



Product Information

CTX Sei SF
CTX H SF

Combi Trucks with Shuttle Forks



The BT CTX SF range of combi trucks offers high performance load handling and order picking in wire or rail guided VNA applications.



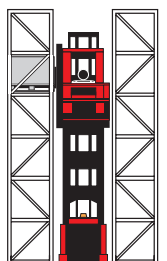
The introduction of the heavy duty CTX H SF version has raised the truck's handling capacity and maximum lift height without increasing the CTX footprint. The CTX H SF covers lift heights from 9.6m up to 12.6m while the standard model is used to advantage at lift heights up to 9.6m.



The CTX SF and CTX H SF lift 1250kg up to 7.4m and 10.4m respectively. Both versions can lift over 1000kg to their maximum lift heights.



- The advanced hydraulic lift system combined with smooth acceleration and "OPTIPACE" drive speed regulation allows very fast and confident load handling.
- The overall excellent ergonomics, with the wide cab and easy to operate controls, provide an optimal picking environment.
- Operating outside the very narrow aisle is easy and quick due to the unique articulated steering. The CTX steering allows faster aisles changes and uses a much smaller transfer aisle than a standard concept truck.
- A 4 wheel twin drive motor chassis combined with a rigid triplex mast guarantees excellent stability and low wheel pressure.
- Programmable performance, height limits etc. make the truck adaptable to customer needs.
- The multilingual operator interface shows in clear text:
 - fork and cab heights
 - operating information
 - service information.
- OPTIPACE sets the maximum allowable speed for a given lift height both inside and outside a guided aisle. Full driving speed, in aisle, up to 7.6m fork height.



Technical Details		CTX SEi SF	CTX H SF
Power unit		electrical, battery	electrical, battery
Operating type		stand on/ride on	stand on/ride on
Rated capacity	kg	1250	1250
Load centre	mm	600	600
Weight without battery and load (may vary due to specification)			
Weight (h ₁₂ = 4.5 m)	kg	5510	—
Weight (h ₁₂ = 7.5 m)	kg	6370	—
Weight (h ₁₂ = 10.5 m)	kg	—	7530
Wheel type, fork side/drive wheel side		polyurethane	polyurethane
No. and dimension fork side	mm	4 x Ø300 x 100	4 x Ø300 x 100
No. and dimension drive wheel side	mm	2 x Ø350 x 128	2 x Ø350 x 128
Travel speed, without/with rated load	m/s	2.5/2.5	2.5/2.5
Lift speed, without/with rated load	m/s	0.30/0.25	0.30/0.25
Lowering speed, without/with rated load	m/s	0.37/0.37	0.33/0.33
Lift speed auxiliary lift:			
Lift speed, without/with rated load	m/s	0.19/0.13	0.19/0.13
Combined lifting speed	m/s	0.49	0.49
Lowering speed, without/with rated load	m/s	0.20/0.20	0.20/0.20
Combined lowering speed	m/s	0.55	0.55
Service brake		electro-mechanical, multi step	electro-mechanical, multi step
Parking brake		electro-mechanical	electro-mechanical
Drive motor/Intermittent rating	kW/%	2 x 3.7/60	2 x 3.7/60
Lift motor/Intermittent rating	kW/%	12.1/20	12.1/20
Fork unit motor/Intermittent rating	kW/%	3.8/20	3.8/20
Battery (5h discharge)	V/Ah	48/945; 1020 ¹⁾	48/945; 1020 ¹⁾
Battery weight, min./max.	kg	1600/1700	1600/1700
Battery (5h discharge)	kWh	45.4—49.0	45.4—49.0
Steering system		electro-hydraulic power steering	electro-hydraulic power steering
Speed control, number of steps		electronical. stepless	electronical. stepless

Dimensions, mm		CTX SEi SF	CTX H SF
x	Front axle to fork back	490	490
y	Wheel base	1653	1653
b ₁₀	Track width front c/c	993/1143/1243	1143/1243
b ₁₁	Track width rear c/c	952	952
h ₆	Height of cab	2525	2525
h ₂₁	Height of cab inside	2050	2050
h ₂₂	Height of cab sides	1000	1000
h ₇	Instep height	410	410
h ₁₃	Height of lowered fork	365	365
b ₁	Chassis, width	1270/1420	1420
b ₂	Cab width	1230	1230
l ₂₃	Inside cab to auxiliary unit, centre line	735—1310	735—1310
l ₂₄	Entrance width	400	400
l ₂₂	Boom length	445—645	445—645
s	Fork thickness	70	70
e	Fork width	170	170
l	Fork length	600—1600	600—1600
b ₅	Width across fork	540	540
m ₁	Floor clearance	80	80
W _a	Turning radius	1776	1776

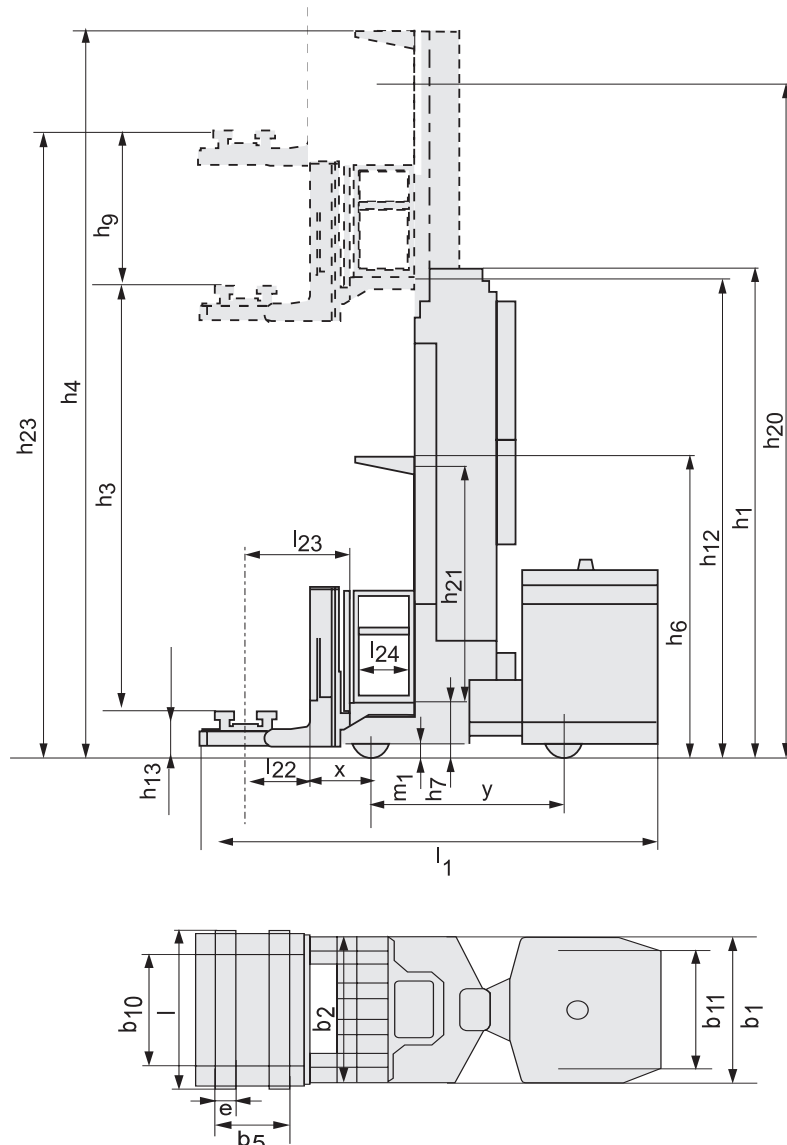
1) May vary locally

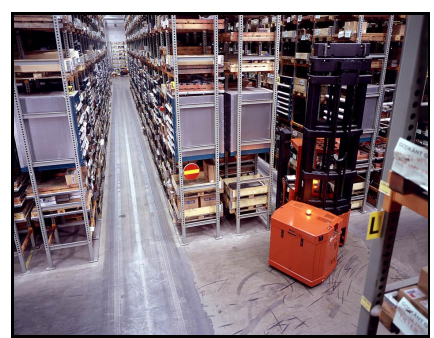
Dimensions, mm		CTX SEi SF					
h₁₂	Platform height	3500	4500	5500	6500	7500	8500
h ₂₀	Picking height	5100	6100	7100	8100	9100	10100
Auxiliary lift h₉ = 1210mm							
h₂₃	Total lift height ¹⁾	4665	5665	6665	7665	8665	9665
h ₁	Height of -mast, min.	2660	2900	3325	3600	4490	4825
h ₄	Height of mast, max.	5650	6650	7650	8650	9650	10650

Dimensions, mm		CTX SEi SF			
h₁₂	Platform height	8500	9500	10500	11500
h ₂₀	Picking height	10100	11100	12100	13100
Auxiliary lift h₉ = 1210mm					
h₂₃	Total lift height ¹⁾	9665	10665	11665	12665
h ₁	Height of mast, min.	4825	5160	5490	5825
h ₄	Height of mast, max.	10650	11650	12650	13650

1) $h_{23} = h_3 + h_9 + h_{13}$

Performance may vary due to motor and system efficiency tolerance and represents nominal values obtained under typical operating conditions. BT Products AB products and specifications are subject to change without notice.





BT Europe AB, SSD, Sweden — 748425-040, 0003



The product complies with the EC-directives



BT Industries

Developed and produced by
BT Products AB



SS-EN ISO 9001, No. 003
ISO 14001, No. M005

BT Industries AB
SE-595 81 MJÖLBY
Tel: +46 - (0)142/860 00
Fax: +46 - (0)142/860 80