



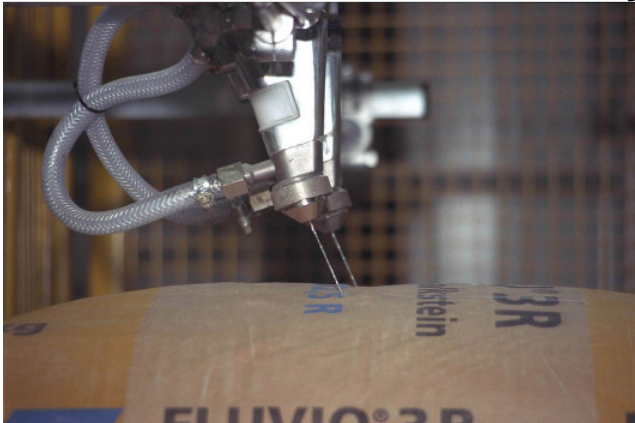
**BAG FIX™ - Securing Pallet Loads of Cartons and Paper Bags**  
**BAG FIX™ - Palettensicherung für Kartons und Papiersäcke**  
**BAG FIX™ - Protection de palettes pour cartons et sacs en papier**

# Type ESP 4



**System:       Bead Application with Diaphragm Pump and Disposable Container**  
**Système :     Application par cordons avec pompe à membrane et réservoir perdu**  
**System:       Raupenauftrag mit Membranpumpe und Einwegbehälter**

# BAG FIX™ Type ESP 4-SW



## System:

### Pumping system:

Diaphragm pump with accumulator and filter

### Application nozzles:

2 application guns (see delivery volume)

### Application pattern:

Freely adjustable from bead to spray application

### Control:

Electrical switchbox controlled by Siemens LOGO! and signaling via photoeye

## Advantages:

- **Closed cabinet**, against dusty environment
- **Closed system** from the delivery container through the guns with integrated filter
- **Low-level-system and horn** with interface to the PLC of the palletizer
- **Change of delivery drum** without stopping the production process
- **Quick connect:** For easy change of the delivery container
- **Filter:** An easy access filter to prevent contamination
- **Skip gluing** the top layer through interface of PLC
- Maintenance-free and durable design
- Can be integrated into all conveyer systems
- Easily expandable

## Technical data:

- Power supply (please select):  
100 - 240 V/AC (60W) or 24 V/DC
- Degree of protection: IP 54
- Net air pressure min. 4 bar
- Dimensions of cabinet:  
1800 x 600 x 500 mm
- Finish: RAL 7032, powder coated
- Weight: 120 kg

## Standard:

CE- reference

## Application:

This system is designed to apply water-soluble and solvent-free GRIP FIX™ (antislip agent) for pallet stability.

Due to the closed cabinet the system is optimal for use in dusty environments.

The system is used primarily for paper bags and cartons. During the process, GRIP FIX™ is applied to each individual package at the entrance of the palletizer with the exception of the last layer. The amount usually is 0.5 - 2 gram.

Pressing each layer with the sliding plate of the palletizer is not a problem because most GRIP FIX® types do not adhere to metal.

This system can also be used on plastic bags, but our production program offers better equipment for this kind of application.



## GRIP FIX™ type (cold-glue):

- Environmentally-friendly
- Water-based and solvent-free
- For foodstuff packaging

## Cleaning:

Clean only with soapy water