



## Product range Hooklift & Skiploader



### Plant and head office

Rond-Point Auguste Colonna - B.P.70056  
42161 Andrézieux-Bouthéon cedex France  
Standard : +33 (0)4 77 36 28 28  
Fax : +33 (0)4 77 36 29 03  
E-mail : [contact@marrel.com](mailto:contact@marrel.com)  
Internet site : [www.marrel.com](http://www.marrel.com)



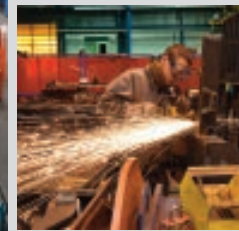
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# MARREL ASSISTS YOU IN THE REALIZATION OF YOUR PROJECTS



## Marrel is the inventor of the Ampliroll® hooklift

As designer, manufacturer and assembler of the system, the company has total control of the entire production process and offers a wide range of hydraulic hoists.

Combining intelligent design with high pressure hydraulics, Marrel's product range is thoroughly adapted to the requirements of professional users for efficiency and productivity.

The clever design and quality materials used in the production of Marrel Ampliroll hoists guarantee high performance and durability.

The product range, consisting of three lines of Ampliroll hooklift, allows containers of various lengths to be loaded from the ground onto a trailer, transported and tipped.

For a wider range of handling possibilities and optimum performance, the design office is able to tailor the equipment to meet specific customer requirements.

Versatility, power, reduced maintenance costs and standards compliance are the major advantages provided by Marrel Amplirolls.

**Innovation at the service of performance to meet your requirements for various applications.**

**The new Ampliroll® hooklift offers our customers the best-in-class performance**

### Strength

- Advanced tilting frame acting as a power multiplier providing an unmatched breakout force
- The bodies are lifted even if they are bogged down, the force at the hook is greater than the suction effect
- The Ampliroll® hooklift manages overloads and also unevenly distributed payload

### Productivity

- Faster deployment speed for optimized cycle times
- Reduced own weight for increased payload

### Versatility











- A higher number of equipment lengths for optimized and customized solutions
- A wide range of fully bolt-on accessories for homogeneous installations
- Low and uniform equipment height

### Quality









- Robust design, easy to use and to maintain
- All products are blasted to provide better anti-corrosion resistance
- Marrel plants are certified ISO 9001
- After the design, the products are tested over 24000 cycles in the Marrel research center to receive the Marrel label of quality and reliability.



## AMPLIROLL® HOOKLIFT

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Truck GVW up to 5.5 T				A26	A28	A30
 Container length	LG	mm		2800	3000	3200
 Lifting capacity		T		3	3	3
 Tipping angle		°		50	50	50
 Dist. hook to rear rollers	L1	mm		2600	2800	3000
 Telescopic jib stroke	L2	mm		685	850	850
 Installation height	H	mm		130	130	130
 Equipment net weight	Kg	Kg		370	380	380
 Operating pressure	MPa	MPa		27,5	28	29

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## SKIPLOADER

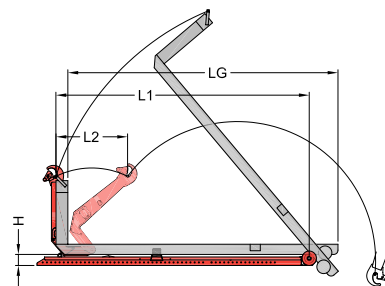
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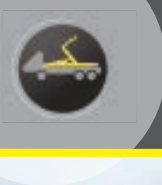
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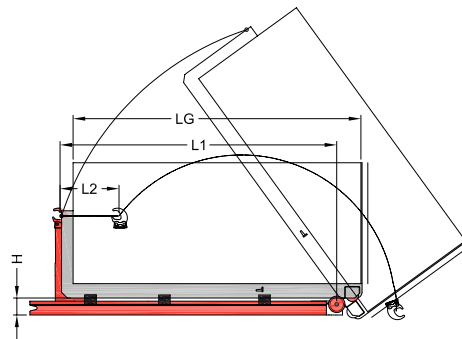
## Key points









- Tilting hook arm for lower lifting angle
- Optimized weight for more payload
- Electronic controls
- Hydraulic body locking





# AMPLIROLL AL 4



Truck GVW up to 7.5 T				A26	A27	A28
	Container length : min. max.	LG	mm	2300 3100	2300 3400	2300 3600
	Max body for fixed underrun bar			2800	2900	3000
	Lifting capacity	T		4	4	4
	Tipping angle	°		56	56	56
	Dist. hook to rear rollers	L1	mm	2550	2650	2750
	Telescopic Jib stroke	L2	mm	550	650	750
	installation height	H	mm	160	160	160
	Equipment net weight	Kg		605	615	625
	Operating pressure	MPa		28	28	28

A29	A30	A31	A32	A33	A34	A35	A36
2600 3800	2600 3800	2600 4000	2600 4100	2900 4200	2900 4300	2900 4400	2900 4500
3100	3200	3300	3400	3500	3600	3700	3800
4	4	4	4	4	4	4	4
56	56	56	56	53	53	53	53
2850	2950	3050	3150	3250	3350	3450	3550
550	650	750	850	650	750	850	950
160	160	160	160	160	160	160	160
635	645	655	665	675	685	695	705
30	30	30	30	31,5	31,5	31,5	31,5

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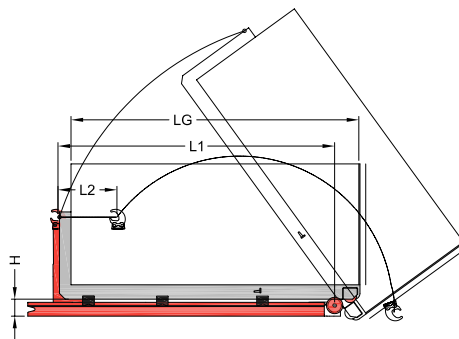
## Key points

- Body with hook height 920 mm or higher
- Welded hook
- Rail width 1060 or 850 mm (or combined)
- Electronic controls
- Tilting frame only for tipping
- Hydraulic body locking













# AMPLIROLL AL 5



## Truck GVW from 7.5 to 10T

Truck GVW from 7.5 to 10T				A26	A27	A28	A29	A30
	Container length : min. max.	LG	mm	2300 3100	2300 3400	2300 3600	2600 3800	2600 3900
	Max body for fixed underrun bar			2800	2900	3000	3100	3200
	Lifting capacity	T		5	5	5	5	5
	Tipping angle	°		56	56	56	56	56
	Dist. hook to rear rollers	L1	mm	2550	2650	2750	2850	2950
	Telescopic Jib stroke	L2	mm	550	650	750	550	650
	installation height	H	mm	160	160	160	160	160
	Equipment net weight	Kg		625	635	645	655	665
	Operating pressure	MPa		27,5	27,5	27,5	29	29

A31	A32	A33	A34	A35	A36	A37	A38	A39	A40
2600 4000	2600 4100	2900 4200	2900 4300	2900 4400	2900 4500	2900 4600	2900 4700	2900 4800	2900 4900
3300	3400	3500	3600	3700	3800	3900	4000	4100	4200
5	5	5	5	5	5	5	5	5	5
56	56	53	53	53	53	51	51	51	51
3050	3150	3250	3350	3450	3550	3650	3750	3850	3950
750	850	650	750	850	950	650	750	850	950
160	160	160	160	160	160	160	160	160	160
675	685	695	705	715	725	735	745	755	765
29	29	31	31	31	33	34	34	34	34

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## Key points

- Body with hook height 920 mm or higher
- Welded hook
- Rail width 1060 or 850 mm (or combined)
- Electronic controls
- Tilting frame only for tipping
- Hydraulic body locking











# AMPLIROLL AL 6

# AMPLIROLL AL 8



Truck GVW from 7.5 to 10T

				A29	A32	A33	A34
	Container length : min. max.	LG	mm	2700 3800	3000 4100	3000 4200	3000 4300
	Max body for fixed underrun bar			3200	3500	3600	3700
	Lifting capacity	T		5,6	5,6	5,6	5,6
	Tipping angle	°		58	61	61	61
	Dist. hook to rear rollers	L1	mm	2900	3210	3310	3410
	Telescopic Jib stroke	L2	mm	630	585	685	775
	installation height	H	mm	180	180	180	180
	Equipment net weight	Kg		700	750	750	750
	Operating pressure	MPa		31	34	34	34

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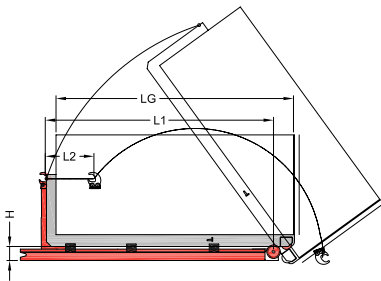
Truck GVW from 9 to 15T

A34	A35	A36	A37	A38	A39	A40	A41
3300 4400	3300 4500	3300 4600	3300 4800	3300 5000	3500 5100	3500 5200	3500 5300
3900	4000	4100	4200	4300	4400	4500	4600
8	8	8	8	8	8	8	8
54	54	54	54	54	54	54	54
3445	3545	3645	3745	3845	3945	4045	4145
530	630	730	830	930	830	930	1030
165	165	165	165	165	165	165	165
1000	1000	1000	1000	1030	1080	1080	1080
35	35	35	35	35	35	35	35

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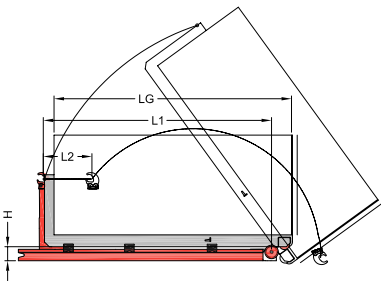
## Key points

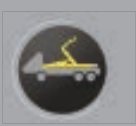
- Body with hook height 920 mm
- Welded hook
- High lifting capacity
- Electronic controls



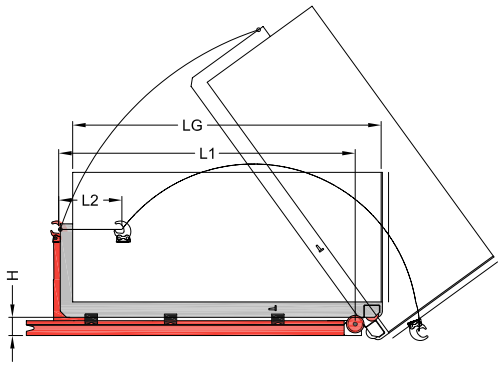
## Key points









- Body with hook height 1425 mm
- Welded hook
- High lifting capacity





# AMPLIROLL AL 10



Truck GVW from 9 to 15T				A34	A35
	Container length : min. max.	LG	mm	3300 4400	3300 4500
	Max body for fixed underrun bar			3900	4000
	Lifting capacity			T	
	Tipping angle	°		54	54
	Dist. hook to rear rollers	L1	mm	3445	3545
	Telescopic Jib stroke	L2	mm	530	630
	installation height	H	mm	165	165
	Equipment net weight	Kg		1020	1020
	Operating pressure	MPa		35	35

A36	A37	A38	A39	A40	A41
3300 4600	3300 4800	3300 5000	3500 5100	3500 5200	3500 5300
4100	4200	4300	4400	4500	4600
9,6	9,6	9,6	9,6	9,6	9,6
54	54	54	54	54	54
3645	3745	3845	3945	4045	4145
730	830	930	830	930	1030
165	165	165	165	165	165
1020	1020	1050	1100	1100	1100
35	35	35	35	35	35

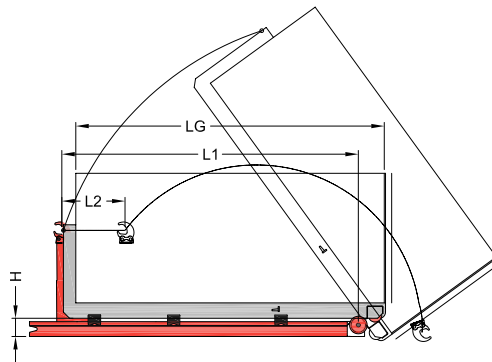
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## Key points

- Body with hook height 1425 mm
- Welded hook
- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Advanced Tilting Frame that acts as a power multiplier
- High lifting capacity



# AMPLIROLL AL12



Truck GVW from 15 to 19T				A37	A38	A39	
	Container length : min. max.	LG	mm	3500 4800	3500 4900	3500 5100	
	Max body for fixed underrun bar			4100	4200	4300	
	Lifting capacity	T		12	12	12	
	Tipping angle	°		52	52	52	
	Dist. hook to rear rollers	L1	mm	3650	3750	3850	
	Telescopic Jib stroke	L2	mm	500	600	700	
	installation height	H	mm	195	195	195	
	Equipment net weight	Kg		1200	1200	1200	
	Operating pressure	MPa		35	35	35	

A40	A41	A42	A43	A44	A45	A46
3700 5200	3700 5300	3700 5400	3900 5500	3900 5600	3900 5700	3900 5800
4400	4500	4600	4700	4800	4900	5000
12	12	12	12	12	12	12
48	48	48	44	44	44	44
3950	4050	4150	4250	4350	4450	4550
600	700	800	700	800	900	1000
195	195	195	195	195	195	195
1220	1220	1220	1250	1250	1250	1250
35	35	35	35	35	35	35

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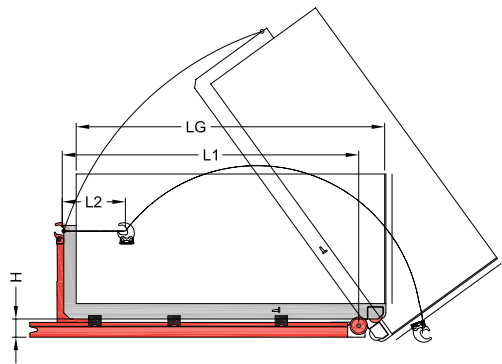
## Key points

- Innovative concept with tilting frame that is locked on the sub-frame in loading phase
- Automatic mechanical lock to secure main arm and tilting frame in loading phase
- Rear hydraulic body locking
- Pre-drilled subframe
- Pin mounted hook, easy to replace








# AMPLIROLL AL14



## Truck GVW from 15 to 19T

			S40	S41	S42	S43	S44	S45	S46
	Container length : min. max.	LG	3600 5100	3600 5200	3600 5300	3600 5400	3900 5500	3600 5600	3900 5700
	Max body for fixed underrun bar		4500	4600	4700	4800	4900	5000	5100
	Lifting capacity	T	14	14	14	14	14	14	14
	Tipping angle	°	52	52	52	52	58	52	58
	Dist. hook to rear rollers	L1	mm	4000	4100	4200	4300	4400	4600
	Telescopic Jib stroke	L2	mm	630	730	830	930	730	930
	installation height	H	mm	255	255	255	255	255	255
	Equipment net weight	Kg	1650	1650	1675	1675	1700	1700	1725
	Operating pressure	MPa	27	27	27	27	29,5	27	29,5

S47	S48	S49	S50	S51	S52	S53	S54	S55	S56	S57	S58
3900 5800	3900 5900	3900 6000	4000 6100	4200 6200	4200 6300	4300 6400	4500 6500	4500 6700	4500 6800	4500 6900	4500 7000
5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300
14	14	14	14	14	14	14	14	14	14	14	14
58	58	58	58	58	58	58	58	58	58	58	58
4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800
1030	1130	1230	1230	1130	1230	1230	1130	1230	1330	1430	1530
255	255	255	255	255	255	255	255	255	255	255	255
1750	1750	1750	1750	1950	1950	1950	2075	2090	2095	2095	2100
29,5	29,5	29,5	31	30	30	30	32	32	32	32	32

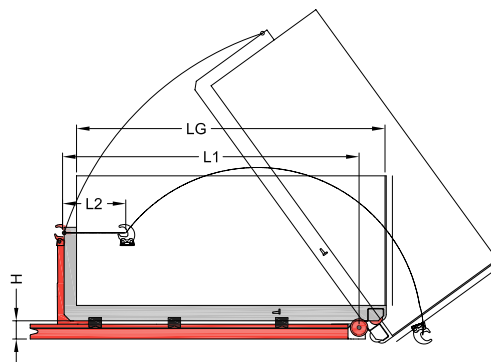
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## Key points








- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Pin mounted hook, easy to replace
- Pre-drilled subframe
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders for end of stroke damping



# AMPLIROLL AL16



## Truck GVW from 15 to 26T

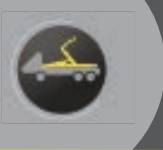
	Container length : min. max.	LG	mm	3600 5100	3600 5200	3600 5300	3600 5400	3900 5500	3600 5600	3900 5700
	Max body for fixed underrun bar			4500	4600	4700	4800	4900	5000	5100
	Lifting capacity		T	16	16	16	16	16	16	16
	Tipping angle		°	52	52	52	52	58	52	58
	Dist. hook to rear rollers	L1	mm	4000	4100	4200	4300	4400	4500	4600
	Telescopic Jib stroke	L2	mm	630	730	830	930	730	1130	930
	installation height	H	mm	255	255	255	255	255	255	255
	Equipment net weight		Kg	1650	1650	1675	1675	1700	1700	1725
	Operating pressure		MPa	29	29	29	29	31,5	29	31,5

S47	S48	S49	S50	S51	S52	S53	S54	S55	S56	S57	S58
3900 5800	3900 5900	3900 6000	4000 6100	4200 6200	4200 6300	4300 6400	4500 6500	4500 6700	4500 6800	4500 6900	4500 7000
5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300
16	16	16	16	16	16	16	16	16	16	16	16
58	58	58	58	58	58	58	58	58	58	58	58
4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800
1030	1130	1230	1230	1130	1230	1230	1130	1230	1330	1430	1530
255	255	255	255	255	255	255	255	255	255	255	255
1750	1750	1750	1750	1950	1950	1950	2075	2090	2095	2095	2100
31,5	31,5	31,5	32,5	32,5	32,5	32,5	34	34	34	34	34

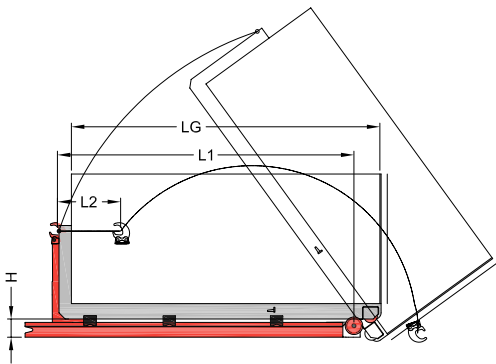
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## Key points

- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Pin mounted hook, easy to replace
- Pre-drilled subframe
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders for end of stroke damping



# AMPLIROLL AL18



Truck GVW 26T				S40	S41	S42	S43	S44	S45	S46
	Container length : min. max.	LG	mm	3600 5100	3600 5200	3600 5300	3600 5400	3900 5500	3600 5600	3900 5700
	Max body for fixed underrun bar			4500	4600	4700	4800	4900	5000	5100
	Lifting capacity	T		18	18	18	18	18	18	18
	Tipping angle	°		52	52	52	52	58	52	58
	Dist. hook to rear rollers	L1	mm	4000	4100	4200	4300	4400	4500	4600
	Telescopic jib stroke	L2	mm	630	730	830	930	730	1130	930
	installation height	H	mm	255	255	255	255	255	255	255
	Equipment net weight	Kg		1890	1900	1900	1900	1940	1910	1940
	Operating pressure	MPa		31	31	31	31	33,5	31	34

S47	S48	S49	S50	S51	S52	S53	S54	S55	S56	S57	S58
3900 5800	3900 5900	3900 6000	4000 6100	4200 6200	4200 6300	4300 6400	4500 6500	4500 6700	4500 6800	4500 6900	4500 7000
5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300
18	18	18	18	18	18	18	18	18	18	18	18
58	58	58	58	58	58	58	58	58	58	58	58
4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800
1030	1130	1230	1230	1130	1230	1230	1130	1230	1330	1430	1530
255	255	255	255	255	255	255	255	255	255	255	255
1960	1960	1970	1970	2100	2100	2110	2120	2140	2140	2140	2150
34	34	34	34	34	34	34	35	35	35	35	35

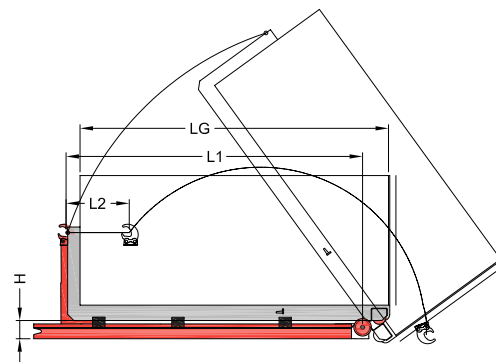
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## Key points









- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Pin mounted hook, easy to replace
- Pre-drilled subframe
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders for end of stroke damping



# AMPLIROLL AL20



## Truck GVW from 26 to 32T

	Container length : min. max.	LG	mm	3700 5500	3700 5600	3700 5700	3700 5800	4000 5900	4000 6000
	Max body for fixed underrun bar			4900	5000	5100	5200	5300	5400
	Lifting capacity	T		20	20	20	20	20	20
	Tipping angle	°		56	56	56	56	59	59
	Dist. hook to rear rollers	L1	mm	4400	4500	4600	4700	4800	4900
	Telescopic Jib stroke	L2	mm	930	1030	1130	1230	1030	1130
	installation height	H	mm	255	255	255	255	255	255
	Equipment net weight	Kg		2100	2110	2110	2110	2150	2170
	Operating pressure	MPa		27	27	27	27	29,5	29,5

S50	S51	S52	S53	S54	S55	S56	S57	S58	S59	S60
4000 6100	4000 6200	4300 6300	4300 6400	4300 6500	4500 6600	4500 6800	4500 6900	4700 7000	4700 7100	4700 7200
5500	5600	5700	5800	5900	6000	6100	6200	6300	6400	6500
20	20	20	20	20	20	20	20	20	20	20
59	59	58	58	58	58	58	58	58	58	58
5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000
1230	1330	1130	1230	1330	1230	1330	1430	1330	1430	1530
255	255	255	255	255	255	255	255	255	255	255
2170	2170	2290	2300	2300	2310	2320	2330	2340	2350	2350
29,5	29,5	29,5	29,5	29,5	31	31	31	33	33	33

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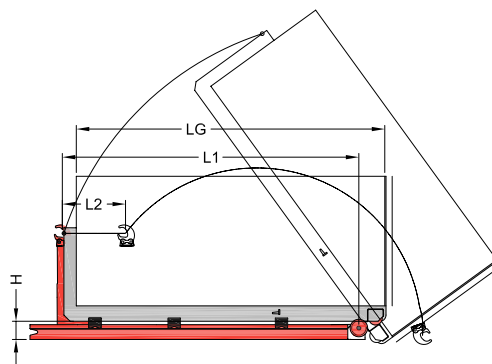
## Key points

- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Pin mounted hook, easy to replace
- Pre-drilled subframe
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders for end of stroke damping












# AMPLIROLL AL22



## Truck GVW from 26 to 32T

	Container length : min. max.	LG	mm	3700 5500	3700 5600	3700 5700	3700 5800	4000 5900	4000 6000
	Max body for fixed underrun bar			4900	5000	5100	5200	5300	5400
	Lifting capacity	T		22	22	22	22	22	22
	Tipping angle	°		56	56	56	56	59	59
	Dist. hook to rear rollers	L1	mm	4400	4500	4600	4700	4800	4900
	Telescopic Jib stroke	L2	mm	930	1030	1130	1230	1030	1130
	installation height	H	mm	255	255	255	255	255	255
	Equipment net weight	Kg		2100	2110	2110	2110	2150	2170
	Operating pressure	MPa		30	30	30	30	32,5	32,5

S50	S51	S52	S53	S54	S55	S56	S57	S58	S59	S60
4000 6100	4000 6200	4300 6300	4300 6400	4300 6500	4500 6600	4500 6800	4500 6900	4700 7000	4700 7100	4700 7200
5500	5600	5700	5800	5900	6000	6100	6200	6300	6400	6500
22	22	22	22	22	22	22	22	22	22	22
59	59	58	58	58	58	58	58	58	58	58
5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000
1230	1330	1130	1230	1330	1230	1330	1430	1330	1430	1530
255	255	255	255	255	255	255	255	255	255	255
2170	2170	2290	2300	2300	2310	2320	2330	2340	2350	2350
32,5	32,5	32,5	32,5	32,5	34	35	35	35	35	35

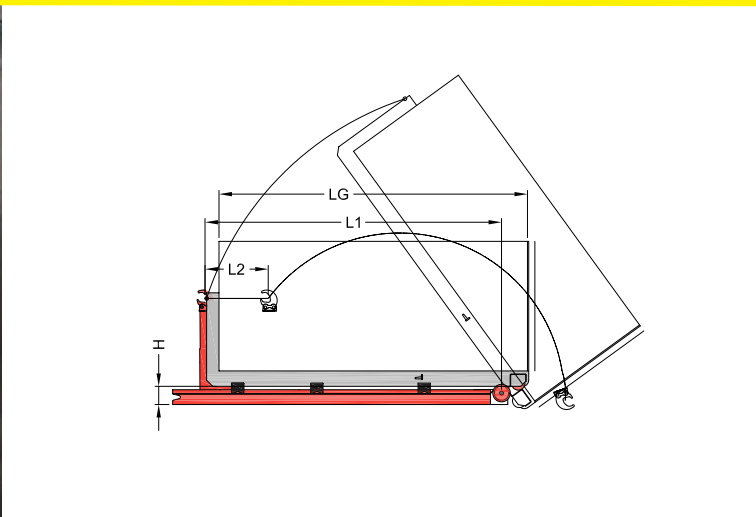
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
## Key points

- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Pin mounted hook, easy to replace
- Pre-drilled subframe
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders for end of stroke damping



# AMPLIROLL AL26



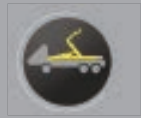
Truck GVW from 26 to 32T				A55	A57	A58	A59	A61	A62
	Container length : min. max.	LG	mm	4600 6800	4600 7000	4900 7100	4900 7200	5000 7400	5000 7500
	Max body for fixed underrun bar			6000	6200	6300	6400	6600	6700
	Lifting capacity		T	26	26	26	26	26	26
	Tipping angle		°	47	47	47	47	47	47
	Dist. hook to rear rollers	L1	mm	5500	5700	5800	5900	6100	6200
	Telescopic Jib stroke	L2	mm	1225	1425	1225	1325	1425	1525
	Installation height	H	mm	270	270	270	270	270	270
	Equipment net weight		Kg	2750	2790	2830	2870	2890	2910
	Operating pressure		MPa	33	33	33	33	33	33

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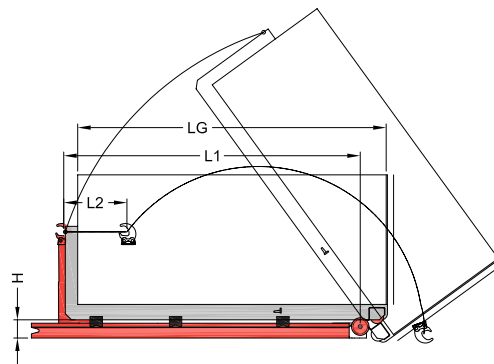


## Key points

- Innovative concept with tilting frame that is locked on the sub-frame in loading phase
- Rear hydraulic body locking
- Fast speed valve integrated as standard
- Integrated dashpot in main cylinders for end of stroke damping
- Pin mounted hook, easy to replace
- Pre-drilled subframe
- Pneumatic controls in cab
- Lifting capacity of 26T from ground level
- Designed for harsh work



# AMPLIROLL AL28



## Truck GVW from 26 to 32T

				A56	A58
	Container length : min.	LG	mm	4700	4900
	max.			6900	7100
	Max body for fixed underrun bar			6100	6300
	Lifting capacity		T	28	28
	Tipping angle		°	58	58
	Dist. hook to rear rollers	L1	mm	5600	5800
	Telescopic Jib stroke	L2	mm	1225	1225
	Installation height	H	mm	370	370
	Equipment net weight		Kg	3130	3230
	Operating pressure		MPa	35	35

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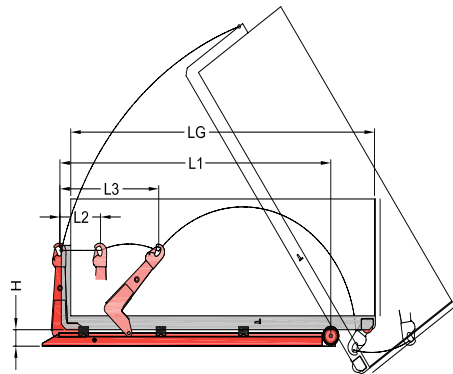











## Key points

- Rear hydraulic body locking
- Automatic mechanical lock to secure main arm and tilting frame in tipping mode
- Pneumatic controls in cab
- Strong and reliable, designed for harsh work
- Free tilting frame that acts as a power multiplier
- Solid steel hook welded
- Lifting capacity of 28T from ground level



# AMPLIROLL AL14 PA



Truck GVW from 15 to 19T				S44	S45	S46	S47	S48	S49
	Container length : min. max.	LG	mm	3400 5500	3100 5600	3400 5700	3400 5800	3400 5900	3400 6000
	Max body for fixed underrun bar			4900	5000	5100	5200	5300	5400
	Lifting capacity	T		14	14	14	14	14	14
	Tipping angle	°		58	52	58	58	58	58
	Dist. hook to rear rollers	L1	mm	4400	4500	4600	4700	4800	4900
	Telescopic Jib stroke	L2	mm	100	500	300	400	500	600
	Telescopic & articulated total jib stroke	L3		1230	1630	1430	1530	1630	1730
	installation height	H	mm	255	255	255	255	255	255
	Equipment net weight	Kg		1900	1900	1925	1925	1950	1975
	Operating pressure	MPa		29,5	27	29,5	29,5	29,5	29,5

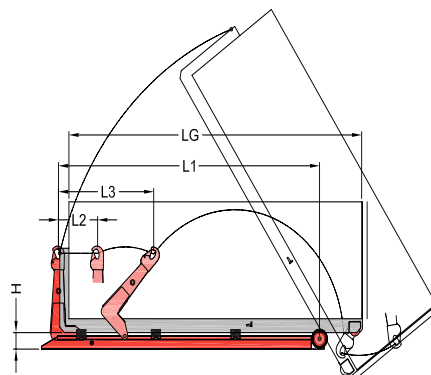
S50	S51	S52	S53	S54	S55	S56	S57	S58
3500 6100	3700 6200	3700 6300	3800 6400	4000 6500	4000 6700	4000 6800	4000 6900	4000 7000
5500	5600	5700	5800	5900	6000	6100	6200	6300
14	14	14	14	14	14	14	14	14
58	58	58	58	58	58	58	58	58
5000	5100	5200	5300	5400	5500	5600	5700	5800
600	500	600	600	500	600	700	800	900
1730	1630	1730	1730	1630	1730	1830	1930	2030
255	255	255	255	255	255	255	255	255
1975	1975	2115	2135	2175	2245	2245	2250	2255
31	30	30	30	32	32	32	32	32

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## Key points

- Versatile equipment that can lift different kind of bodies
- Optimized loading angle
- Operation under low roof height
- Rear hydraulic body locking
- Casting hook with pneumatic safety latch
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders
- Pre-drilled subframe



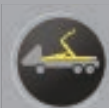


S49	S50	S51	S52	S53	S54	S55	S56	S57	S58
3400 6000	3500 6100	3700 6200	3700 6300	3800 6400	4000 6500	4000 6700	4000 6800	4000 6900	4000 7000
5400	5500	5600	5700	5800	5900	6000	6100	6200	6300
16	16	16	16	16	16	16	16	16	16
58	58	58	58	58	58	58	58	58	58
4900	5000	5100	5200	5300	5400	5500	5600	5700	5800
600	600	500	600	600	500	600	700	800	900
1730	1730	1630	1730	1730	1630	1730	1830	1930	2030
255	255	255	255	255	255	255	255	255	255
1975	1975	1975	2115	2135	2175	2245	2245	2250	2255
33	33	33	33	33	35	35	35	35	35

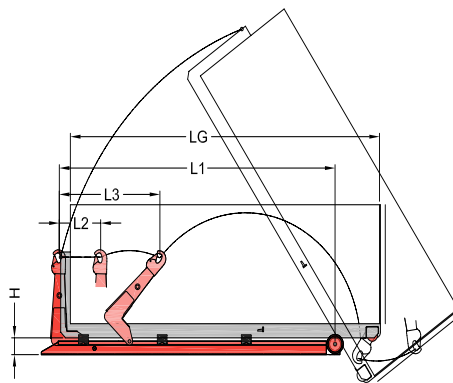
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## Key points

- Versatile equipment that can lift different kind of bodies
- Free tilting frame that acts as a power multiplier
- Optimized loading angle
- Integrated dashpot in main cylinders
- Operation under low roof height
- Pre-drilled subframe
- Rear hydraulic body locking
- Casting hook with pneumatic safety latch



# AMPLIROLL AL18 PA



Truck GVW 26T			S44	S45	S46	S47	S48
	Container length : min. max.	LG mm	3400 5500	3100 5600	3400 5700	3400 5800	3400 5900
	Max body for fixed underrun bar		4900	5000	5100	5200	5300
	Lifting capacity	T	18	18	18	18	18
	Tipping angle	°	58	52	58	58	58
	Dist. hook to rear rollers	L1 mm	4400	4500	4600	4700	4800
	Telescopic Jib stroke	L2 mm	100	500	300	400	500
	Telescopic & articulated total jib stroke	L3 mm	1230	1630	1430	1530	1630
	installation height	H mm	255	255	255	255	255
	Equipment net weight	Kg	2100	1720	2105	2105	2110
	Operating pressure	MPa	33,5	31	34	34	34

S49	S50	S51	S52	S53	S54	S55	S56	S57	S58
3400 6000	3500 6100	3700 6200	3700 6300	3800 6400	4000 6500	4000 6700	4000 6800	4000 6900	4000 7000
5400	5500	5600	5700	5800	5900	6000	6100	6200	6300
18	18	18	18	18	18	18	18	18	18
58	58	58	58	58	58	58	58	58	58
4900	5000	5100	5200	5300	5400	5500	5600	5700	5800
600	600	500	600	600	500	600	700	800	900
1730	1730	1630	1730	1730	1630	1730	1830	1930	2030
255	255	255	255	255	255	255	255	255	255
2130	2135	2270	2270	2275	2290	2285	2285	2290	2300
34	34	34	34	34	35	35	35	35	35

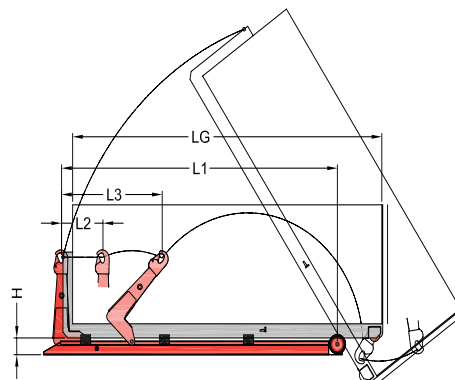
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## Key points










- Versatile equipment that can lift different kind of bodies
- Optimized loading angle
- Operation under low roof height
- Rear hydraulic body locking
- Casting hook with pneumatic safety latch
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders
- Pre-drilled subframe



# AMPLIROLL AL20 PA



## Truck GVW from 26 to 32T

	Container length : min. max.		LG	mm	S48	S49	S50	S51
	Max body for fixed underrun bar				3500 5900	3500 6000	3500 6100	3500 6200
					5300	5400	5500	5600
	Lifting capacity			T	20	20	20	20
	Tipping angle			°	59	59	59	59
	Dist. hook to rear rollers		L1	mm	4800	4900	5000	5100
	Telescopic Jib stroke		L2	mm	400	500	600	700
	Telescopic & articulated total jib stroke		L3	mm	1570	1670	1770	1870
	installation height		H	mm	255	255	255	255
	Equipment net weight			Kg	2330	2335	2335	2340
	Operating pressure			MPa	29,5	29,5	29,5	29,5

S52	S53	S54	S55	S56	S57	S58	S59	S60
3800 6300	3800 6400	3800 6500	4000 6600	4000 6800	4000 6900	4200 7000	4200 7100	4200 7200
5700	5800	5900	6000	6100	6200	6300	6400	6500
20	20	20	20	20	20	20	20	20
58	58	58	58	58	58	58	58	58
5200	5300	5400	5500	5600	5700	5800	5900	6000
500	600	700	600	700	800	700	800	900
1670	1770	1870	1770	1870	1970	1870	1970	2070
255	255	255	255	255	255	255	255	255
2460	2460	2465	2485	2510	2515	2515	2520	2535
29,5	29,5	29,5	31	31	31	33	33	33

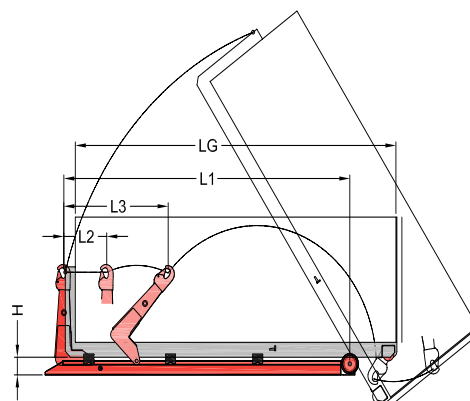
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## Key points










- Versatile equipment that can lift different kind of bodies
- Optimized loading angle
- Operation under low roof height
- Rear hydraulic body locking
- Casting hook with pneumatic safety latch
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders
- Pre-drilled subframe



# AMPLIROLL AL22 PA



## Truck GVW from 26 to 32T

	Container length : min. max.	LG	mm	3500 5900	3500 6000	3500 6100	3500 6200
	Max body for fixed underun bar			5300	5400	5500	5600
	Lifting capacity	T		22	22	22	22
	Tipping angle	°		59	59	59	59
	Dist. hook to rear rollers	L1	mm	4800	4900	5000	5100
	Telescopic Jib stroke	L2	mm	400	500	600	700
	Telescopic & articulated total jib stroke	L3	mm	1570	1670	1770	1870
	installation height	H	mm	255	255	255	255
	Equipment net weight	Kg		2330	2335	2335	2340
	Operating pressure	MPa		32,5	32,5	32,5	32,5

S52	S53	S54	S55	S56	S57	S58	S59	S60
3800 6300	3800 6400	3800 6500	4000 6600	4000 6800	4000 6900	4200 7000	4200 7100	4200 7200
5700	5800	5900	6000	6100	6200	6300	6400	6500
22	22	22	22	22	22	22	22	22
58	58	58	58	58	58	58	58	58
5200	5300	5400	5500	5600	5700	5800	5900	6000
500	600	700	600	700	800	700	800	900
1670	1770	1870	1770	1870	1970	1870	1970	2070
255	255	255	255	255	255	255	255	255
2460	2460	2465	2485	2510	2515	2515	2520	2535
32,5	32,5	32,5	34	35	35	35	35	35

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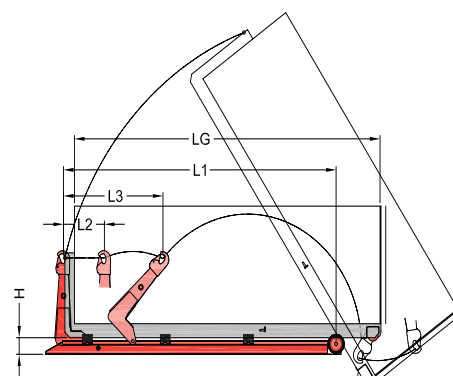
## Key points

- Versatile equipment that can lift different kind of bodies
- Optimized loading angle
- Operation under low roof height
- Rear hydraulic body locking
- Casting hook with pneumatic safety latch
- Free tilting frame that acts as a power multiplier
- Integrated dashpot in main cylinders
- Pre-drilled subframe





# AMPLIROLL AL26 PA



Truck GVW from 26 to 32T				A55	A57	A58	A59	A61	A62
	Container length : min. max.	LG	mm	3900 6900	3900 7100	4200 7200	4200 7300	4300 7500	4300 7600
	Max body for fixed underrun bar			6000	6200	6300	6400	6600	6700
	Lifting capacity	T		26	26	26	26	26	26
	Tipping angle	°		47	47	47	47	47	47
	Dist. hook to rear rollers	L1	mm	5510	5710	5810	5910	6110	6210
	Telescopic Jib stroke	L2	mm	720	920	720	780	880	980
	Telescopic & articulated total jib stroke	L3	mm	1820	2020	1820	1885	1985	2085
	installation height	H	mm	275	275	275	275	275	275
	Equipment net weight	Kg		2975	3015	3055	3095	3115	3135
	Operating pressure	MPa		34	34	34	34	34	34

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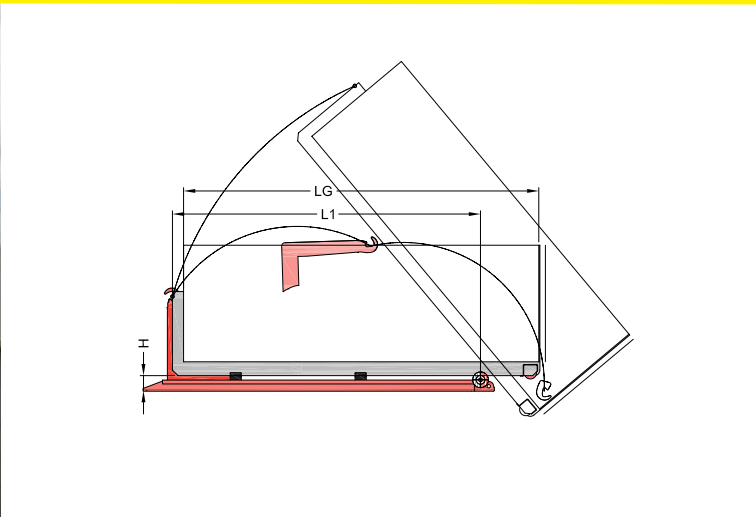









## Key points

- Versatile equipment that can lift different kind of bodies
- Lifting capacity of 26T right from ground
- Fast speed valve integrated as standard & integrated dashpot in main cylinders
- Optimized loading angle
- Operation under low roof height
- Rear hydraulic body locking
- Casting hook with pneumatic safety latch
- Pre-drilled subframe



# AMPLIROLL ALBA 20



Truck GVW 26T				A50	A53	A56
	Container length : min. max.	LG	mm	5200 6200	5500 6600	5800 6900
	Max body for fixed underrun bar			5400	5700	6000
	Lifting capacity	T		20	20	20
	Tipping angle	°		47	47	50
	Dist. hook to rear rollers	L1	mm	4950	5250	5550
	installation height	H	mm	280	280	280
	Equipment net weight	Kg		2330	2400	2500
	Operating pressure	MPa		28	30	32

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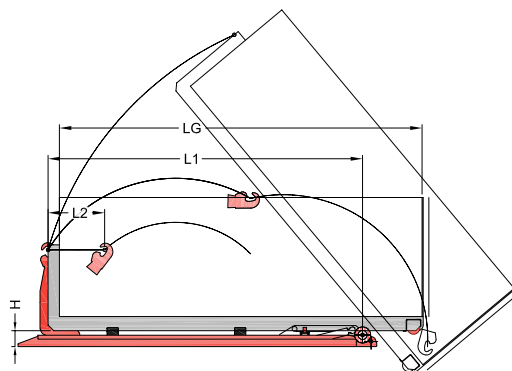


## Key points

- Optimize and reduce the loading angle
- Rear hydraulic body locking
- Locked tilting frame in loading configuration
- Loading below ground level and real lifting capacity
- Solid steel hook (without safety latch)
- Clear view to engage the hook to the body
- Perfect ratio weight / power
- Pre-drilled subframe



# AMPLIROLL ALBA20 PA



Truck GVW 26T				A50	A53	A56
	Container length : min. max.	LG	mm	4500 6200	4800 6600	5100 6900
	Max body for fixed underrun bar			5400	5700	6000
	Lifting capacity	T		20	20	20
	Tipping angle	°		47	47	50
	Dist. hook to rear rollers	L1	mm	4950	5250	5550
	Telescopic jib stroke	L2	mm	650	650	650
	Installation height	H	mm	280	280	280
	Equipment net weight	Kg		2520	2570	2670
	Operating pressure	MPa		22	30	32

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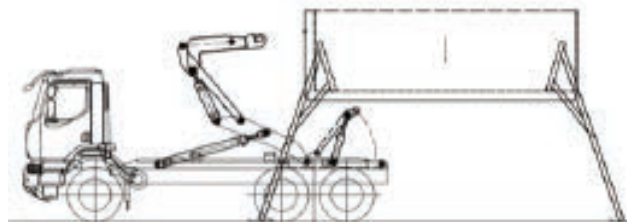
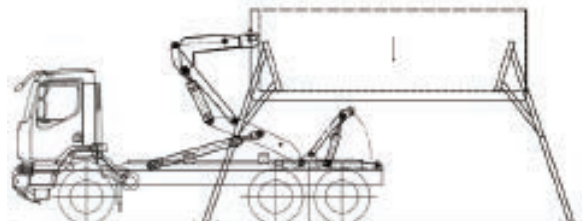
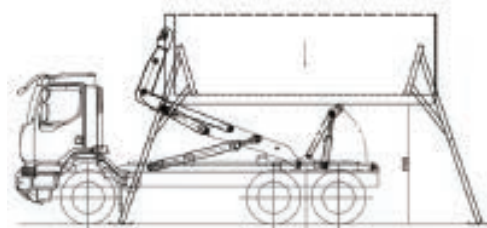
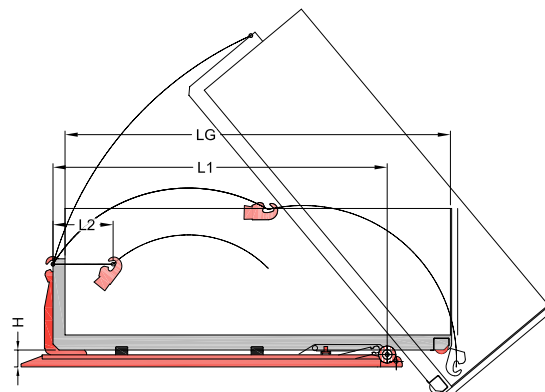
## Key points

- Tilting hook arm that optimizes the loading angle and can handle more bodies
- Rear hydraulic body locking
- Locked tilting frame in loading configuration
- Loading below ground level and real lifting capacity
- Solid steel hook (with pneumatic safety latch)
- Perfect ratio weight / power
- Pre-drilled subframe










# AMPLIROLL ALBA20 PA

with rear elevator



## Truck GVW 26T

Truck GVW 26T				A50	A53	A56
	Container length : min. max.	LG	mm	4500 6200	4800 6600	5100 6900
	Max body for fixed underrun bar			5400	5700	6000
	Lifting capacity	T		20	20	20
	Tipping angle	°		47	47	50
	Dist. hook to rear rollers	L1	mm	4950	5250	5550
	Telescopic Jib stroke	L2	mm	650	650	650
	installation height	H	mm	280	280	280
	Equipment net weight	Kg		2780	2830	2930
	Operating pressure	MPa		22	30	32

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## Key points

- Rear elevator to position body on 4 telescopic supports (special for agriculture fertilizer spreading)
- Mobile controls suited for outside operation
- Simple body transfer onto trailer
- Solid steel hook (with pneumatic safety latch)
- Clear view to engage / disengage the hook to the body (even in elevated position)
- Perfect ratio weight / power
- Pre-drilled subframe



# AMPLIROLL MAIN OPTIONS



Rubber pusher on Jib

AL14 to AL22



Removable casting hook - no safety latch

AL12 to AL22



Longitudinal body retaining stop - AFNOR  
Longitudinal DIN body lock

AL8 to AL22

AL14 PA to AL22 PA



Removable steel hook - no safety latch

AL12 to AL26



Fast speed valve

AL14 to AL26

AL14 PA to AL26 PA



Removable steel hook - with safety latch

AL4 to AL26



Front hydraulic locking

AL8 to AL26

AL14 PA to AL22 PA



Welded casting hook with pneumatic safety latch

AL8 to AL26

AL14 PA to AL26 PA



Rear hydraulic locking  
External



Manuel adjustable  
hook height

AL14 à AL22



Rear hydraulic locking  
Internal



Boltable Twistlock  
additional locking

AL8 to AL22

AL14 PA to AL22 PA



# AMPLIROLL MAIN OPTIONS



Pneumatic cab controls

AL14 to AL28

AL14 PA to AL26 PA



Tubing for rear accessories  
Under run, axle blocking or  
stabilizer roller

AL14 to AL22

AL14 PA to AL22 PA



Electro-pneumatic cab  
controls

AL14 to AL26

AL14 PA to AL26 PA



Hydraulic lines  
to the front

AL14 to AL22

AL14 PA to AL22 PA



Tipping angle  
limitation



Hydraulic lines to the rear  
two way acting

AL14 à AL22

AL14 PA à AL22 PA



Axle blocking device  
bolt-on concept

AL14 to AL22

AL14 PA to AL22 PA



Hydraulic lines  
for double circuit

AL14 à AL22

AL14 PA à AL22 PA



Rear stabilizer roller

AL14 to AL22

AL14 PA to AL22 PA



Manual control levers

AL14 à AL22

AL14 PA à AL22 PA



Rear stabilizer roller  
vertical



Oil tank

AL14 à AL22

AL14 PA à AL22 PA



# AMPLIROLL MAIN OPTIONS



Universal attachment brackets

AL14 to AL22  
AL14 PA to AL22 PA



Fire extinguisher box

AL14 to AL22  
AL14 PA to AL22 PA



Tool holder



Tool box

AL14 to AL22  
AL14 PA to AL22 PA



Side protection - fixed

AL14 to AL22  
AL14 PA to AL22 PA



Manual bumper  
suited for all GVW



Side protection - foldable

AL14 to AL22  
AL14 PA to AL22 PA

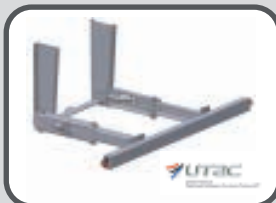


Manual telescopic bumper  
suited for truck  
GVW <= 10T

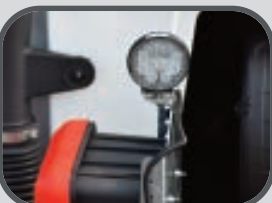


Expandable tarpaulin carrier

AL14 to AL22  
AL14 PA to AL22 PA



Panto hydraulic bumper  
suited for  
GVW >= 8T available in 3  
strokes



Working light



Hydraulic foldable bumper  
suited for  
GVW >= 8T







# SKIPLOADER MB14



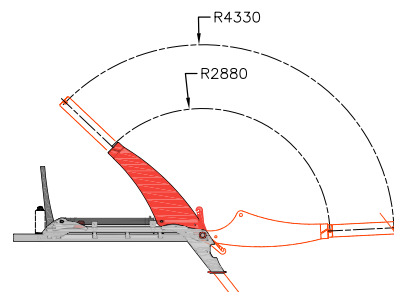
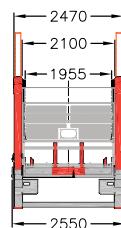
		Fixed	Telescopic	Fixed + upper cross	Tel + upper cross
Technical specifications		MB 14F	MB 14T	MB 14 FES	MB 14 TES
Lifting capacity : Body taken from ground level					
Depending of radius	2880 mm	14000 Kg	14000 Kg	14000 Kg	14000 Kg
	3100 mm 3300 mm	12700 Kg 11700 Kg		12700 Kg 11700 Kg	
	4330 mm		10000 Kg		10000 Kg
Lifting capacity : Below ground level - 0.8 m					
Depending of radius	2880 mm	10000 Kg	10000 Kg	10000 Kg	10000 Kg
	3100 mm 3300 mm	8400 Kg 8000 Kg		8400 Kg 8000 Kg	
	4330 mm		7500 Kg		7500 Kg
Weight of the units ( steel platform )		3000 Kg	3250 Kg	3050 Kg	3340 Kg
Body width: ( adjustable wedgings) Body length and width must be confirmed		1610 / 1850 mm			
Recommended pump : type		M1 60			
Operating pressure		300 bars			
Oiltank capacity		45 L			
Operating time: Oil flow of 72 l/min					
Loading and unloading main arms :		41 - 30 sec	41 - 30 sec	41 - 30 sec	41 - 30 sec
Extension – retraction telescope :			8-4 sec		8-4 sec
Extension – retraction rear stabilizers :		5-4 sec	5-4 sec	5-4 sec	5-4 sec

Indicated figures in this document are for information only and can be changed without any prior notice.



## Key points

- Different kind of bodies can be loaded
- Long main arms and increased telescope stroke
- Body-platform modular concept suited to large truck configuration
- No crossmember for taking stackable boxes
- Rear tipping hook with automatic safety latch
- Rear stabilizer with independant controls
- Pneumatic control (or radio remote control in option)





# SKIPLOADER MB18000

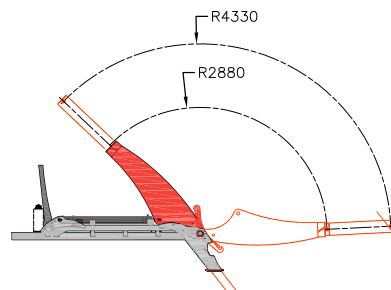
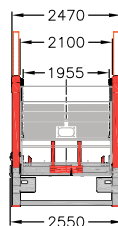


		Fixe + upper cross	Télescope
Technical specifications		18000 XL XLAE	18000 XLT
Lifting capacity : Body taken from ground level			
Depending of radius	2600 mm	18000 Kg	18000 Kg
	3100 mm	18000 Kg	18000 Kg
	3200 mm		15700 Kg
	3825 mm		13000 Kg
Lifting capacity : Below ground level - 0.8 m			
Depending of radius	2600 mm	13600 Kg	13600 Kg
	3100 mm	12800 Kg	12800 Kg
	3200 mm		11300 Kg
	3825 mm		9000 Kg
Weight of the units ( steel platform )		3100 Kg	3450 Kg
Body width: ( adjustable wedgings) Body length and width must be confirmed		2030 mm	
Recommended pump : type		M1 60	
Operating pressure		300 bars	
Oiltank capacity		45 L	
Operating time: Oil flow of 72 l/min			
Loading and unloading main arms :		32 - 25 sec	32 - 25 sec
Extension – retraction telescope :			8 - 5 sec
Extension – retraction rear stabilizers :		5 - 4 sec	5 - 4 sec

Indicated figures in this document are for information only and can be changed without any prior notice.

## Key points

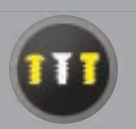
- Hexagonal main arms and telescope for heavy work
- Body-platform modular concept suited to many truck configuration
- Rear tipping hook with automatic safety latch
- Rear stabilizer with independant controls
- Pneumatic control (or radio remote control in option)





MAIN OPTIONS	MB 14F	MB 14T	MB 14 FES	MB 14 TES	MB 18000 XL	MB 18000 XLAE	MB 18000 XLT	MB 18000 XLT + Traverse
WITH TELESCOPIC ARM	-	✓	-	✓	-	-	✓	✓
WITH UPPER TRAVERSE	-	-	✓	✓	-	✓	-	✓
<b>PUMP size</b>								
61 cm³	o	o	o	o	o	o	o	o
80 cm³	✓	✓	✓	✓	✓	✓	✓	✓
<b>OIL TANK</b>								
45 L	✓	✓	✓	✓	✓	✓	✓	✓
72 L	o	o	o	o	o	o	o	o
<b>SPECIFICATIONS &amp; OPTIONS</b>								
PNEUMATIC CONTROLS	✓	✓	✓	✓	✓	✓	✓	✓
ELECTRO- PNEUMATIC CONTROLS	o	o	o	o	o	o	o	o
RADIO REMOTE CONTROLS	o	o	o	o	o	o	o	o
PNEUMATIC CONTROLS INSIDE & OUTSIDE	o	o	o	o	o	o	o	o
MANUAL CONTROLS OUTSIDE ( no combination )	o	o	o	o	-	-	-	-
INDEPENDENT CONTROLS OF THE TELESCOPE	-	o	-	o	-	-	o	o
CERTIFIED UNDER RIDE BUMPER	✓	✓	✓	✓	o	o	o	o
SIDE HYDRAULIC BODY LOCKING DEVICE	o	o	o	o	-	-	-	-
FRONT CABIN PROTECTION WITH UPPER DEFLECTOR	o	o	o	o	o	o	o	o
FAST SPEED OPERATION WITH EMPTY BODY	o	o	o	o	o	o	o	o
HOOK TO ADJUST CHAIN LENGTH	o	o	o	o	o	o	o	o
STABILIZER EXTENDED LENGTH	o	o	o	o	o	o	o	o
STABILIZER WITH ARTICULATED SADDLE	o	o	o	o	o	o	o	o
STABILIZER WITH ROLLER	o	o	o	o	o	o	o	o
SKIPLOADER ON REMOVABLE BODY SKID	o	o	o	o	o	o	o	o
ADDITIONAL FRONT STORAGE BOXES	o	o	o	o	o	o	o	o
ADDITIONAL SIDE STORAGE BOXES	o	o	o	o	o	o	o	o
RAIL EXTENSION FOR FRONT WEDGING	o	o	o	o	o	o	o	o

✓ = Standard   o = Optional   - = Not available

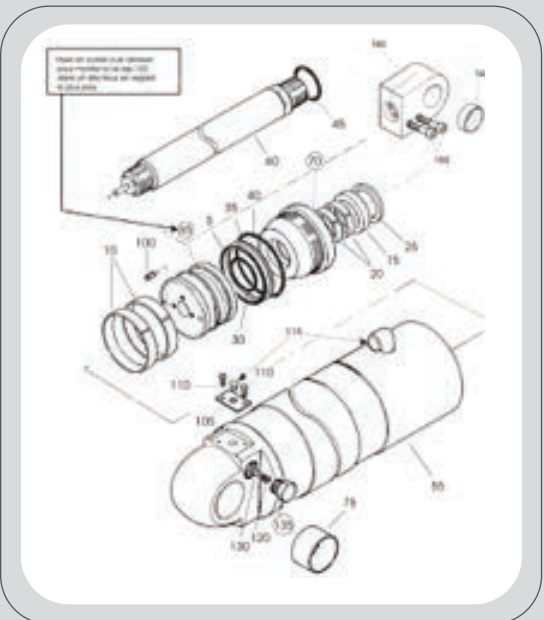


# SPARE PARTS



# PRE-STUDIES

## INNOVATING FOR ENHANCED PERFORMANCE



Marrel's spare part service is designed to provide a fast and effective response.

Any order for parts in stock placed before 16:00 can be shipped the same day from our central spare parts service.

In addition, because you can expect long service life from Marrel products, we do our best endeavours to supply spare parts for equipments which can be more than 20-year old.

The list of spare parts, indicating pricing and availability, is available on the Marrel website and can be accessed via the service points, distributors or dealers links.

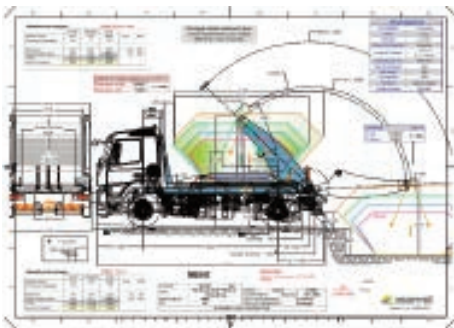
Marrel wants to assist its dealers and customers, therefore the design department has developed a software which meets the specific and dedicated needs of each of them. This technical pre-study software was developed by Marrel for all types of chassis whether using Ampliroll® hooklift, Skiploaders, load handling cranes, foldable and non-foldable cranes, flatbeds, etc.

This technical pre-study software takes into account the customers' needs and brings together all data in order to create an exhaustive pre-study drawing which presents our optimised and dedicated solutions.

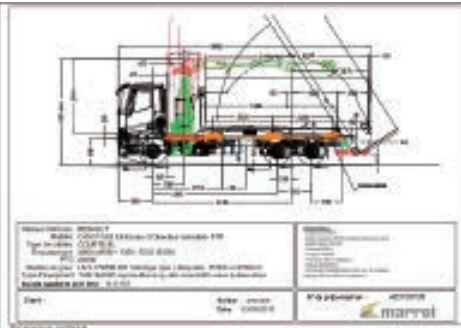
Thus, with this pre-study, a customer will be informed of the position of the hook at the rear for engaging it to the lifting ring, the setting of final operating pressure, and this with consideration of several specifications of the truck like position of the exhaust pipe, height of the truck frame, special truck or road regulation for the maximal axle weights ...

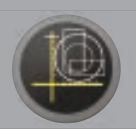
This technical recommendation software ensures that our customers receive solutions which are technically reliable.

## Ampliroll® Hooklift technical pre-study



## Skiploader technical pre-study





## MARREL' TECH

To effectively respond to legislation and constantly evolving technology, we give advice that will be refreshed in real time.

Our organization, oriented on quality services, leads us to provide our distribution network adequate and accessible data that is directly applicable..

Complementary to high comprehensive documentation, Marrel has developed a number of useful tools: stability calculation, Info Tech, bulletins for products Information, recommended pre -studies ...

Marrel ' Tech is a service dedicated to the Marrel distribution network; we do to provide the best support to our customers and partners.



## COMMISSIONING OF EQUIPMENT

Innovation at the service of performance

The software for commissioning of equipment is a service dedicated to the distribution network. It allows editing warranty certificate for installed Marrel equipment, with the purpose to provide the best support to our customers and partners.

Thus, customers will be able to know the date when the equipment was put into service, and the duration of its warranty period. It also ensures traceability of parts composing the equipment.

