



MULTILIFT

MULTILIFT OPTIMA 15S

CAPACITY 15 t



TECHNICAL INFORMATION

Only for internal use

MULTILIFT OPTIMA 15S TECHNICAL DATA

Technical data	OPTIMA 15S.41	OPTIMA 15S.43	OPTIMA 15S.46	OPTIMA 15S.51	OPTIMA 15S.53	OPTIMA 15S.56
Capacity (t)	15					
G-Length	41	43	46	51	53	56
System weight (kg)	1600	1630	1660	1760	1840	1860
A = Tipping angle (°)	50	47	50	49	52	52
B = Centre of gravity (mm)	1830	1925	2080	2700	2850	2950
G = Exact G-length (mm) *	4080	4270	4580	5080	5360	5560
BP = Body pickup height offset (HH1450mm) **	+90	+103	+40	+28	+104	+90
BP = Body pickup height offset (HH1570mm) **	-13	-1	-68	-81	-7	-7
LH = Hooklift loading/unloading height (max) (mm)	2803	2818	3053	3091	3324	3326
LR = Body length (min - max) (m) internal	3,4 - 5,1	3,6 - 5,3	3,9 - 5,6	4,2 - 6,1	4,5 - 6,4	4,5 - 6,6
HM = Horizontal movement (mm)	900	900	900	1100	1100	1300
HP = Hook bar position (max) (mm)	2623	2638	2875	2930	3158	3158
SL = Subframe length (mm)	4808	4958	5308	5758	6508	6508
TH = Hooklift tipping height (max) (mm)	4550	4612	4949	5289	5609	5763
t = min. free tunnel height (body) (mm)	125					
h = INSTALLATION HEIGHT (mm)	230					
BW = BODY WIDTH(mm)	1152					
HH = Hook height (mm)	1575					
Max. operating pressure (MPa)	30					
Recommended oil flow (l/min)	50					

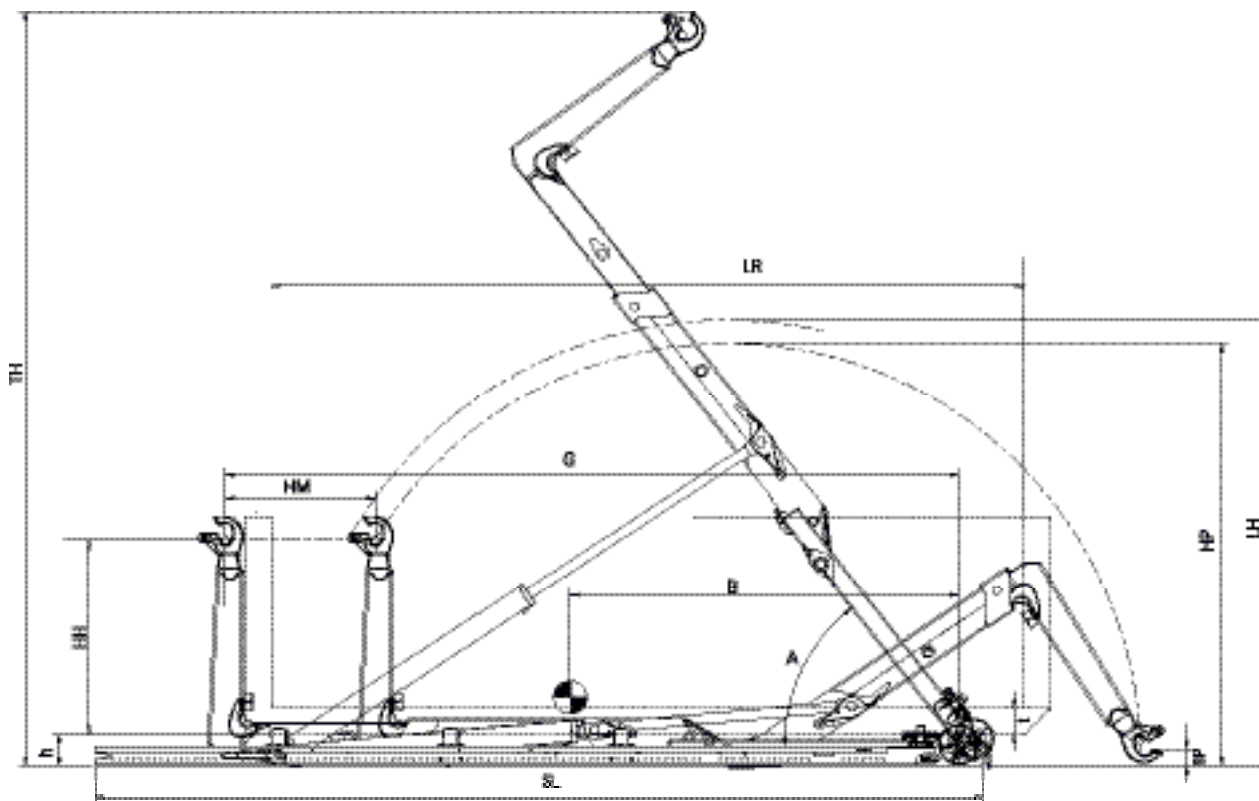
* Exact G-Length can be +20mm/-40mm from dimension in the table depending on the hook height and body standard

** 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.

*** Varies depending on country and body standard

MULTILIFT Optima 15S side view



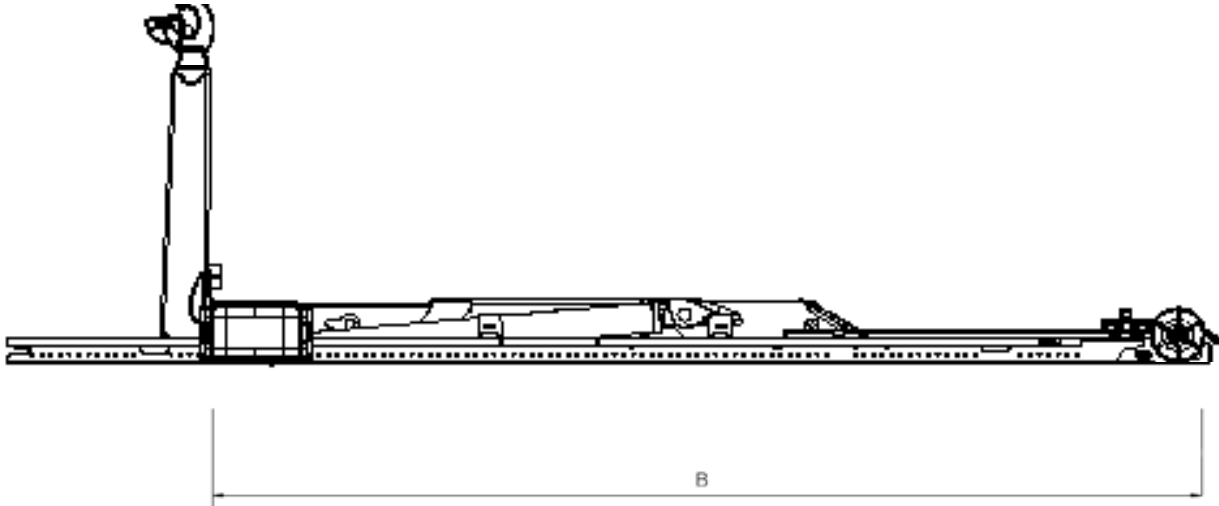
Position of control valve

Modell	OPTIMA 15S.41	OPTIMA 15S.43	OPTIMA 15S.46	OPTIMA 15S.51	OPTIMA 15S.53	OPTIMA 15S.56
B - Front side*	3840	4010	4276	4750	4987	4987

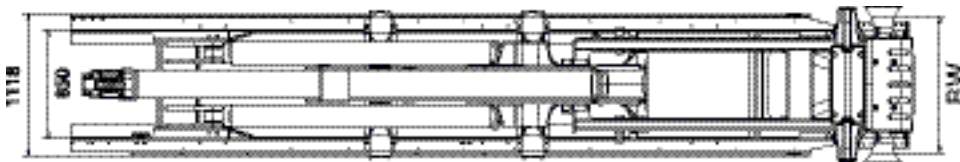
All dimensions are in millimetres

* Front side dimension has a tolerance of +/- 25 mm

Below shows our recommended position based upon certain body standards:



MULTILIFT Optima 15S top view



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

Cycle	Cycle times
Unloading	48 - 65
Loading	40 - 53
Tipping	42 - 56
Lowering	29 - 40
Complete cycle	159 - 214

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

BUILT TO PERFORM

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