



# INDUSTRIAL MANIPULATOR

BY UNITED SYMBOL

ESSENTIAL  
FOR MOVING  
LARGE SIZE TILES

VERY EASY TO USE

WIDE RANGE OF ACTION

VERSATILE:  
SUITABLE FOR  
DIFFERENT NEEDS  
(BOXES, BAGS,  
SANITARYWARE, TILES)

AVAILABLE WITH FIX  
OR MOVABLE SUPPORT



**inter**  **ser**

reliable fast worldwide

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MADE IN ITALY 

# INDUSTRIAL MANIPULATOR

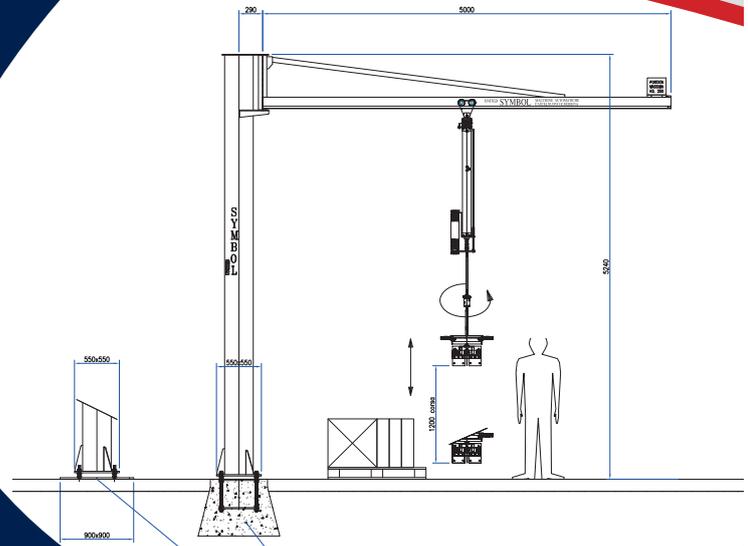
## TECHNICAL FEATURES

### Version with fixed structure (fully pneumatic):

Lifting weight: 80/250 Kg  
Lifting range: 1.200 mm  
Working radius: 5.000 mm  
Operating pressure: 6/7 bar (constant)  
Rotation range: 0-270°

### Movable version (self governing):

Lifting weight: up to 200 Kg  
Lifting range: 1.200 mm  
Working radius: 3.000 mm  
Feeding by batteries  
Rotation range: 180°



In the last few years, all the biggest tiles manufacturers started to produce large size tiles, therefore it became necessary to develop solutions to help operators to handle the heavier loads.

Furthermore, it is becoming more common to assemble pallets with different kind of products to complete customers' order taking various sizes from the single-product pallet, the procedure so-called "picking"; in the same way is increasing the need of feeding polish or cutting line and palletization of boxes and packages.

To satisfy these needs INTER SER offers the semiautomatic pneumatically activated manipulator, produced by United Symbol; extremely versatile it can be used with different sizes boxes or packages.

The wide range of action, the peculiar manageability combined with the simplicity of the machinery make this manipulator an essential support to handle those large size products that will be finally moved easily, without any effort, by any operator.

The manipulators INTER SER by United SYMBOL are designed to be very simple and practical, based on the company's large experience, more than 25 years, in several industry branches.

The manipulators can be installed in different ways: fix column, air monorail, light overhead travelling crane or self-propelled version with joint independent arm, powered by rechargeable batteries.

