



A Member of KION Group

KION India

**KION**  
GROUP

**'ARAI' APPROVED**

**ALL-NEW  
Improved**

## **Baoli Diesel Forklift**

**COST-EFFECTIVE  
CONSISTENT PERFORMANCE  
EXCELLENT PRODUCTIVITY**

**Capacity : 2000 kg at 500mm LC  
Capacity : 3000 kg at 500mm LC**



## About KION Group

The KION Group has a global presence with products, services and solutions provided by its seven brand companies. The KION Group is the European market leader and the world's second largest manufacturer of forklift trucks and warehouse technology and it is one of the leading international suppliers

We have 24,000+ employees around the globe who go the extra mile for our customers every day and have contributed to the revenue of Euro 5.2 billion in 2015.

## About KION BAOLI

Baoli is an established brand in China which develops, manufactures, sells forklifts and trucks and provides solutions. Product range includes engine, electric forklift and warehouse trucks with load capacities of between 1 and 10 tonnes.

Baoli is headquartered at Jiangsu, China with state-of-art facility where over 700 employees work. With network of 80 dealers across countries, Baoli is set to be a leading brand in the economy forklift segment, combining the competitive advantages of KION operational excellence and Baoli's integrated manufacturing platform.

**Web for Baoli:** [www.baoli-mh.com](http://www.baoli-mh.com)

## Baoli Strengths :

### Hard-core material handling equipment Company :

Baoli is a global company focused on design and manufacturing of various handling equipment and moving ahead with technological and managerial support from KION Group, Germany.

### Technical advantages of Baoli engine:

- Compact in size
- Fuel-efficient
- Bharat Stage-III certified
- Low maintenance cost
- Directly mounted hydraulic pump type design



## Baoli Feature Analysis:

No.	Features	Advantages
<b>Safety</b>		
1	Inching control pedal	For precise movement of forklift truck in confined space
2	Bigger size of front tyres	For better ground contact and stability
3	Anti-skid chequered plate	For operator safety
4	Low profile cast counterweight	For better stability due to lowered centre of gravity
<b>Operator Comfort</b>		
1	Adjustable steering column	For better comfort and less fatigue
2	Utility Holder	For storing handy things
3	Seat Belt	For operator safety
4	Reverse Alarm, Rear view mirror, Signal lamp, Halogen front lamp	For operator safety
5	Horizontal exhaust below counterweight in place of vertical exhaust	For operating in both forward and reverse direction and hence smoke from exhaust comes from below to avoid operator hazard in confined space
<b>Maintenance</b>		
1	Heavy duty mast	For avoiding failure and breakage
2	Mast retaining support rollers	For smooth operation
3	Direct mounted hydraulic pump	For no flexible coupling
4	Heavy duty steering cylinder	For avoiding failure by increasing steering diameter





## Forklift Advantages



### Appearance

- Modern and Streamline design
- Specific outline
- Wider operating vision and larger driving space
- Comfortable operation, safety and reliability



### Antiskid Footstep

- Anti-skid footstep for operator safety
- Size of footstep increased for safety



### Counter Weight

- We provide Guard to avoid damage to the Radiator
- Rugged Lifetime Durability



### Spacious Grip

- The reasonable size of grip makes the driver convenient to get on.
- Competition has a low quality handle



### Adjustable Steering

- It can adjust 11 degree forward and backward through this button, this makes the space of the cabin more spacious.
- Locking steering in a particular angle is Weak in competition forklift.



### Spacious and Adjustable Seat

- Seat at appropriate height ensures easier visibility of Forks and safe handling of Load by the operator.
- The seat in the cabin can adjust 150mm forward and backward, this makes the space of the cabin more Spacious.
- High quality of seat, adjustable lever and safety belt.



### Heavy Duty Knuckle Joint

- Heavy Duty construction offers smooth and jerk less movement of Steering Wheel.



### High Performance Engine

- Designed for heavy working environment, long uptime
- High performance and very low emission
- High torque at low rpm
- Low emission guaranteed



#### Canopy Guard

- Solid steel Over Head Guard system with transparent covering for the operator to see the load above canopy height.
- Ease in visibility and use in all weather conditions
- High quality of solid steel for protection



#### Pedal

- From the left: inching pedal, brake pedal and Accelerator pedal
- Quick response in stopping the forklift by braking pedal



#### International Standard Air Filter

- Aluminum radiator of international technology assures Excellent cooling system.
- Robust quality with proper air sealing to ensure air to the Engine goes through the filter.



#### Engine Hood Safety Lock

- The internal lock of engine hood can prevent unintended touching, harm to the lock and opening up engine hood.
- The engine hood will pop up slightly by pulling up the release lever



#### Lamp Bracket

- Convenient to dismantle
- Protection cover available which prevents the lamp from getting disturbed



#### Hommization

- Carefully design, Dust-free
- No gaps in design ensures no accumulation of dust



#### Easy Maintenance

- The opening angle of engine cover is greatly extended, it is more convenient for maintenance.
- In competition it becomes difficult for maintenance because of limited engine cover opening angle.



#### Air Inlet Pipe

- Use of high quality pipe ensures fresh air is supplied to the Engine.
- Engine performs as per Spec rating which results into Longer Engine life and proper operation of forklift.



#### Front Tyre

- Larger size of the Tyre ensures
  - i. Better Stability
  - ii. Better gripping on the ground
  - iii. Longer life of the tyres



#### Ergonomics

- The store box is useful for the operator to keep water bottles, etc



#### Soft Landing Mast

- Buffering cylinder is standard spec of D-series, easier to handle fragile material.



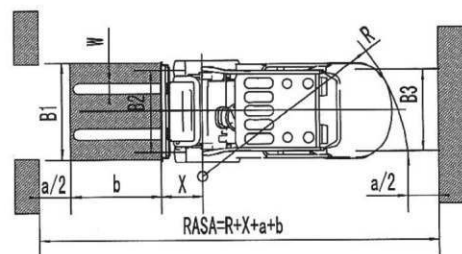
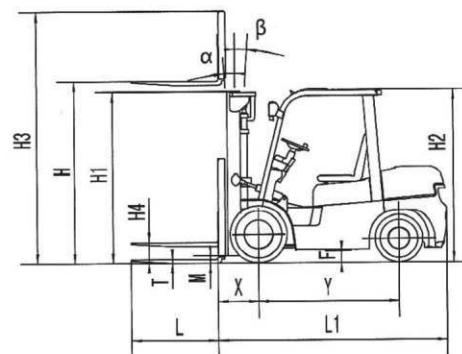
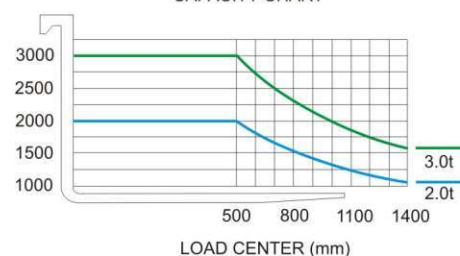
#### With widest front view among its kind

- If compared with CPCD30, the distance between mast frame increases from 490mm to 508mm, it's the widest among all China brands.



SPECIFICATIONS						
GENERAL	1	MANUFACTURER			Baoli	Baoli
	2	MODEL			CPCD 20	CPCD 30
	3	CAPACITY	LIFTING LOAD	KG	2000	3000
	4	LOAD CENTER	DISTANCE	MM	500	500
	5	POWER UNIT	ENGINE TYPE		DIESEL	DIESEL
	6	TYRES	PNEUMATIC (P)		PNEUMATIC	PNEUMATIC
DIMENSIONS	7	LIFT HEIGHT STD MAST	MAX FORK HEIGHT	MM H3	3000	3000
	8		FREE LIFT WITH STD HVM MAST	MM F	140	145
	9	FORK CARRIAGE	ISO CLASS		3A	3A
	10	FORK DIMENSIONS	LXWXT	MM	1070 X 120 X 40	1070 X 125 X 45
	11	TILT ANGLE WITH HVM	F / B	DEG	6 / 12	6 / 12
	12		LENGTH TO FACE OF FORKS	MM A1	2510	2720
	13		OVERALL WIDTH	MM B1	1150	1225
	14	OVERALL DIMENSIONS WITH STD HVM MAST	HEIGHT WITH COLLAPSED MAST	MM H1	2050	2080
	15		HEIGHT WITH EXTENDED MAST	MM	4040	4273
	16		HEIGHT OF CANOPY GUARD	MM H2	2060	2090
	17	TURNING RADIUS		MM R	2170	2490
PERFORMANCE	18	FRONT OVERHANG		MM A3	484	500
	19	aisle width	EQUAL AISLE	MM X	2170	2460
	20		aisle right angle	MM RASA	3790	3990
	21	SPEEDS WITH STD HVM	TRAVEL - LADEN / UNLADEN	KMPH	17 / 19	17 / 19
FRAME & TYRES	22		LIFTING - LADEN / UNLADEN	MM/S	400 / 450	400 / 450
	23	GRADABILITY**	LADEN	%	20	18
	24	STEERING TYRE	POWER STEERING		HYDROSTATIC	HYDROSTATIC
	25	WEIGHT	LADEN / UNLADEN	KG	5550 / 3550	7380 / 4380
	26		NO - FRONT / REAR	NO	2 / 2	2 / 2
	27	TYRES	SIZE - FRONT	MM	7-12-12PR	28"9"15-12PR
	28		SIZE -REAR	MM	6-9-10PR	6.5-1010PR
	29	WHEEL BASE		MM A2	1650	1700
DRIVE	30	TRACK	FRONT / REAR	MM B2/B3	970 / 970	1000 / 970
	31	GROUND CLEARANCE	UNDER FRAME	MM	115	135
	32	BRAKES	SERVICE		HYDRAULIC	HYDRAULIC
	33		PARKING		MECHANICAL	MECHANICAL
	34	ENGINE	MANUFACTURER / MODEL		C490BPG	C490BPG
	35		RATED HP AS PER IS 10000	KW	36.8	36.8
	36		RATED RPM	RPM	2650	2650
	37		RATED TORQUE (Nm @ RPM)		148@1900	148@1900
	38	TRANSMISSION	TRANSMISSION		AUTOMATIC	AUTOMATIC
	39		NO OF SPEEDS		1 / 1	1 / 1
	40		GEAR SHIFT		ELECTRIC	ELECTRIC

**LOAD CENTRE CHART FROM 2T TO 3T**  
CAPACITY CHART



RASA: Right-Angle Store Aisle  
a: Clearance b: Length of load

SAFETY: TRUCK CONFORMS TO STABILITY REQUIREMENT AS PER "BIS & "ISO" STANDARDS. ALL SPECIFICATIONS ARE SUBJECT TO +/- 12% TOLERANCE DUE TO CONTINUOUS DESIGN IMPROVEMENTS THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

MAST CONFIGURATIONS								
CPCD 20	TYPE OF MAST	MAST MODEL mm	OAH H1 mm	FFH* E mm	MFH H3 mm	MAST HEIGHT EXTENDED WITH LBR mm	TILT ANGLE DEGREE FWD/BWD	DERATED CAPACITY AT MFH (kg)
	2-Stage	HVD 3000	2060	1417	3000	4250	6 / 12	2000
	2-Stage	HVM 3600	2310	140	3600	4540	6 / 12	2000
CPCD 30	2-Stage	HVD 3000	2080	1420	3000	4273	6 / 12	3000
	3-Stage	HVT 4500	2180	1525	4500	5150	6 / 6	2400
	2-Stage	HVM 3000	2080	145	3000	4273	6 / 12	3000
	3-Stage	HVT 6000	2890	2261	6000	7273	3 / 6	2100



The specifications are subject to change without prior notice.  
Please contact our nearest office for latest specifications

June : 2016 / 00 Qty : 1000



## KION India Private Ltd.

**Plant** : 5/4 Chandan Nagar,  
Pune-Nagar Road,  
Pune - 411014, Maharashtra  
**Enquiries** : in.enquiries@kiongroup.com  
**Contact** : 020 - 67342 194 / 188 / 130



F.MKT:KION 302.140.00

### BRANCHES

• Ahmedabad 9925013566 • Bangalore 9731017401 / 7030401312 • Bhubaneswar 9090963883  
• Chandigarh 9878677873 • Chennai 8680067711/8680067712 • Cochin 9747357888 • Coimbatore 9810602184  
• Delhi 7840010261 / 262/264 • Hyderabad 9010150999 / 9971889325 • Indore 7770862223 • Jaipur 8440077044  
• Jamshedpur 9031098801 • Kolkata 9088026730 / 9088013533 • Lucknow 9889033532  
• Madurai 9840234189 / 8680067712 • Mumbai 7774027853 / 7722035028 • Nagpur 7774027836 • Pune 7774027840  
• Rudrapur 9760017871 • Surat 7624005557 • Vizag 9951066618

### DEALERS

• Agartala 9435993430 • Ahmedabad 84000099880 • Aurangabad 9657722566 • Bangalore 9880009008  
• Baroda 8128665685 • Bhopal 9893001962 • Bhubaneswar 9238310721 • Chakan 9604503624  
• Chandigarh 9814009048/9463998214 • Chennai 9940052996 • Cochin 8129400987 • Coimbatore 9842315181  
• Delhi 9871023439/9041228670 • Durgapur 9830194044 • Erode 9842015187 • Goa 9423312625/9850471387  
• Guwahati 9435993430 • Haldia 9830194044 • Hosur 9629302584 • Hubli 9482233151 • Hyderabad 9032047822  
• Indore 9826052942 • Itanagar 9435993430 • Jabalpur 9826052942 • Jaipur 7727950505 • Jamshedpur 9798426330  
• Jharsuguda 9090963883 • Jorhat 9435993430 • Kolhapur 9922996273 • Kolkata 9830194044  
• Kota 9414189976 • Lucknow 9415005471 • Ludhiana 9463998214 • Madurai 9750955044 • Mangalore 9482233151  
• Mysore 9449857458 • Nagpur 9552470007 • Nasik 9820288147 • Nellore 9959194936 • Palghat 8129192277  
• Pantnagar 8057405111 • Patna 9031464206 • Pondicherry 9787735921 • Pune 9922996269 • Raipur 8236835202  
• Rajkot 8128665674 • Ranipet 9787735921 • Roorkee 9219000900 • Salem 9715415181 • Shillong 9435993430  
• Siliguri 9830194044 • Surat 9099945929 • Talaja 8888996333 • Tirunelveli 9750955044 • Trichy 9750955044  
• Trivandrum 9995801271 • Udaipur 9414159451 • Vapi 8128665685 • Vijaywada 9966112330 • Vizag 9885011142