

BIN LIFTER



DESCRIPTION

The **bin lifter** is a device for lifting and tipping materials contained in trolleys or containers of various shapes and sizes. The unloading height from the loading surface is customised according to the application. The unit is made of robust painted metalwork. All the mobile elements are contained inside a cabin made of closed sheet metal or mesh and suitably painted in order to guarantee the total safety of the operators. The loading point of the bin lifter is equipped with a safety microswitch that allows the machine to start only when the loading door is closed. The trolley hooking system is made according to the characteristics of the trolley itself.

In the event that there is a need to manage trolleys of different shapes and sizes, it is possible to design a trolley housing and a lifting system that can be used to load them using the same bin lifter.

TECHNICAL CHARACTERISTICS

The trolley hooking system can be realized:

- basket: a closed seat to house the trolley
- fork: a low pin to be inserted in the seat at the base of the trolley
- arm: which hooks the pins of the trolley

- The protective casing of the bin lifter can be made of closed sheet metal or mesh.
- The casings and protective devices are painted with colors suitable for preserving operator safety.
- The access door can be wing or guillotine.

SUPPLY

- Support structure painted RAL 7016
- Lifting and 135° tipping mechanism
- Containment cradle suitable for only one type of trolley
- Power geared motor 1.1 kW
- Painted protective casing
- Guillotine loading door for trolleys or containers with interlocking safety microswitch
- Trolley position control optical sensor

OPTIONAL

- Adjustment of the structure and the protective casing for variation of the lifting height
- Power adjustment for loads higher than the rated load
- Hinged loading door for trolleys or containers with interlocked safety microswitch
- Painting in RAL different from the standard
- Electrical control panel



EASY
MAINTENANCE



TROLLEY
ADAPTABILITY



SAFE
MECHANISM

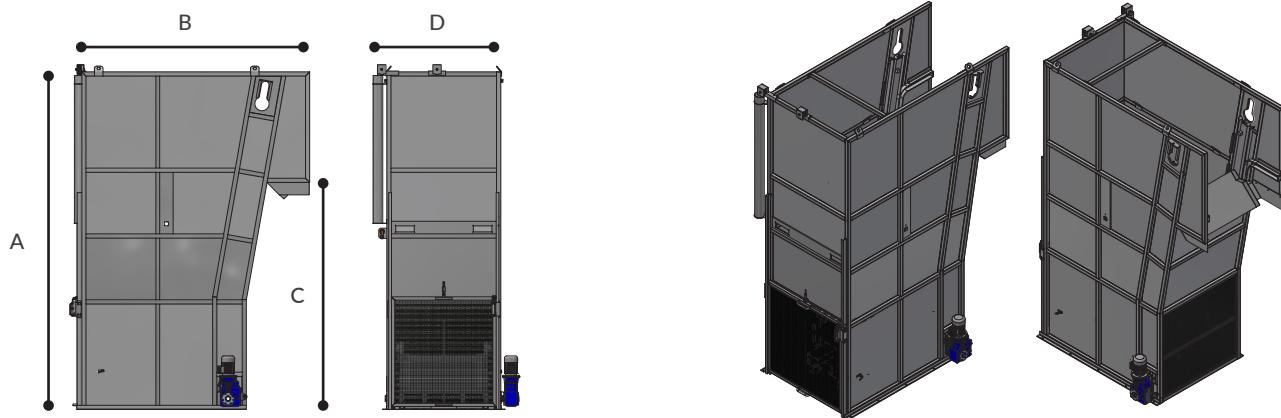


ADJUSTABLE
HEIGHT

FAMA RESERVES THE RIGHT TO MAKE CHANGES TO THE PRODUCT WITHOUT NOTICE

Uffici e Produzione/Offices and production site: Via Moraro, 19 - 36030 Montecchio Precalcino (VI) Italy- Tel.+39 0445 363950 fax +39 0445 386068
Sede Legale/ Registered office: Via S. Antonio,11- 36030 Fara Vicentino (VI) Italy C.F./P.I.: IT 02290490248 Cap. Soc. € 100.000,00 R.E.A. VI 220095
www.famaproject.com e-mail info@famaproject.com

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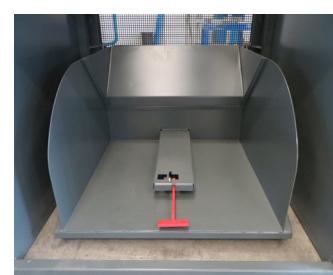
DIMENSIONS	ER250	ER500	ER750	ER1000
A	4100 mm	4100 mm	4100 mm	4100 mm
B	2100 mm	2250 mm	2600 mm	3050 mm
C	2650 mm	2800 mm	2850 mm	2700 mm
D	1350 mm	1350 mm	1600 mm	2000 mm

SPECIAL APPLICATIONS

It is possible to install a system with video camera on the bin lifter with the function of monitoring the hopper filling and signaling the achievement of a threshold limit of the chip level contained in the hopper.

BENEFITS

- Efficient and safe trolley lifting and tilting mechanism; with swarf dispersal proof system
- Custom shape and size to meet any need
- Safe, reliable, economical and durable
- Custom hooking / cradle system
- Tipping movement customizable via software
- Easy opening of the trolley loading door thanks to the transmission system with pulleys



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