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Company Overview

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**MS METALSYSTEM**

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**Engineered  
and built  
solutions**





## Highlights <sup>1</sup>

MS Metalsystem has been engineering and manufacturing dock levellers, lift tables, sectional doors, high-speed doors, dock shelters and pallet inverters since 1988. Our solutions increase productivity and efficiency.

**+20.000**  
Installations

**40**  
Countries

**5**  
Patents

**+30**  
Years

## Workflow <sup>2</sup>

**1** We meet with the client and listen to all the requests

**2** We design new technologies by proposing tailored solutions to the client

**3** Clients approval of the project

**4** We manufacture the solutions on our own facilities

**5** We keep the client fully updated, sharing all the details during the manufacturing process and our strict quality controls

**6** Installation on clients site

**7** We ensure that instalations are always fully working

## Engineering <sup>3</sup>

A highly specialized and multidisciplinary engineering department

## Manufacturing Process <sup>4</sup>

- A. Latest generation fiber optic laser for sheet metal cutting
- B. Water jet cutting machine for thick parts
- C. Highly precise CNC machining centers
- D. Automated welding cells
- E. Mechanical assembly
- F. Electrical installation
- G. Strict quality controls and stress testing

# MS Metalsystem: engineered and built solutions



## 1. Reception & Expedition



## 4. End of Production Lines



## 3. Sectoring & Lifting



## 2. Feeding of Production Lines

### Receipt and dispatch Solutions

We offer a full range of receipt and dispatch solutions ensuring the highest levels of hygiene and insulation.

- Streamline receipt and dispatch operations
- Guarantee products preserve their original condition
- Maintain the cold chain
- Ensure full control over the environment & user safety

### Indock

Designed so that container doors are opened from inside the plant. Comprised of:

- Hinged lip dock leveller
- Inflatable shelter
- Sectional or roll-up door
- Hydraulic bumpers
- Lorry alignment barriers
- Traffic light
- Photocell presence sensor

All controlled in one synchronised operation.  
Built in stainless or galvanised steel.

## INDOCK



↓ Hinged Lip Dock Leveller



↓ Tandem Scissor



**Box Tipping Solutions**

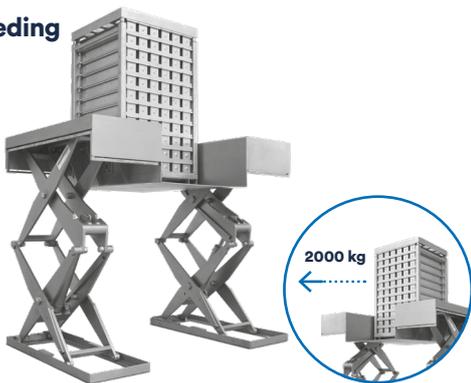
Designed to tip box containing product.  
Decanting mouths designed to meet customer requirements.

- Start of production lines
- Feeding machines and conveyor belts
- Changing containers
- Built in stainless steel
- Models for all kinds of containers and processes

**Depalletizing Solutions**

Automated or semi-automated systems for frozen block or crates depalletizing processes.

- Increase productivity and ergonomics
- Reduces manipulation of product securing its safety
- Tailored turn key solutions

**↓ Tipper ( 120° )****↓ Elevator + Tipper****↓ Machine Feeding****↓ Depalettizing + Feeding**

### High-Speed Doors

Full range of automaci high-speed doors suitable for separating sections and clean rooms.

- Sectioning and delimitation of different areas
- Maintain atmospheres
- Improve hygiene conditions

Different models suited to different needs:

- Quicksystem, designed for high-traffic, internal doors
- Speedsystem, ideal for goods on rails thanks to the lateral opening design
- Foldsystem, for large external doors

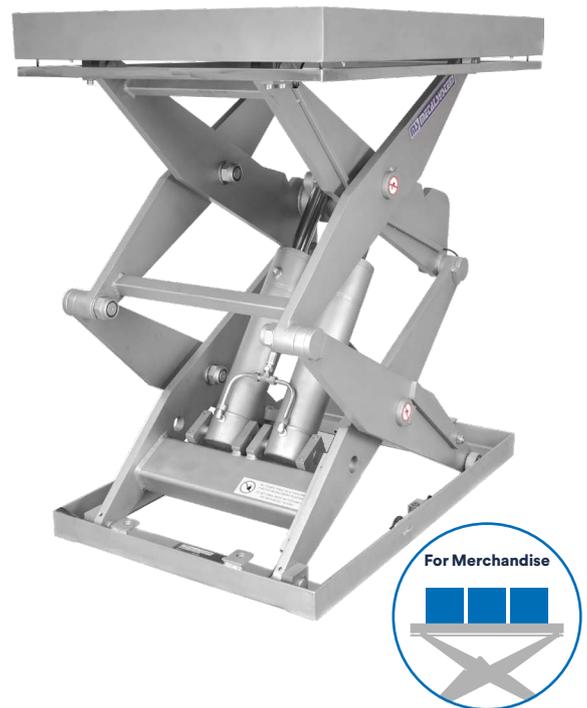
Built in stainless or galvanised steel with a wide range of opening mechanisms.



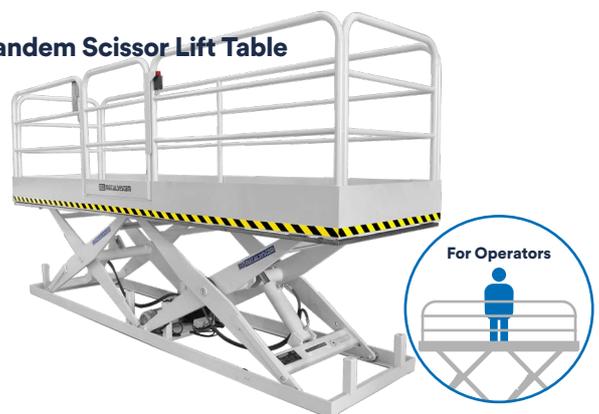
### Single, Double And Triple Scissor Lifting Platforms

- Improved ergonomics, palletisation and handling of loads at the ideal height
- Reception/dispatch of goods
- Process line automation
- Solutions for lifting goods, vehicles or operators
- Bridges across different heights
- Multiple models with different dimensions, heights and load capacities
- Available in stainless, galvanised or painted steel

#### ↓ Double Scissor



#### ↓ Tandem Scissor Lift Table



**Low-Profile Lifting Tables**

Increase productivity and improve working conditions. Operators can work at the same height all the time, thus improving ergonomics and reducing palletisation/depalletisation time.

- Constructed entirely from stainless or painted steel
- Different models are available with a rectangular, U-shaped or E-shaped top
- Compact design made for being installed directly on the floor without a pit
- Maximum load: 1200 kg and 2000 kg models.
- Elevation: 900 mm, 1150 mm, 1400 mm
- Compliant with UNE-EN-1570

**Pallet Inverter**

Process automation: facilitate quick and easy removal of the freezer block separator spacers.

- Removal of freezer separator spacers
- Change plastic pallets to dispatch pallets
- Square pallets to ensure perfect alignment

Considerably reduces preparation time and optimises the product's condition.

- Built in stainless steel
- Maximum load: 2000 kg
- Maximum pallet height: 2400 and 3100 mm
- Protection system with side panels and safety barriers

↓ **Pallet Inverter**



↓ **Lift Table with Side Flaps**



Compliant with UL Standard

↓ **Low Profile U Shape**



↓ **Low Profile Rectangular**





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