



## AMPLIROLL AL 10 - Telescopic hoist

AMPLIROLLS



<b>Range AL10</b>		<b>THM10 - 8 MODEL</b>							
<b>Technical data</b>		<b>A34</b>	<b>A35</b>	<b>A36</b>	<b>A37</b>	<b>A38</b>	<b>A39</b>	<b>A40</b>	<b>A41</b>
Container length ( mini / maxi )	mm	3500 4000	3500 4200	3500 4400	3500 4600	3500 4800	3700 5000	3700 5200	3700 5400
Loading angle (maxi) *	°	33	31	29	27	26	27	26	25
Tipping angle	°	54	54	54	54	54	54	54	54
Equipment net weight	Pd Kg	1020	1020	1020	1020	1050	1100	1100	1100
Nominal body length	LG mm	4000	4200	4400	4600	4800	5000	5200	5400
Hook lift length	LT mm	3583	3683	3783	3883	3983	4083	4183	4283
Dist. hook to rear rollers	L1 mm	3438	3538	3638	3738	3838	3938	4038	4138
Telescopic Jib stroke	L2 mm	530	630	730	830	930	830	930	1030
Installation height	H2 mm	165	165	165	165	165	165	165	165
Operational cycle time	l/min	50	50	50	50	50	50	50	50
* Loading	s	26	26	26	26	27	27	27	27
* Unloading	s	36	36	36	36	36	36	36	36

- With hook height of 1425 mm and chassis height of 1100 mm

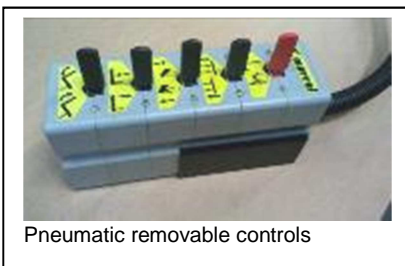
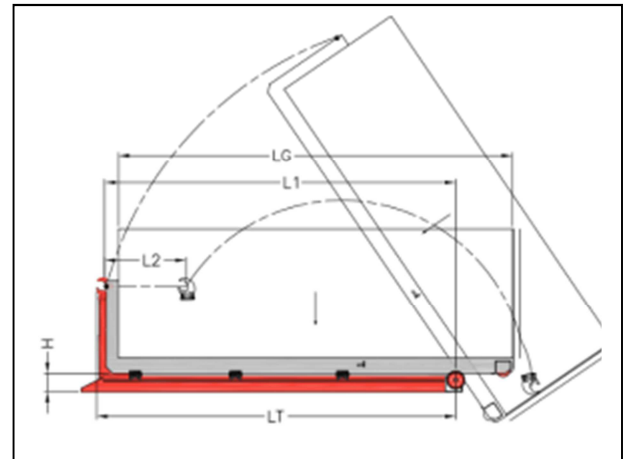
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# AMPLIROLL AL10 – Hoist with telescopic jib



## The Key points of the telescopic hook lift

- ❖ Kinematics that assures a better load distribution
- ❖ The translation of the hook enables to recover containers of different lengths and to reduce the rear overhang
- ❖ Automatic mechanical locks to secure main arm and tilting frame in tipping mode
- ❖ Free tilting frame that acts as a power multiplier
- ❖ A hydraulic rear side locking.
- ❖ A hook with large opening and no safety latch.



Pneumatic removable controls



Rear underside bumper PANTO



Hydraulic double hook height  
From 920/ 1425 mm

### Mechanical structure :

- Steel with high tensile strength
- Casting parts used for critical functions
- A perfect mastery of the Jib translation, without gliding pads.
- Welding by robot welders and machining of the articulations.
- Modular assembling concept for a large equipment range

### Hydraulics :

- Hydraulic cylinders manufactured by Marrel
- Safety device to prevent miss-use of the equipment.
- Pneumatic remote controls from the cabin.

### Safety and container locking

- Rear hydraulic body locking ( outside or inside)
- In operation outside warning buzzer
- Warning light for rear stabilizer roller

### Main options :

- Rear stabilizer roller with independent controls
- Front hydraulic locking device
- AFNOR positive locking pockets
- Additional hydraulic valves, e.g., for rear under ride bumpers ; selection valve (crane, trailer equipped with hydraulic system, etc. )
- Different hook height - local standard
- Hydraulic double hook height adjustment 920 – 1425 mm.
- Hook with safety lock mechanical or pneumatic
- Rear under ride bumper

User's friendly– Power safe – Insured Resale - Long lifetime  
Reduced maintenance cost - Many options available



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