

C4D150D-200D
C4G150D-200D



These internal combustion engine trucks have a short overall length and have been designed for general purpose handling duties in confined spaces. With its low centre of gravity, the very stable 4-wheel design utilises two independent high power front wheel hydraulic motors driven by a hydrostatic pump coupled to the engine.



Technical Details	C4D150D/C4G150D	C4D180D/C4G180D	C4D200D/C4G200D
Power unit	diesel/LPG	diesel/LPG	diesel/LPG
Operating type	driver seated	driver seated	driver seated
Rated capacity	kg 1500	1800	2000
Load centre	mm 500	500	500
Load per axle without load, front/rear	kg 1530/1570	1650/1600	1700/1700
Load per axle with load, front/rear	kg 4130/470	4570/480	4860/540
Number of wheels, front/rear	2-4/2	2-4/2	2-4/2
Wheel type, front/rear ¹⁾	SE/PN/SE.TW ⁸⁾	SE/PN/SE.TW ⁸⁾	SE/PN/SE.TW ⁸⁾
dimension, front	23x9-10/6,50-10 ⁵⁾⁶⁾⁷⁾	23x9-10/6,50-10 ⁵⁾⁶⁾⁷⁾	23x9-10/6,50-10 ⁵⁾⁶⁾⁷⁾
dimension, rear	18x7-8	18x7-8	18x7-8
Centre of wheels, front	mm 892/892/1061 ⁴⁾⁵⁾⁶⁾⁷⁾	892/892/1061 ⁴⁾⁵⁾⁶⁾⁷⁾	892/892/1061 ⁴⁾⁵⁾⁶⁾⁷⁾
Centre of wheels, rear	mm 863	863	863
Fork arm carriage acc. to ISO-FEM	II A	II A	II A
Travel speed, without/with rated load	km/h 18	18	18
Service brake	hydraulic	hydraulic	hydraulic
Parking brake	hand brake	hand brake	hand brake
Lift speed, without/with rated load	m/s 0,55/0,50	0,55/0,50	0,55/0,50
Lowering speed, without/with rated load	m/s < 0,55	< 0,55	< 0,55
Nom. drawbar pull, without/with load	N 10800/10500	10800/10500	10800/10500
Gradient, without/with rated load	% 28/17	28/16	26/15
Weight, total	kg 3100	3250	3400
Engine: manufacturer, model	Toyota 1 DZ-II/Toyota 4Y	Toyota 1 DZ-II/Toyota 4Y	Toyota 1 DZ-II/Toyota 4Y
Continuous power, CBD	kW/hp 40/54	40/54	40/54
Continuous power, CBG	kW/hp 37/50	37/50	37/50
Number of revolutions	1/min 2400	2400	2400
No. of cylinders, displacement	cm ³ 4-2486/4-2237	4-2486/4-2237	4-2486/4-2237
Model, gears	stepless hydrostatic	stepless hydrostatic	stepless hydrostatic
Clutch, type	—	—	—
Working pressure for attachments	bar 140	140	140

Dimensions, mm	C4D150D/C4G150D	C4D180D/C4G180D	C4D200D/C4G200D
x Front axle to fork face	390 ²⁾	390 ²⁾	390 ²⁾
y Wheel base	1490	1490	1490
α/β Mast tilt forward/backward	5°/10°	5°/10°	5°/10°
h ₆ Height overhead guard	2120	2120	2120
h ₇ Height of driver's seat	1040	1040	1040
l ₂ Truck length incl. back of fork	2275 ²⁾	2275 ²⁾	2275 ²⁾
b ₁ Chassis, width	1098/1135/1446 ⁵⁾⁶⁾⁷⁾	1098/1135/1446 ⁵⁾⁶⁾⁷⁾	1098/1135/1446 ⁵⁾⁶⁾⁷⁾
s Fork thickness	35	35	35
e Fork width	100	120	120
l Fork length	1000	1000	1000
m ₁ Floor clearance under mast	89	89	89
m ₂ Floor clearance mid wheelbase	125	125	125
A _{st} Aisle width, mm	3859/3659 ²⁾	3859/3659 ²⁾	3859/3659 ²⁾
Pallet size 800x1200/1000x1200 ³⁾			
W _a Turning radius	2069	2069	2069

1) C = Cushion, SE = Superelastic, PN = Pneumatic, TW = Twin

2) With side shift = +36mm

3) Shortside handling / longside handling

4) SE/PN/SE.TW/PN.TW

5) On request SE 6.50-10. b₁=1043mm. Track width 872mm

6) Chassis width with triplex mast and SE (6.50-10)

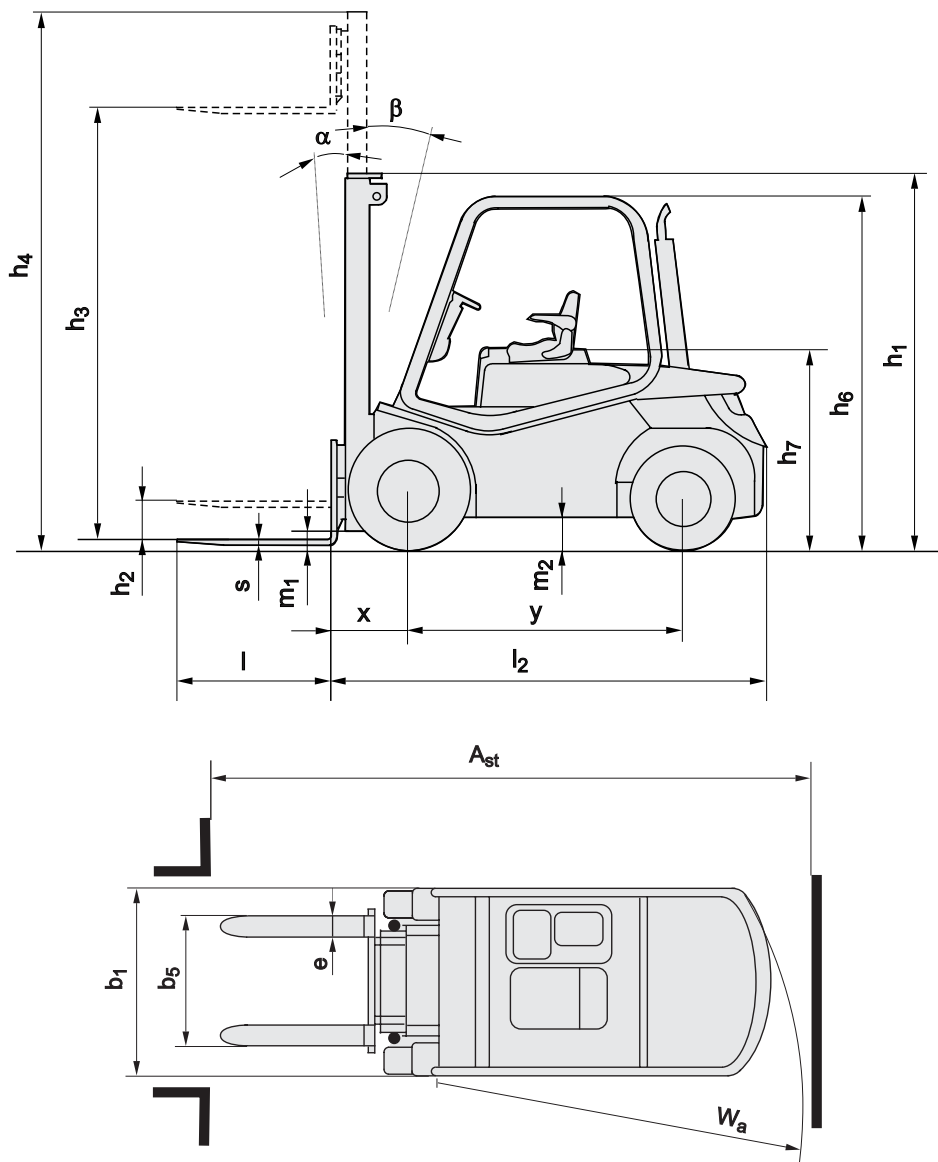
= 1105mm. Track width 934mm

7) Chassis width with triplex mast and PN (6.50-10)

= 1155mm. Track width 964mm

8) With Triplex mast, twin wheels not available

Mast, mm																	
h_3	Lift height	2840	2970	3170	3670	4170	4320	4470	4670	4965	4970	5565	5570	6165	6170	6570	6970
Duplex																	
h_1	Height of mast, min.		2060	2160	2410	2660											
h_2	Free lift		80	80	80	80											
h_4	Height of mast, max.		3520	3720	4220	4720											
Duplex FFL																	
h_1	Height of mast, min.	1990		2160	2410	2660											
h_2	Free lift	1410		1580	1830	2080											
h_4	Height of mast, max.	3420		3750	4250	4750											
Triplex																	
h_1	Height of mast, min.						2010			2260		2460		2710		2860	
h_2	Free lift						0			0		0		0		0	
h_4	Height of mast, max.						4900			5570		6170		6820		7240	
Triplex FFL																	
h_1	Height of mast, min.						2010	2060		2260		2460		2710	2860	3010	
h_2	Free lift						1430	1480		1680		1880		2130	2280	2430	
h_4	Height of mast, max.						4900	5050		5550		6150		6750	7150	7550	



Truck performance and dimensions are nominal and subject to tolerances.
 BT Products AB products and specifications are subject to change without notice.
 All data is based on VDI 2198.



- This design gives markedly higher acceleration and braking performance characteristics, yet delivers lower levels of fuel consumption — especially when frequent changes of direction are made. Lifting capacity from 1500kg up to 2000kg, lift heights up to 7005mm.
- The ergonomic cab features the highest standards in operator comfort, safety and ease of access.
- Clear-view mast with high torsional rigidity to allow safe handling of loads of all sizes.
- The steering wheel is fully adjustable in height and the automobile-style dashboard has main function indicator lights plus warning signals for operating faults and major component wear. Equipped with side shift as standard.
- The front wheels — which are among the largest in this class of trucks — give load stability, operator comfort and easy manoeuvring even on uneven ground.
- The hydrostatic transmission can be customized to set the parameters of the acceleration, deceleration, change of direction, brake release and inching control to suit every operation's requirements perfectly.
- 2.5 litre diesel or 2.2 litre LPG low pollution emission engines are available. Three braking systems — hydrostatic deceleration, oil bath brakes and parking brake — are standard.



Truck features	C4D/G150D	C4D/G180D	C4D/G200D
Hydrostatic transmission	S	S	S
Tilting mast	S	S	S
Independent hydrostatic drive wheel motors	S	S	S
Diesel engine	S	S	S
LPG Engine	S	S	S

Controls and instruments	C4D/G150D	C4D/G180D	C4D/G200D
Direct programmable hydrostatic control	S	S	S
Hour meter	S	S	S
Hydraulic steering	S	S	S
Side-shift	S	S	S
Balanced pedals control	O	O	O

Safety features	C4D/G150D	C4D/G180D	C4D/G200D
Clear-view mast	S	S	S
Clear-view overhead guard	S	S	S
Driver detection system	S	S	S
Hydrostatic brakes	S	S	S
Hydraulic parking brake	S	S	S

Drivers compartment features	C4D/G150D	C4D/G180D	C4D/G200D
Adjustable seat with safety belt	S	S	S
Adjustable steering wheel	S	S	S
Enclosed cab with or without heating	O	O	O

Maintenance features	C4D/G150D	C4D/G180D	C4D/G200D
Easy access for maintenance	S	S	S
Fault diagnosis facility	S	S	S
Oil bath brakes	S	S	S

S = Standard feature

O = Optional feature

— = Not available

