



BA-030E
Fully Automatic
& Electric Frame



BA-030H
Semi Automatic
Frame



BA-030R
Mechanical Frame



BA-030M
Manual Frame

BA-030E

Fully Automatic & Electric Frame

SHALL WE TALK ABOUT **PRODUCTIVITY?**

- It is universal: COMPATIBLE WITH ANY TYPE OF SPREADER AND WITH ANY KIND OF CRANE / reach-stacker etc.
- This model does not require any modification / manipulation of the spreaders at the terminal.
- It can be positioned at any place at the terminal.
- Safe Working Load: 50 Tons.
- Free Height up to 3000mm.
- Telescopic 20-40ft / 20-40-45ft or Fixed.



SHALL WE TALK ABOUT **SECURITY?**

- TWO SECURITY SYSTEMS: MECHANIC AND ELECTRONIC.
- Equipped with light and sound signals which increase the safety of the operators.
- Sensors & other electronic components have IP67 protection.
- Complete Structure made of S355J2+N & Twistlocks in F-1252.
- 100% compliance (CE Marked)
- Own design and production.

SHALL WE TALK ABOUT **SAVINGS?**

- DOES NOT REQUIRE A PARKING STAND.
- Energetically independent thanks to the solar plates which charge the batteries, and to its very low level of battery consumption.
- Can be delivered demounted for an easier transport inside a 40ft Container.
- Painting scheme C5M or even galvanized (up to 220% duration increase)

SHALL WE TALK ABOUT **MAINTENANCE?**

- Equipped with a digital information screen through which INFORMATION ABOUT THE USAGE, BATTERY, and operating instructions, such as number of cycles, sensors status, working hours, can be consulted.
- Complete technical documentation, maintenance, use instructions and spare parts list.
- TEC CONTAINER can make training courses for crane drivers.
- Continuous TEC support .



BA-030H Semi Automatic Frame

This OHFrame is the ideal choice when a secure and efficient solution to a moderate oversized cargo traffic is required. It is the middle ground between the sophistication of the models FULLY AUTOMATIC and manual drive models.

The proper motion of lifting / lowering of the crane opens and closes the OHFrame twistlocks. Includes security probes preventing the false opening / closing of the twistlocks.

- Fixed 20ft / Fixed 40ft or Telescopic 20 to 40t & 45ft.
- Variable Free Height. From 2,0m to 3,0m (Standard Height = 2,7m)
- **It requires no modification / intervention on the spreaders at the terminal.**
- **UNIVERSAL:** it works with any type of spreader and on any type of machine.
- Does NOT require a parking stand so it can be parked anywhere in the terminal.
- Red / Green colored panels indicate the crane operator of the situation of the twistlocks.



BA-030M Manual Frame

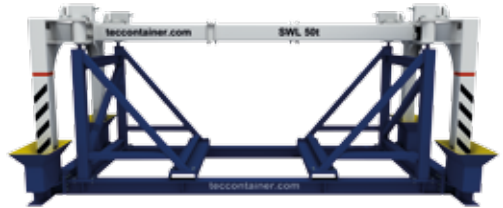
This OHFrame is the ideal choice when a secure and efficient solution to a sporadic oversized cargo traffic is required. It represents a huge advance over the traditional use of chains with hooks. The twistlocks are opened / closed using chains located at the short sides of the Frame.

- Fixed 20ft / Fixed 40ft or Telescopic 20 to 45ft.
- Variable Free Height. From 2,0m to 3,0m (Standard Height = 2,7m)
- **It requires no modification / intervention on the spreaders at the terminal.**
- **UNIVERSAL:** it works with any type of spreader and on any type of machine.
- Very Easy maintenance as it has only got mechanic parts.
- Does NOT require a parking stand so it can be parked anywhere in the terminal.
- Red / Green colored panels indicate the crane operator of the situation of the twistlocks. Includes Forklift Pockets for easy transportation inside the terminal.



BA-030R Mechanical Frame

This OHFrame is the ideal choice when a solution based on a physical connection between the OHFrame and the main spreader is required. When the main spreader twistlocks opens the OHFrame also opens: When the main spreader closes its twistlocks the OHFrame also closes. This configuration greatly facilitates the task of the crane operator. **There is no power supply, it is a completely mechanical model.**



- Fixed 20ft / Fixed 40ft or Telescopic 20 to 40 and 45ft.
- Free Height 2,5m.
- Connection to the main spreader through its own twistlocks when these are closed and through latching plates when the twistlocks of the main spreader are open.
- Speders used with the OHFrame require installation of latching plates. Those latching plates can be provided or installed together with the OHFrame.
- Requires a Parking Stand to engage and disengage the OHFrame from the main spreader.

DOCUMENTATION & CERTIFICATES

- All OH Frames include a "Declaration of Conformity" that is compliance with **CE-2006/42 R.D. (1642/2008)**.
- All products are designed and manufactured in compliance with **UNE EN 13155 July 2003** (Cranes, safety and cargo handling equipment).
- All twistlocks are individually tested and marked.
- Test Load Certificate.
- Use / Maintenance Guide.
- Recommended periodical check-up list.
- CE plate with a unique serial number of construction and traceability of materials.
- This documentation is delivered in both English and another different language that you might prefer.
- Training courses at the delivery of the frames available from the TEC Container Technical & Sales Team.



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