

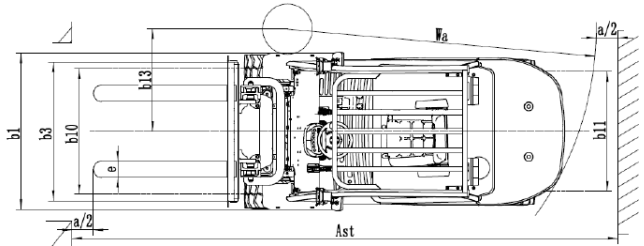
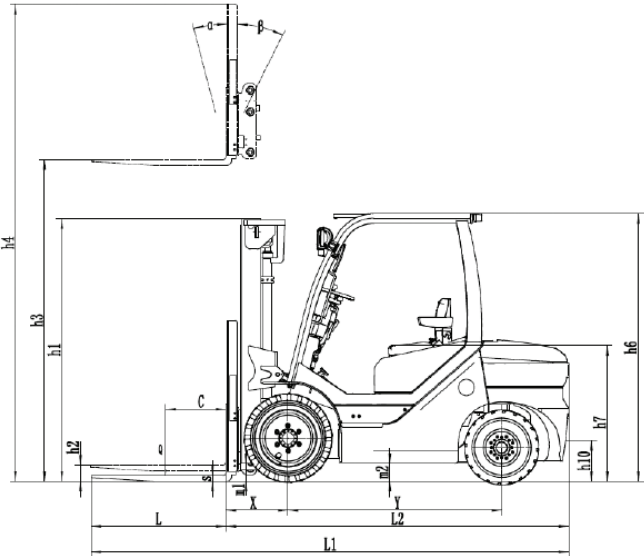


Counterbalanced Forklift 5,000/7,000 lbs. Capacity

KBD25/KBD35
Diesel Forklift Truck



	POS	ITEM DESCRIPTION	UNIT				
Specification	1.1	Manufacturer		KION BAOLI		KION BAOLI	
	1.2	Model designation		KBD25		KBD35	
	1.3	Power unit		Diesel		Diesel	
	1.4	Operation		Rider Seated		Rider Seated	
	1.5	Load capacity	Q	5000 lbs	2270 kg	7000 lbs	3177 kg
	1.6	Load center	c	24 in	600 mm	24 in	600 mm
	1.8	Axle center to fork face	x	19 in	484 mm	19 in	484 mm
	1.9	Wheelbase	y	67 in	1700 mm	67 in	1700 mm
	2.1	Service weight		9789 lbs	4440 kg	11904 lbs	5400 kg
Weight	2.2.1	Axle load with load, front		12998 lbs	5896 kg	16684 lbs	7568 kg
	2.2.2	Axle load with load, rear		1772 lbs	804 kg	2275 lbs	1032 kg
	2.3.1	Axle load without load, front		4806 lbs	2180 kg	4321 lbs	1960 kg
	2.3.2	Axle load without load, rear		4982 lbs	2260 kg	7583 lbs	3440 kg
Wheels and Tires	3.1	Tire: SE=(superelastic), P=(pneumatic), C=(cushion)	-	SE		SE	
	3.2	Tire size, front	-	28X9X15-14		28X9X15-14	
	3.3	Tire size, rear	-	6.50X10X10		6.50X10X10	
	3.5	Wheels, number front/rear (X=drive)	-	2X/2		2X/2	
	3.6	Track width, front	b10 mm(in)	39 in	1000 mm	41.7 in	1060 mm
Dimensions and Overall Sizes	3.7	Track width, rear	b11 mm(in)	38 in	970 mm	38 in	970 mm
	4.1	Mast tilt, forward/backward	/ (°)	6°/6°		6°/6°	
	4.2	Height of mast, lowered	h1	90 in	2280 mm	90 in	2280 mm
	4.3	Free lift	h2	50 in	1260 mm	41 in	1052 mm
	4.4	Lift	h3	189 in	4800 mm	189 in	4800 mm
	4.5	Height of mast, extended	h4	230 in	5840 mm	239 in	6073 mm
	4.7	Height of overhead guard (cabin)	h6	83 in	2108 mm	83 in	2108 mm
	4.8	Height of drive seat	h7	43 in	1085 mm	43 in	1085 mm
	4.12	Tow coupling height	h10	12 in	300 mm	12 in	300 mm
	4.19	Overall length	l1	156 in	3955 mm	162 in	4105 mm
	4.20	Length to fork face	l2	105 in	2665 mm	111 in	2815 mm
	4.21	Overall width	b1 / b2	48 in	1225 mm	51 in	1295 mm
	4.22	Fork dimensions SxExL	SxExL	1.5X4X48 in	38x102x1219 mm	1.75X5X48 in	44x127x1219 mm
	4.24	in of fork carriage	b3	41 in	1040 mm	43 in	1100 mm
	4.31	Ground clearance with load, mast	m1	5 in	135 mm	5 in	135 mm
	4.32	Ground clearance with load, center of wheelbase	m2	6 in	140 mm	6 in	140 mm
	4.33	Aisle width, 48" (1220mm) load & 8" (200mm) clearance	Ast	162 in	4124 mm	166 in	4224 mm
	4.34	Aisle width, add load & operational clearance	Ast	170 in	4324 mm	174 in	4424 mm
	4.35	Turning radius	Wa	96 in	2440 mm	100 in	2540 mm
	4.36	Minimum pivoting point distance	b13	32 in	810 mm	32 in	810 mm
Performance	5.1.1	Travelling speed, with load		11.8 mph	19 kmh	11.8 mph	19 kmh
	5.1.2	Travelling speed, without load		12.4 mph	20 kmh	12.4 mph	20 kmh
	5.2	Lifting speed, with load		84.4 fpm	0.43 m/s	66.7 fpm	0.34 m/s
		Lifting speed, without load		92.1 fpm	0.47 m/s	91.7 fpm	0.47 m/s
	5.3	Lowering speed, with load		86 fpm	0.44 m/s	84.8 fpm	0.43 m/s
		Lowering speed, without load		87.6 fpm	0.45 m/s	90.3 fpm	0.46 m/s
	5.5	Tractive force, with load		4384 lbf	19500 N	4271 lbf	19000 N
		Tractive force, without load		2653 lbf	11800 N	2248 lbf	10000 N
	5.7	Climbing ability, with load		15 %		15 %	
		Climbing ability, without load		15 %		15 %	
Engine	5.10	Service brake		Mechanical/hydraulic		Mechanical/hydraulic	
	7.1	Engine manufacturer/type		Kohler KDI1903 TCR 1.8L		Kohler KDI1903 TCR 1.8L	
	7.2	Engine rated power according to ISO 1585		56 hp	42 kw	56 hp	42 kw
	7.3	Rated speed		2600 rpm		2600 rpm	
Others	7.4	Number of cylinders/displacement		3/110 cu3	3/1800 cc	3/110 cu3	3/1800 cc
	8.1	Type of drive control		Torque Converter		Torque Converter	
	8.2	Working pressure for attachments		175 psi	2530 bar	175 psi	2530 bar
	10.1	Volume fuel tank		13.21 gal	50 l	13.21 gal	50 l



Performance

A powerful Kohler Tier 4 turbo diesel engine provides outstanding quality and performance. Kohler’s advanced, common rail direct injection system and Electronic Control Unit (ECU) with fuel mapping make these trucks more fuel efficient. Maintenance costs are lower with no requirement for a Diesel Particulate Filter (DPF) or Diesel Exhaust Fluid (DEF).

Quality & Support

Baoli forklifts come with the KION NA Standard Warranty and 12-months return on initial parts orders excluding maintenance parts.
1st Year: Standard Equipment/Unlimited Hours
2nd Year: Standard Powertrain/4,000 Hours
Extended warranty available

Service Network

Fully integrated into the KION North America supply chain and service system, Baoli provides shared resources from KION brands and offers a well-developed sales and service network. With Baoli spare parts in stock at the KION North America warehouse, spare parts delivery is possible within 24 hours throughout the U.S. through our authorized dealers.

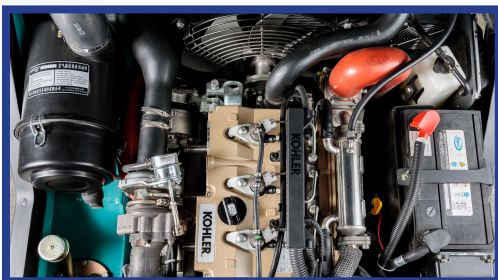
Standard Equipment

- Solid pneumatic (SE) drive and steer tires
 - Triplex 89.8 - 189 – 65 mast
 - 6° forward, 6° backwards tilt
 - Bolzoni hang-on side shifter
 - 40.9” wide by 39.5” (1,000 mm) high load backrest
 - Cab configurable, 83” OHG
 - Left and right external rearview mirrors
 - Rear pillar assist handle with horn
- Tilting, adjustable steering column
 - Comfort suspension seat with orange seat belt
 - Sequential seat belt interlock
 - Rear road lights (brake, reverse, turn signals)
 - LED twin spotlights forward - OHG mounted
 - Back-up alarm and strobe light
 - High air intake
 - KION NA Standard Warranty



Comfort & Convenience

The KBD line is equipped with many operator comfort and convenience features at no extra cost. The fully suspended and cushioned operator compartment, SE tires, adjustable comfort suspension seat and tilt steering column provide a more comfortable ride while accommodating different operators. Dual rear-view mirrors, LED work lights and a rear pillar assist handle with horn are among the work assist features on this model.



Easy Maintenance

- 500-hour maintenance interval
- Single-side engine maintenance
- Engine hood opens to nearly 90 degrees
- Onboard diagnostics



Options

- 4th-function hydraulics with four individual mechanical levers
- Blue spotlight rear – Left OHG mounted
- LED single spotlight rear – Right OHG mounted
- Fire extinguisher
- Compartment fan
- Full cab with heater (front/rear windows, wipers, right/left doors with glass, overhead light)
- Partial cab (front/rear windows with wipers)
- Baoli orange color

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Standard truck meets all applicable mandatory requirements of ANSI/ITSDF B56.1 standards for powered industrial trucks. NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. KION North America Corporation reserves the right to make improvements and changes in specification or design without notice and without incurring obligation. Please check with your authorized Baoli dealer for information on possible updates or revisions.