

**OPERATIONAL
WITHIN 15 MINUTES**

**CAN BE DEPLOYED
AT ANY LOCATION**



MOBILE UNLOADING & PALLETIZING SOLUTIONS



Copal Mobile Unloading & Palletizing Solution

- Mobile solution for unloading and palletizing goods from containers
- Mobile unloading and palletizing of bagged goods at any location required
- Without any physical effort



MATERIALS
Handling *Working with ease...*
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COPAL MOBILE UNLOADING & PALLETIZING SOLUTION

- › Operational within 15 minutes
- › Can be deployed at any location
- › One system for several locations
- › Operates both indoors and outdoors
- › Flexible system
- › Can be moved easily and quickly
- › Bags can be sorted, several pallet positions possible
- › Visual check by inspector possible
- › Suitable for 20ft, 40ft, 45ft & High Cube containers
- › Palletizing can be done on: sea pallets (150 cm x 180 cm), industrial pallets (100 cm x 120 cm) and Euro pallets (80 cm x 120 cm)
- › Own power supply (can be supplied as an optional extra)
- › Supplied standard with Spidergripper, for picking up jute bags
- › Also suitable for unloading and palletizing cartons & boxes

Technical data

Dimensions	L: 13600 mm
	W: 2550 mm
	H: 4000 mm
Control	PLC Technology
Certificates	CE- marking
Weight of bags	20 - 100 kg
Capacity	380 bags an hour (maximum)
Operation	Touchscreen & Joystick

Options

- › automatic sampling
- › automatic moisture detection
- › automatic weighing of bags

No more waste gases

Overpressure is created in the closed cabin, providing a healthy working environment for the employee. Moreover a compressor also blows one cubic metre of fresh air at a time into the container. By doing this, residual waste gases, left behind after degassing, are removed.

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Transport

The system can be hauled using a normal tractor unit, both at home and abroad. The transportation width is 255 cm. The system is clicked onto the chassis by means of resilient pins, and is therefore classified as freight. This simplifies the permit procedure, no supervision is required.



Spidergripper

Copal developed the Spidergripper for the automatic unloading of sisal bags, polypropylene + polyethylene bags and jute bags & bales, for instance filled with cocoa, coffee, nuts or tea. The Spidergripper can also pick up bags which are not lying flat, but are for instance lying askew over each other. Depending on the way in which the container is loaded, the Spidergripper can be used to unload the container even faster.

Exchangeable grippers

The Copal Mobile Unloading & Palletizing Solution can be fitted with various types of grippers, which can pick up and deal with various sorts of goods, placing them on the roller conveyor with a smooth motion.

All Copal systems have been fitted with quick couplers, meaning the replacement of grippers can be done in just a matter of minutes. This makes the Copal Mobile Unloading & Palletizing Solution multifunctional in use so that different sorts of goods can be processed, such as boxes, trays, plastic bags, and jute bags.

Exceeding Expectations

These unique and innovative systems allow containers to be loaded and unloaded automatically, without any physical effort. As required, the load can be placed directly on pallets or transported for storage, as the Copal systems can be linked to any Warehouse Management System.

Mixed container loads and products other than carton boxes can be processed with an unmatched productivity on the Copal systems.

The Copal systems are time-saving, and drastically reduce operating costs, to guarantee a very quick return on investment. Newly delivered equipment always complies with the latest techniques and requirements of the logistics industry.

All Copal systems are patented, CE-marked and contribute to the sustainability and social responsibility of your company.



For more information or a demonstration please contact:

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