

**Specifications of DB(BD) series Electric Burden Carrier**

Model		*1DB	*2DB-X	*2DB	*3DB	*BD2 BD2B	ZD2	4DB-M	5DB-M	*BD3 BD3B
Rated Load Capacity (kg)		1000	2000	2000	3000	2000	2000	4000	5000	3000
Platform Size (mm)	A*B	1400×1000	1630*1150	2180*1350	2400*1350	2000*1400	2080*1400	2400*1400	2500*1400	2240*1400
Min. Height (mm)		560	680	700	820	700	820	820	720	820
Outline Size (mm)	L*W	2400*1000	2650*1150	3540*1350	3695*1350	3360*1400	3800*1400	3540*1400	3820*1400	3540*1400
Front Wheel Thead (mm)		835	917	1060	1070	1060	1060	1070	1070	1070
Rear Wheel Thead (mm)		850	981	1085	1115	1085	1115	1115	1115	1115
Wheel Base (mm)		1135	1370	1800	1900	1560	1650	1900	2185	1900
Ground Clearance (mm)		100	120	120	140	120	120	140	120	140
Drive Speed without Load (km/h)		10	15	12	12	18	18	18	18	18
Drive Speed with Load (km/h)		8	12	10	10	15	15	15	11.5	15
Min. Turning Radius (mm)		3000	3400	4000	4500	3500	3500	3900	4100	3900
Parking Brake distance (m)		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Max. Gradeability (%*m)		5*12	5*12	5*12	5*12	10*12	10*12	5*12	5*12	10*12
Driving Motor (kw)		1.35	2.5	2.5	5	3	3	5	6.3	5
Driving Motor Rated Current (a)		78	78	78	139	83	83	139	173	139
Battery Voltage (v)		24	40	40	48	48	48	48	48	48
Battery Capacity (AH/5hr)		250	250	250	308	250	250	330	440	308
Tire		500-8	600-9	700-9	700-12	700-9	700-9	700-12	700-9	700-12
Controller		KP2-150	KP2-150	KP2-150	QPK-41/48N	KP2-150	KP2-150	QPK-41/48N	QPK-41/48N	QPK-41/48N
General Transmission Ratio		7.51	7.51	7.51	11.32	11.69	11.32	11.32	11.32	11.32

Remark: with <\*>

1. the "S" is meaning of another new design; the "X" is meaning of narrow type
2. the "M" is meaning with closed cabin; the "CM" is meaning with Half closed cabin; "2M" is meaning with two lined Cabin
3. the "C" is meaning with long platform in the side; the "F" is meaning with calash cabin
4. "SHC" is meaning with scissor lifting device; the "ZD" is meaning with load and unload device
5. The imported Controller, Battery and Charger is optional.
6. Differences with appearance, style and feagures are available and we can do special design as required



Distributor:

**Trailer**

- With the capacity from 1T to 3T, the SINOLIFT trailer is perfect for warehouse applications.
- Its' deck is durable, made of 14-G diamond-plate steel.
- A rear hitch plate is standard – a train of trailers can move great quantities of materials at once.
- A tracking steering system, with front and rear wheels, follows the tow vehicle path through corners.



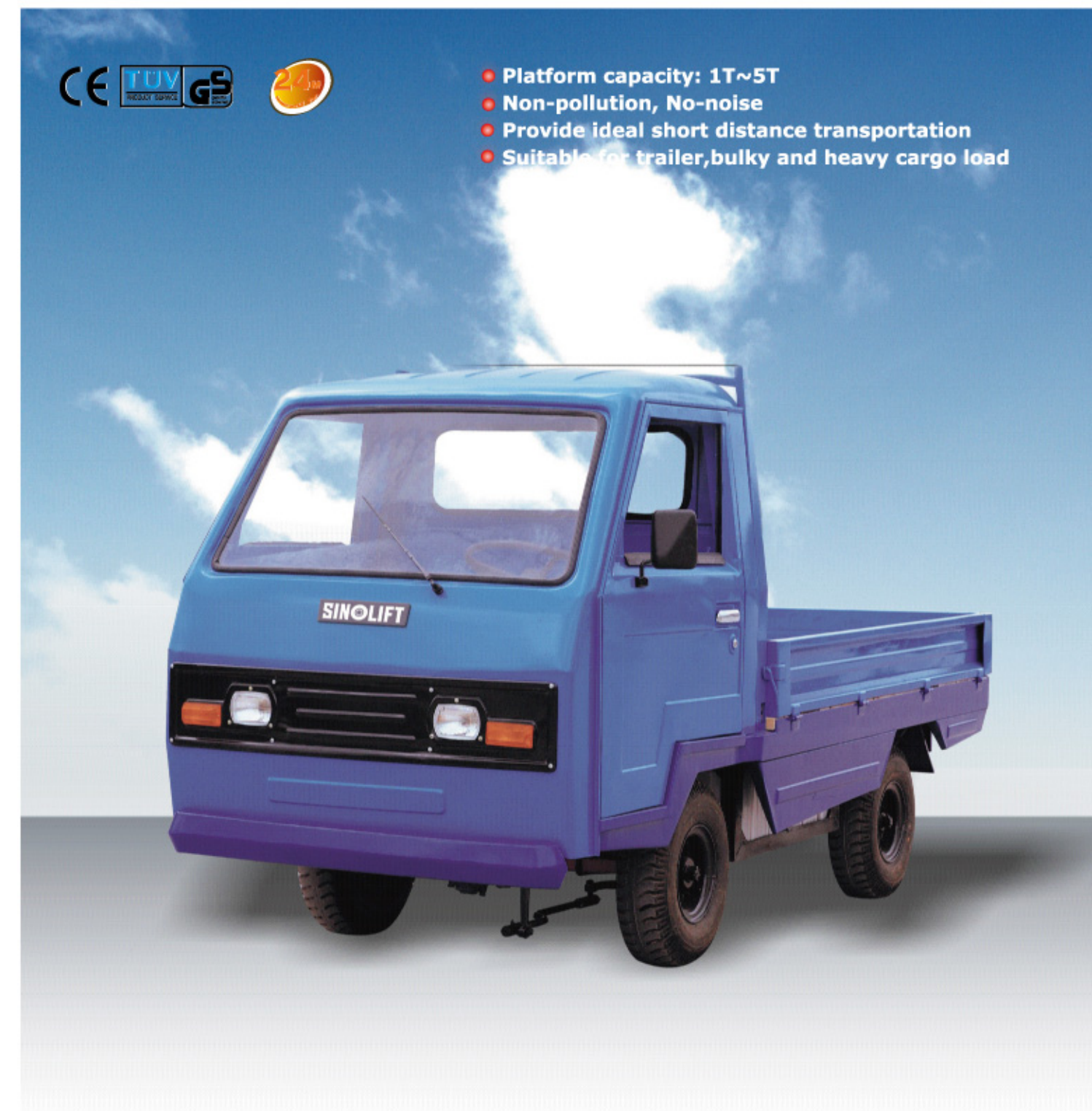
-Dimensions are not binding and can be changed in any moment.  
 -The performances must be intended for brand new machines, after having completed the running-in tested in SINOLIFT Factory in normal climatic conditions.  
 -Performances and weight are to be intended with standard motors and battery (reported in bold) and with pneumatic tyres.  
 -Some data can vary according to different equipments.



**DB/BD Series**

Electric Burden Carrier

ISO9001  
CE



- Platform capacity: 1T~5T
- Non-pollution, No-noise
- Provide ideal short distance transportation
- Suitable for trailer, bulky and heavy cargo load

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# Electric Burden Carrier



SH-1DB-S



SH-2DB-S



The Electric Platform truck/Burden Carrier is very suitable for driving in workyard, stores and warehouse. It is idea for transporting non standard, non-palletised loads between locations, with high ground clearance and solid rubber tyres it is capable of moving both in and outside the plant.

The truck is silent and a fast moving machine. The speed is electronically controlled which enables a fine stepless regulation to the desired speed level. The steering handle offers the operator an excellent maneuverability at all speeds. All controls are positioned close to each other on the handle to enable easy fingertip operations.

The power from the drive motor to the drive wheels is transmitted by a strong roller chain . A geared chain drive connecting the steering column with the steering arm on the axle makes steering effortless and comfortable for the operator.

Braking is usually obtained by reversing the current to the drive motor. Furthermore, our BD/DB series platform truck/Burden Carrier is equipped with an emergency and parking brake. Simultaneous supply cut-off to the motor through a micro switch is an additional safety feature.

The frame of the truck is very strong, and the platform is a non skid chequered plate.



SH-2DB-M  
SH-3DB-M  
SH-4DB-M  
SH-5DB-M



SH-3DB-C  
SH-2DB-C



SH-2DB-CM  
SH-3DB-CM  
SH-BD3-CM



SH-2DB-F



SH-1DB



SH-BD2B-M  
SH-BD3B-M



SH-ZD2



SHC-A



SH-2DB-X



SH-BD2-2M  
SH-BD3-2M



### Battery Charger

Automatically recharges to optimal levels while unit is connected to a power source.

Automatic Voltage checking system avoids overcharging, extending the battery life.



### Great Power Battery

High capacity traction battery with 5 year life; watering system and forced air cooling.

during operation and charging; quick change battery compartment.