

A.C.R.

**KAAI 1333 Blikken
B 9130 BEVEREN**

N. 50 ROLLTRAILER

INSTRUCTION MANUAL

SERIAL NUMBER	SSSU 250001 – SSSU 250050
TYPE	20'
CUSTOMER	ATLANTICA SPA DI NAVIGAZIONE
PAYLOAD	50 t
TARE	3,9 t
YEAR OF CONSTRUCTION	2010

INDEX

1. GENERAL DESCRIPTION
2. MAIN COMMERCIAL COMPONENT LIST
3. GENERAL INSTRUCTIONS FOR USE AND WARNING INFORMATIONS
4. MAINTENANCE
5. USER – COMPETENT PERSON

1 – GENERAL DESCRIPTION

N. 50 ROLLTRAILERS 20' 50 tons having each one the following characteristics:

- Load capacity: 50 t uniformly distributed
- Loading deck measurement: Length 6070 mm, width 2540 mm
- Loading deck height: front 640 mm / rear 680 mm
- Loading deck in steel : thickness 5 mm + 2 mm streak
- Speed limit : 6 Km/H
- Gooseneck tunnel capacity : 17 tons
- Max capacity on wheels : 33 tons
- Number of wheels : 4 (22x16x16)
- Number of D-Rings : 12 (2+4+4+2)
- D-Rings Capacity : 36 tons each
- N. 4 Twist Lock for containers blocking transport
- Front space for mafi handling with gooseneck
- N. 2 safety hooks for coupling with gooseneck
- N. 2 opening, including tubular steel sections, for handling trailer elevator forks.

- N° 2 axles; on each axle are assembled n° 2 wheels
- Wheels hubs cover is foreseen in steel caps/cover powder
- Frame largely manufactured, with two beams (IPE 400)
- Painting upon sandblasting

2 - Main commercial components

COMPONENT	DESCRIPTION	Q.ty
Wheels	22x16x16	4
Engine wheels bearing	Conical rulls	8
axle	□ 140x140 C45	2

3 - USE AND WARNING INFORMATIONS

To handle mafis 20' 50 tons it is necessary operating as follows:

- To hitch, in safety, the engine goosneck to the tow drawbar.
- Lay down the goods carefully on loading platform, avoiding big shocks that could create additional stresses both to the frame and the mechanical groups of which the trailer is manufactured
- The maximum admitted load has to be intended as load uniformly distributed on the whole platform surface.
- The maximum admitted speed considered during the design of trailer is **6 Km/h** at maximum load, running on industrial pavement, well leveled and well compacted.
- Be sure about the braking capability of tractor; it must be adequate for the trailer needs at maximum load (dead load plus its load capacity)
- In the event the trailer has to be uncoupled from the tractor and parked on a slope road it is advisable to use some hood stop, to post before the separation from the tractor.
- Points that allow to unload the payload at ground are three: the two back hold and the middle of the motorized bearing

4 – MAINTENANCE

Due to the trailer concept design, scheduled replacement for worn-out parts, or extraordinary repair aren't needed.

In any case to assure a long working life and to maintain a good reliability of its performances it is advisable to carry out a routine maintenance consisting of visual checks and simple mechanical adjustment.

Every two months, make a global visual check of trailer, verify the condition of the front bay for the handling with goosneck.

Verify as well the correct tightening of axles, bearing and bushing and the status and the wear of rubber coat covering the wheels.

(It is necessary to execute this operation more frequently in case of large use of the trailer)

5 – USER / COMPETENT PERSON

USER

People that use the unit must be older than 18. These people will have to be charged from the Company to use it only after they have been trained by a Company responsible and read carefully this manual.

Rules between user and competent person have to be distinguished.

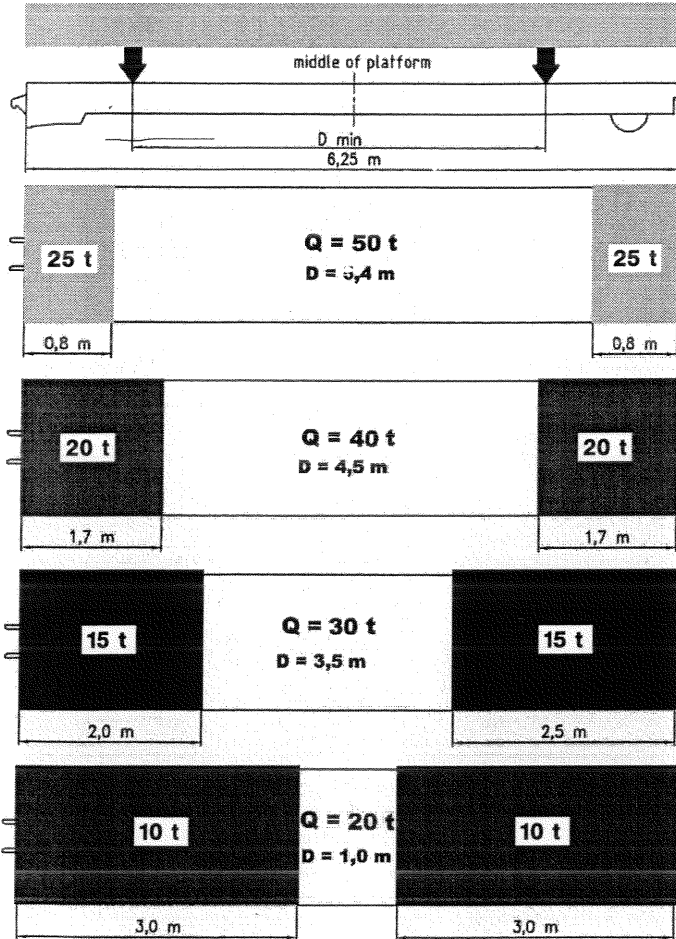
COMPETENT PERSON

Installation, maintenance, repairs and check must be done only by competent person.

European laws said: competent person is who has experience, know-how and culture in this subject and is able to manage the tools to permit to the machine to work.

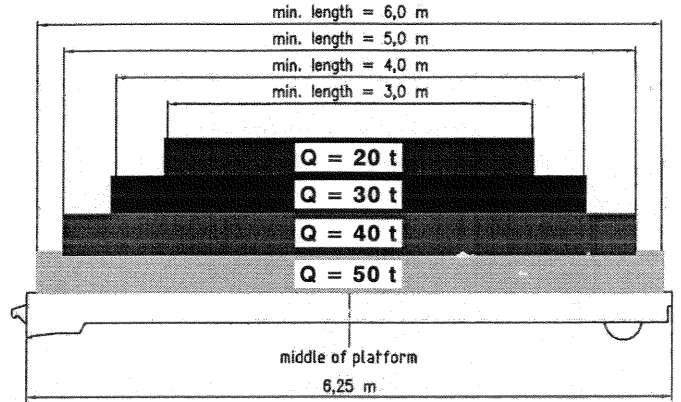
GRIMALDI - Rolltrailer 20' 50 tons - 2,5 m wide

Point loads must be put on the platform within the marked areas possibly at a distance greater than "D"



owners reg. nos. SSSU 250001/4 to SSSU 250050/2

Distributed loads



Load gravity center must be inside the respective marked areas

