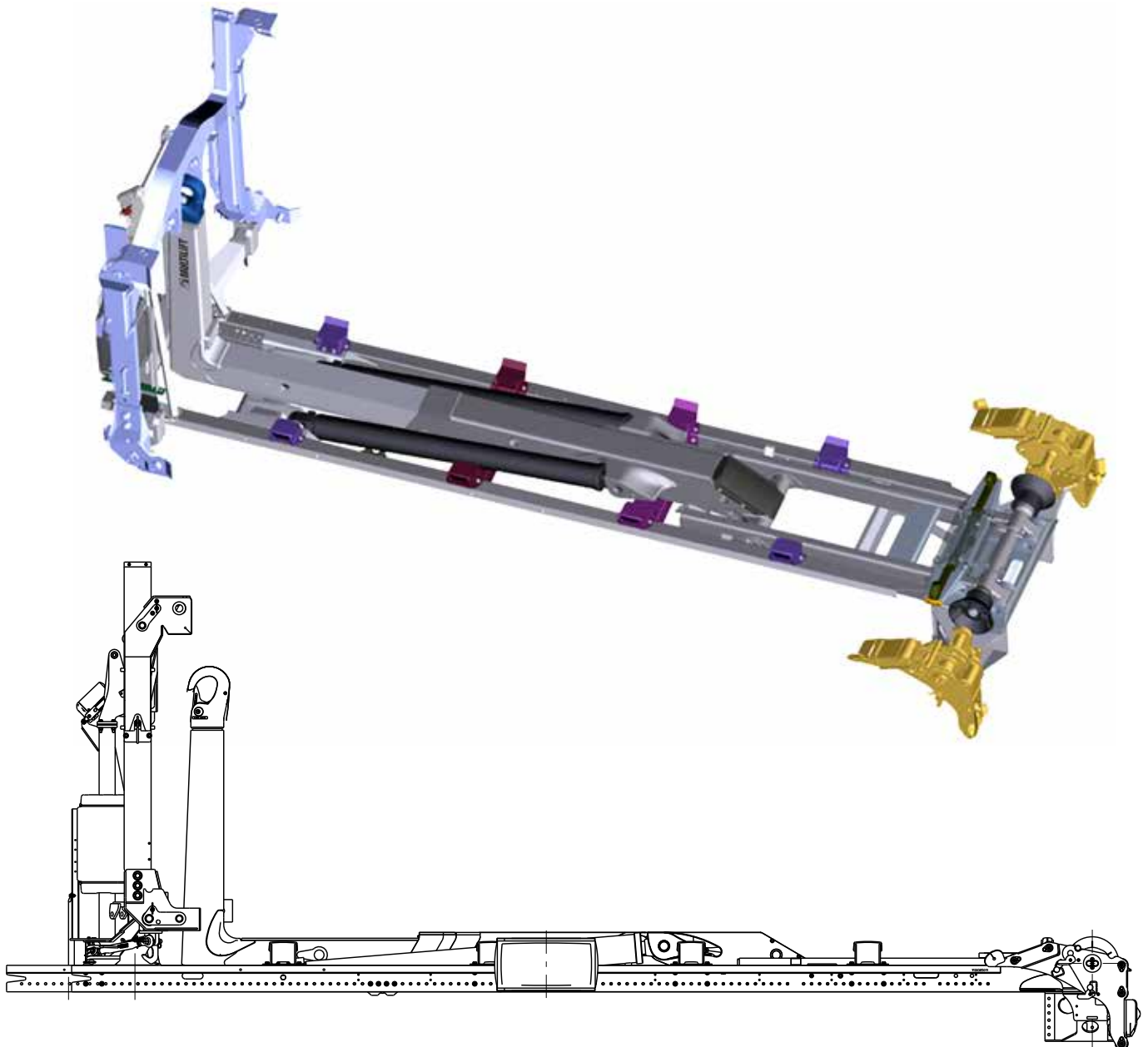


# **MULTILIFT ULTIMA 21S COMMANDER**

## **CONTAINER HANDLING UNIT**



Technical data

Type	MULTILIFT ULTIMA 21S COMMANDER	
MODEL	21S.56 CHU	21S.59 CHU
Vehicle type	3 or 4 axle	
GVW of the vehicle (t)	26-32	
Capacity hooklift (t)	21	
Capacity CHU (t)	16	
G-length	56	59
System weight (kg) (includes CHU components)	3750	3760
Tipping angle (°), flatrack	53	
Max. operating pressure (MPa)	30	
Recommended oil flow (l/min)	100	

Primary dimensions

LR = Body length (min - max) (m) internal	4,5 - 6,3	4,7 - 6,6
SL = Subframe length (mm)	6699	6969
B = Centre of gravity	3125	3235
G = Exact G-length*	5610	5880
HM = Horizontal movement, flatrack mode (mm)	950	1100
HM = Horizontal movement, container mode (mm)	1300	1450
TH = Hooklift tipping height (max) (mm)	5552	5767
LH = Hooklift loading/unloading height (max) (mm)	3380	4210
HP = Hook bar position (max) (mm)	3228	3330
BP = Body pickup height offset (HH 1570mm)**	-117	-123
h = Installation height (mm)	270***	
t = Min free tunnel height (body) (mm)	105***	
H = Hook height	1570	
BW = Body widht	1070	

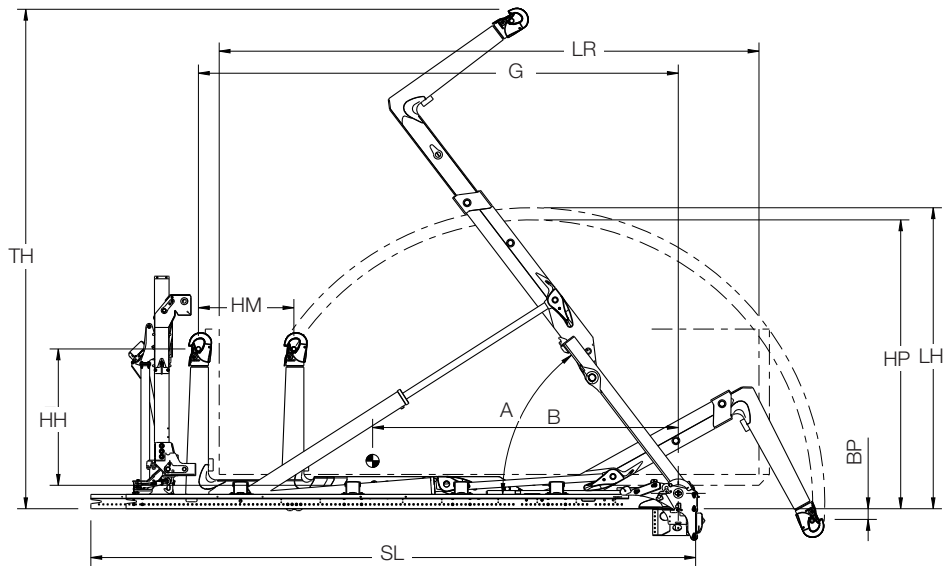
\* Exact G-Length can be +20mm/-40mm from dimension in the table depending on the hook height and body standard

\*\* Body pickup height offset is calculated from the final chassis height that the hooklift subframe is mounted to the truck.

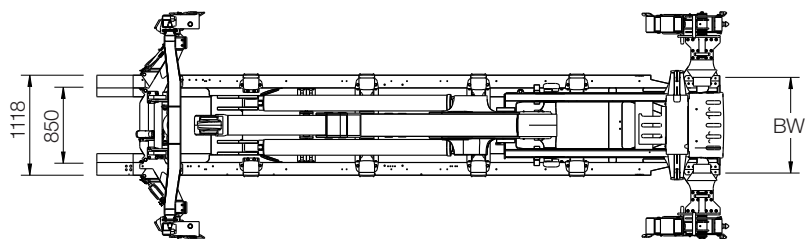
Note! Any additional subframe added to the truck's chassis must also be calculated.

\*\*\* Installation height and corresponding free tunnel height depends on country and body standard

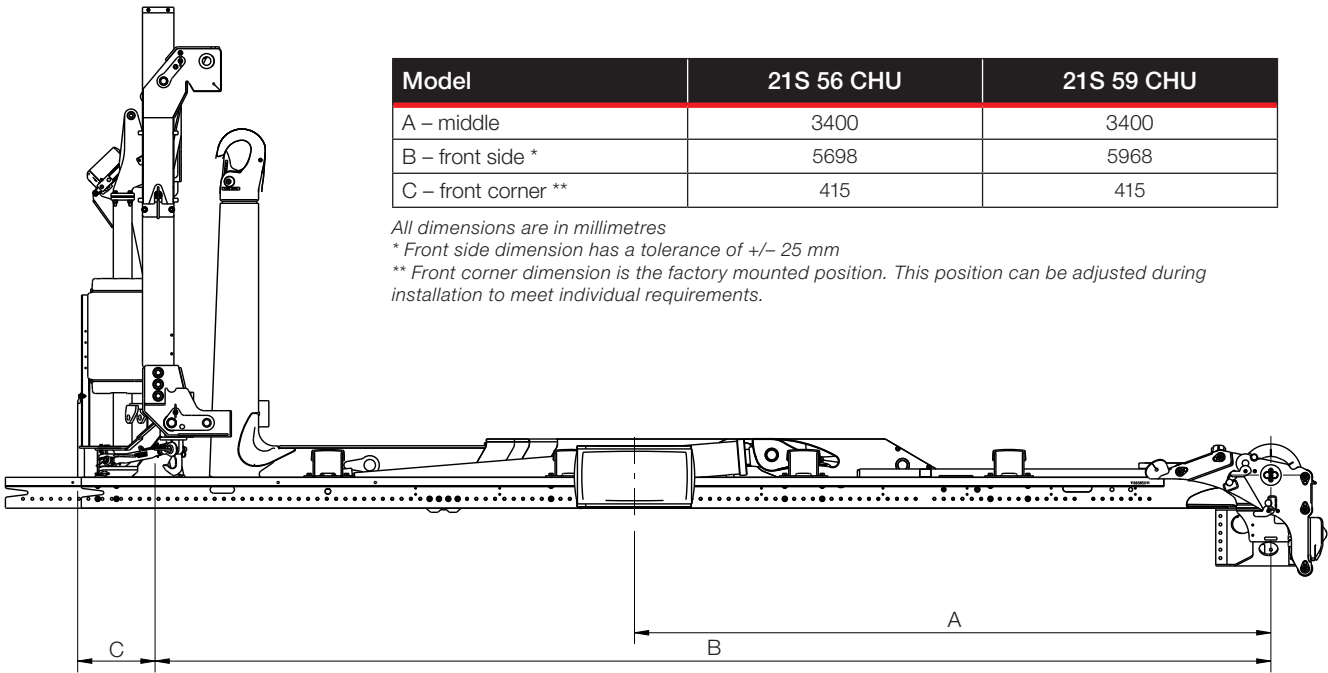
MULTILIFT ULTIMA 21S COMMANDER side view



MULTILIFT XR21S COMMANDER top view



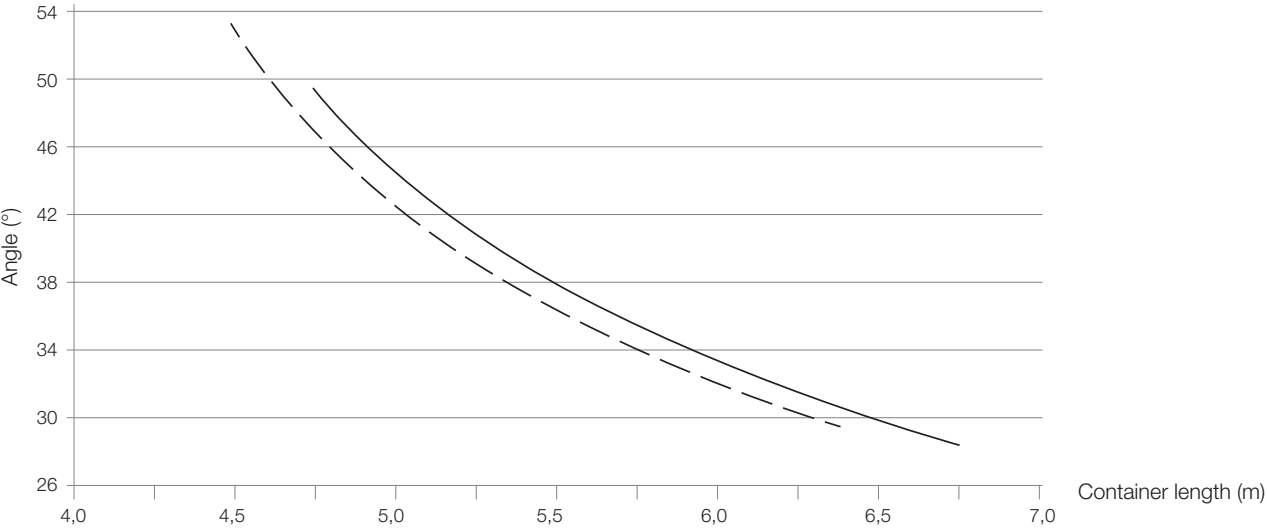
Position of control valve



Cycle times in seconds (s) based on the recommended oil flow

Cycle	Cycle times
Unloading	43 – 53
Loading	35 – 43
Tipping	39 – 47
Lowering	29 – 35
Complete cycle	146 – 178
Unloading	Open hydraulic body locks - Slide hookarm backwards - Outstroke main cylinders
Loading	Instroke main cylinders - Slide hookarm forwards - Close hydraulic body locks
Tipping	Outstroke main cylinders
Lowering	Instroke main cylinders
Complete cycle	Open hydraulic body locks - Slide hookarm backwards - Outstroke main cylinders - Instroke main cylinders - Slide hookarm forwards - Close hydraulic body locks - Outstroke main cylinders - Instroke main cylinders

MULTILIFT ULTIMA 21S COMMANDER Loading angle



# BUILT TO PERFORM

Hiab is the world's leading provider of on-road load-handling equipment, intelligent services and digitally connected solutions. Hiab's offering encompasses class-leading load handling equipment including HIAB loader cranes, LOGLIFT and JONSERED forestry and recycling cranes, MOFFETT truck-mounted forklifts, MULTILIFT demountables, and tail lifts under ZEPRO, DEL, and WALTCO brands. As the industry pioneer, our commitment is to increase efficiency in our customers' businesses and to shape the future of intelligent load handling.

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**Disclaimer.** We reserve the right to make changes. Illustrations, drawings and data are not always in accordance with the latest version or standard model in production. The models in the pictures may present special equipment or colours.



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