	2620	2850	
M370	3700	1000	1500	1750	2345	1-1.8t	6-8	2230	2640	2870	
M400	4000	1000	1500	1750	2545	1-1.8t	6-8	2270	2680	2910	
M425	4250	950	1400	1600	2670	1-1.8t	6-8	2285	2695	2925	
M450	4500	950	1300	1500	2795	1-1.8t	6-8	2300	2710	2940	
M500	5000	830	1000	1100	3045	1-1.8t	6-6	2335	2745	2975	
M550	5500	*950	*1150	*1500	3345	1-1.8t	3-6	2500	2910	3140	
M600	6000	*850	*1050	*1400	3595	1-1.8t	3-6	2530	2940	3170	

NOTE: (1)For gas,diesel model +90kg dual wheels weight+110kg.  
(2)\*(Front wheel) is dual wheels load capacity.  
(3)Rated capacity with(\*) shows capacity with front dual tires.  
(4)Max lifting without lift-bracket-470mm.

## 1-1.8t WIDE VIEW FULL FREE 2-STAGE MAST

Mast model	Max. fork height (mm)	Capacity at 500mm; Load center (kg)				Overall Mast Height (mm)		Free Lift (with Backrest)	Tilting Angle	Service Weight (kg)			
		RG10M/ RD10A/ RD10M/ RD10A	RG15M/ RD15A/ RD15M/ RD15A	RG18M/ RD18A/ RD18M/ RD18A	RG18M/ RD18A/ RD18M/ RD18A	At Lowered	1-1.8t			RG10M/ RD10A/ RD10M/ RD10A	RG15M/ RD15A/ RD15M/ RD15A	RG18M/ RD18A/ RD18M/ RD18A	
ZM200	2000	1000	1500	1750	1535	520	6-12	2135	2555	2795			
ZM250	2500	1000	1500	1750	1745	735	6-12	2195	2615	2855			
ZM300	3000	1000	1500	1750	1995	945	6-12	2230	2650	2890			
ZM330	3300	1000	1500	1750	2145	1135	6-12	2250	2670	2910			
ZM350	3500	1000	1500	1750	2245	1235	6-12	2265	2685	2925			
ZM370	3700	1000	1500	1750	2370	1360	6-12	2280	2700	2940			
ZM400	4000	1000	1500	1750	2545	1535	6-12	2330	2750	2990			
ZM425	4250	950	1400	1600	2670	1660	6-12	2350	2770	3010			
ZM450	4500	950	1300	1500	2795	1785	6-12	2365	2785	3025			
ZM500	5000	830	1000	1100	3045	2035	6-8	2400	2820	3060			
ZM550	5500	900	1150	1500	3345	2335	3-6	2575	2995	3235			
ZM600	6000	850	1050	1400	3595	2585	3-6	2610	3030	3270			