



## Ampliroll® AL12

## Key points



**Innovative concept with tilting frame that is locked on the sub-frame in loading phase**

**Self-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**

## Marrel Telescopic range

| Truck GVW from 15 to 19T |                                |  |       | A37  | A38  | A39  | A40  | A41  | A42  | A43  | A44  | A45  | A46  |
|--------------------------|--------------------------------|--|-------|------|------|------|------|------|------|------|------|------|------|
|                          | Container length : min max     |  | LG mm | 3500 | 3500 | 3500 | 3700 | 3700 | 3700 | 3900 | 3900 | 3900 | 3900 |
|                          |                                |  |       | 4800 | 4900 | 5100 | 5200 | 5300 | 5400 | 5500 | 5600 | 5700 | 5800 |
|                          | Container with fixed underride |  |       | 4100 | 4200 | 4300 | 4400 | 4500 | 4600 | 4700 | 4800 | 4900 | 5000 |
|                          |                                |  |       |      |      |      |      |      |      |      |      |      |      |
|                          | Own weight                     |  | Kg    | 1200 | 1200 | 1200 | 1220 | 1220 | 1220 | 1250 | 1250 | 1250 | 1250 |

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

## Standard configuration

### Hooklift : Ampliroll with telescopic arm

- Lifting capacity 12 tons
- Body length mini and maxi are determined by the pre-study
- Hook height: 1425 mm
- Lifting hook is removable, mounted with two pins
- Hydraulic container locking system (external locking)
- Side rollers standard flange suited for 1060 mm rails width
- Pneumatic On / Off controls in cab
- Directional valve with pneumatic controls
- Rear roller mounted on tipping axis
- Safety functions :
  - Telescopic jib cannot be operated with closed rear hyd locking and with hook lift in tipping position
- Hydraulic, pneumatic and electrical functionalities are tested on each equipment
- Equipment is painted in dark primer

### Hydraulics

Hydraulic cylinders manufactured by Marrel  
 Check valve for main cylinder  
 Direction valve with pneumatic controls  
 Safety device to prevent miss-use of the equipment

### Mechanical structure

Steel with high tensile strength  
 Rear articulations strengthened for the high constraints  
 Welding by robot welders and machining of the articulations  
**Anti-corrosion treatment** : grinding of all mechanical welding components

### Safety and container locking

Rear hydraulic body locking (outside and inside)  
 In operation outside warning buzzer  
 Longitudinal stop on hook arm

## Options and Accessories

- Hook with mechanical or pneumatic safety latch
- Hydraulic or mechanical front body locking
- Rear roller with large flanges
- Rear stabilizer roller

- Under run bumper telescopic PANTO or fixed
- Set of attachment brackets
- Fire extinguisher box
- Tool box



### Plant and head office

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