



# MANUT-LM

The manual handling assistance solution



## Light lift ERGO

HANDLING ASSISTANCE  
S O L U T I O N S



## The range

DESIGNED AND DEVELOPED BY THE MANUT-LM COMPANY IN THE CONTEXT OF ITS PROGRAMME AIMING TO REMOVE THE PHYSICAL RISKS LINKED TO MANUALLY HANDLING LOADS, "LIGHT LIFT ERGO" IS A NEW RANGE OF LIFTING SOLUTIONS FOR LIGHT LOADS.

The new range of MANUT-LM "**LIGHT LIFT ERGO**" manipulators includes 3 different versions:

# 3 VERSIONS

**ERGO Fast**

**ERGO Flex**

**ERGO Plus**



**ERGONOMICALLY  
REDESIGNED** TO OFFER  
GREATER FLEXIBILITY  
AND REDUCE OR AVOID  
FATIGUE, SICK LEAVE  
AND MUSCULOSKELETAL  
DISORDERS



# ERGO Fast



For repetitive and prolonged handling at an ergonomic height, it allows the operator to maintain a significant pace, all the while removing the risk of MSDs.

↓  
ALSO  
AVAILABLE IN  
STAINLESS  
STEEL



Handling cans



Handling boxes



Handling barrels



Handling bags



Built-in automatic lifting system

The handle is designed to encourage a full grip. This grip, known as a strong one, allows the load to be moved effortlessly. The operator can feel confident of having a firm grip by the neutral position of the forearm which allows for a greater freedom of movement of his upper limb. There is an automatic lifting system built-in to free the load effortlessly.

As an optional extra, there is the possibility of incorporating the start/stop control onto the head. This way, the operator no longer needs to move to turn the device on or off.



Joint allowing for the load to be rotated from horizontal to vertical or the load to be gripped horizontally or vertically



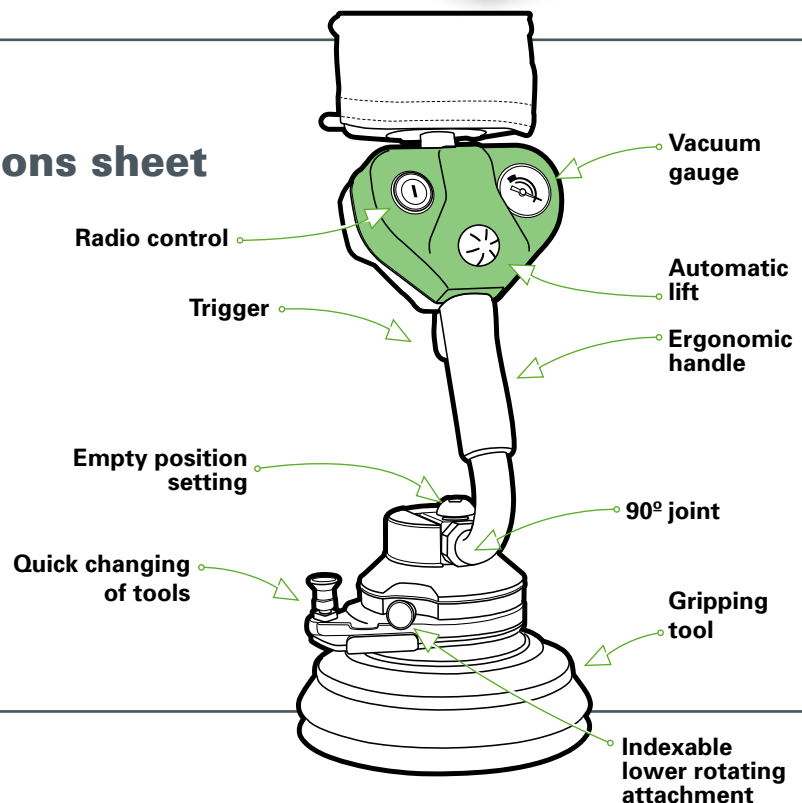
## ERGO FAST technical specifications sheet

### Integrated functions:

- Trigger
- Empty position setting
- Vacuum gauge
- Automatic lift
- Ergonomic handle
- Gripping tool
- 90° joint

### Optional functions:

- Radio control
- Quick changing of tools
- Indexable lower rotating attachment





# ERGO Flex



In the case of repetitive and prolonged handling at variable heights, it allows the operator to maintain a significant pace, all the while removing the risk of MSDs.

↓  
ALSO  
AVAILABLE IN  
STAINLESS  
STEEL



Handling bags



Handling boxes



Handling cans



Handling containers



The handle has been designed to support the natural movement of the operator's wrist at variable heights, throughout their handling operations. Its modular system also allows it to go from a right to left-handed position and back, one hand triggers the system, the second acts as guidance assistance, which can reassure the operator for delicate, large or hazardous loads.



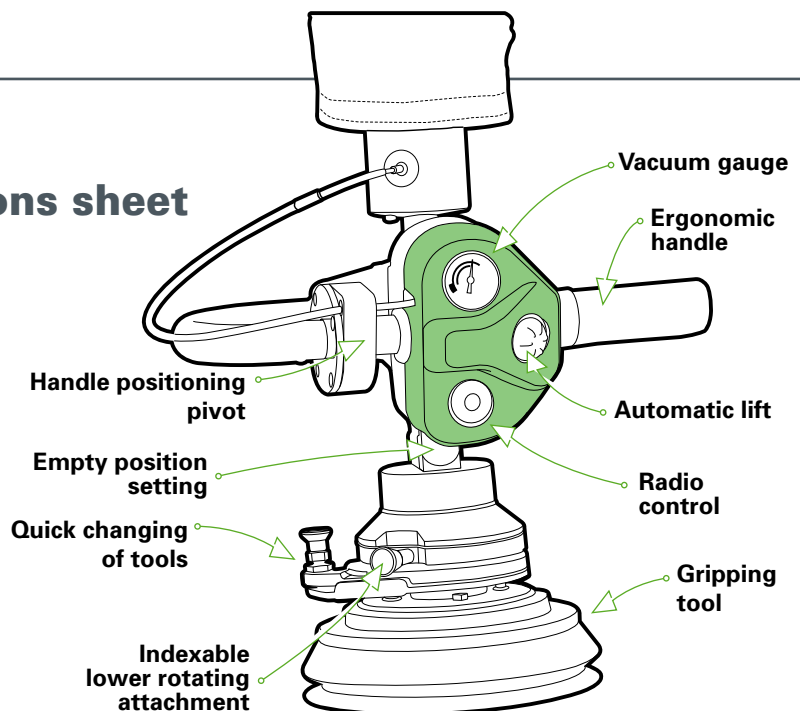
## ERGO FLEX technical specifications sheet

### Integrated functions:

- Handle positioning pivot
- Empty position setting
- Quick change
- Vacuum gauge
- Ergonomic handle
- Automatic lift
- Gripping tool

### Optional functions:

- Radio control
- Quick changing of tools
- Indexable lower rotating attachment



# ERGO Plus



**In the case of repetitive and prolonged handling at significant heights, it allows the operator to maintain a rapid pace, all the while removing the risk of MSDs.**

↓  
**ALSO AVAILABLE IN STAINLESS STEEL**



Handling boxes



Handling barrels



Handling bags



Handling cans



This handle combines the advantages of the two previous ones. It is better suited to heavy, large or sensitive products. It has been designed so that the operator stays in an ergonomic position during the lowest and highest handling operations alike. The built-in automatic lifting system allows the operator to free the load effortlessly.

As an optional extra, there is the possibility of incorporating the start/stop control onto the head. This way, the operator no longer needs to move to turn the device on or off.



## ERGO PLUS

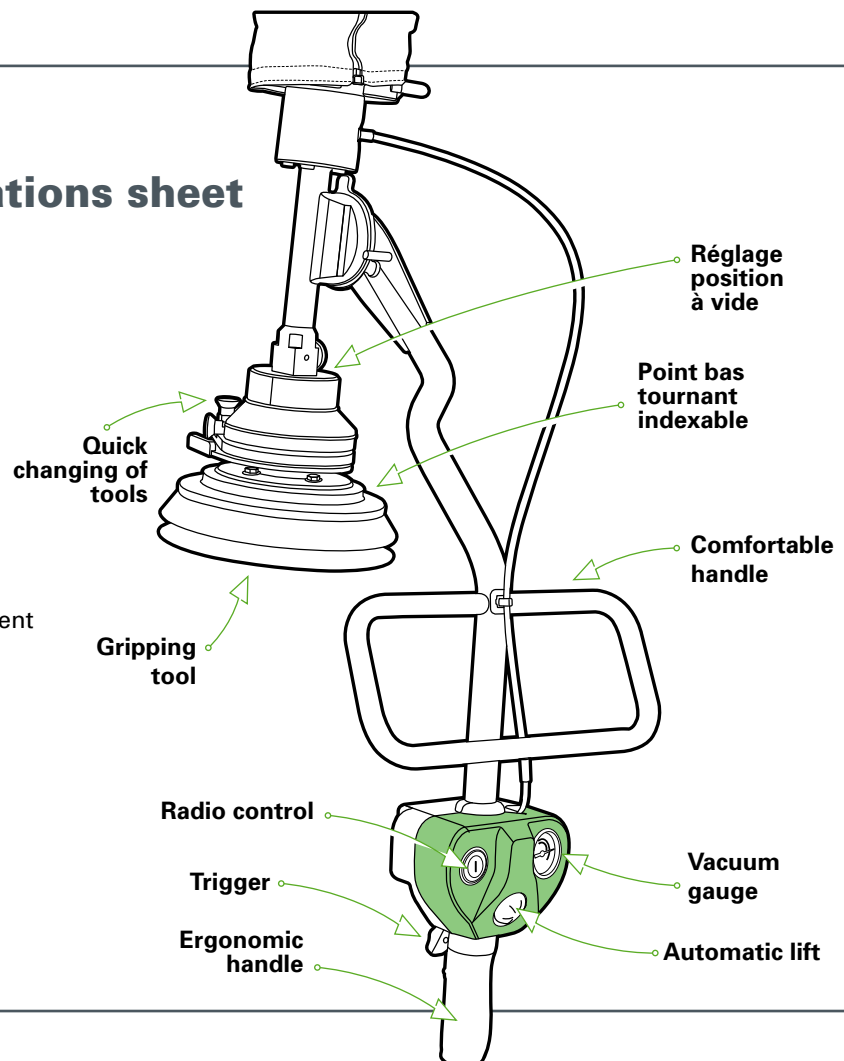
### technical specifications sheet

#### Integrated functions:

- Trigger
- Gripping tool
- Ergonomic handle
- Comfortable handle
- Vacuum gauge
- Automatic lift

#### Optional functions:

- Radio control
- Quick changing of tools
- Indexable lower rotating attachment





# The supports

The support is an integral part of the MANUT-LM handling assistance solution.

By doing no more than defining the lifting equipment, you only respond partially to the issue of seeking ergonomics and removing difficult working conditions in the work station.

The support must be adapted to the vacuum lifting device, but it must also meet the requirements of your environment.

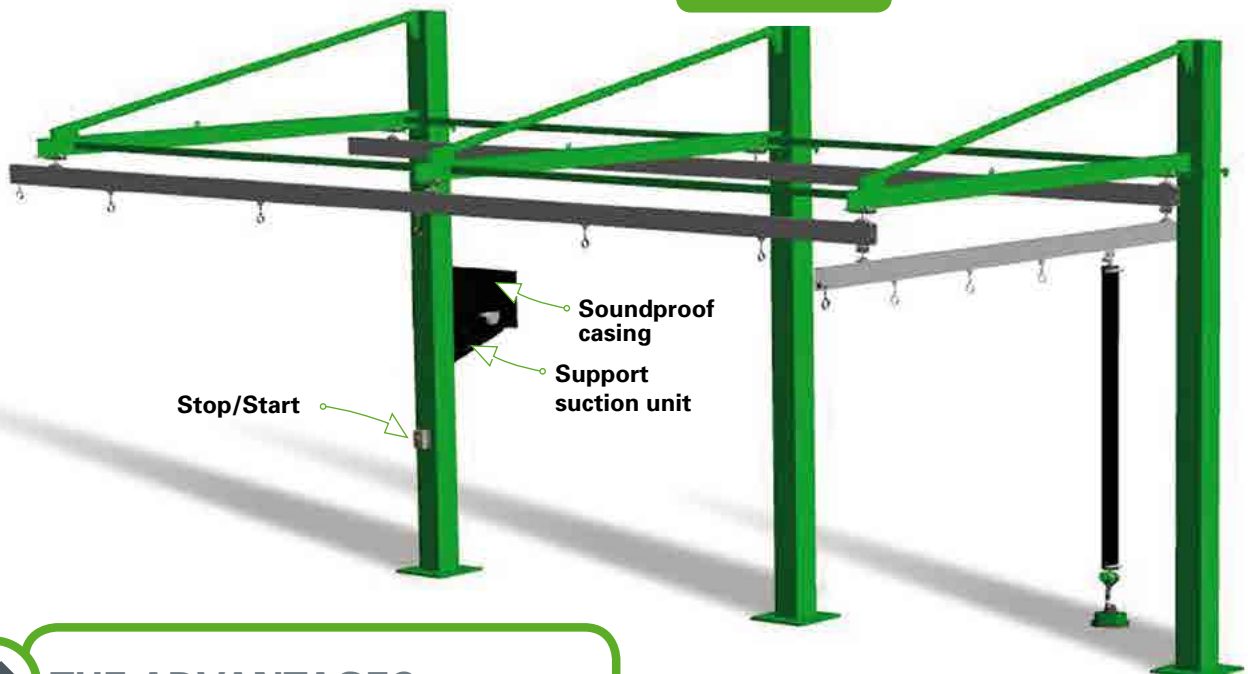
- Do you need to cover a significant working area or feed a machine?
- Do you have low-ceilinged premises or need to get round an obstacle?
- Do you have health and/or safety requirements specific to your business area?
- Do you have the option, or not, of attaching the support to the ground, the wall or a pillar?
- Do you need to be able to move the support?

**MANUT-LM offers you some examples of supports below:**

- Crane bridges
- Jib cranes with sliding rail
- Articulated jib cranes

## Crane bridges

Made up of two crane runways and a sliding girder, this support is also available as a monorail version. It requires attachment to the building's structural framework or implementation of a structure on the ground. It is available in steel, aluminium or stainless steel.



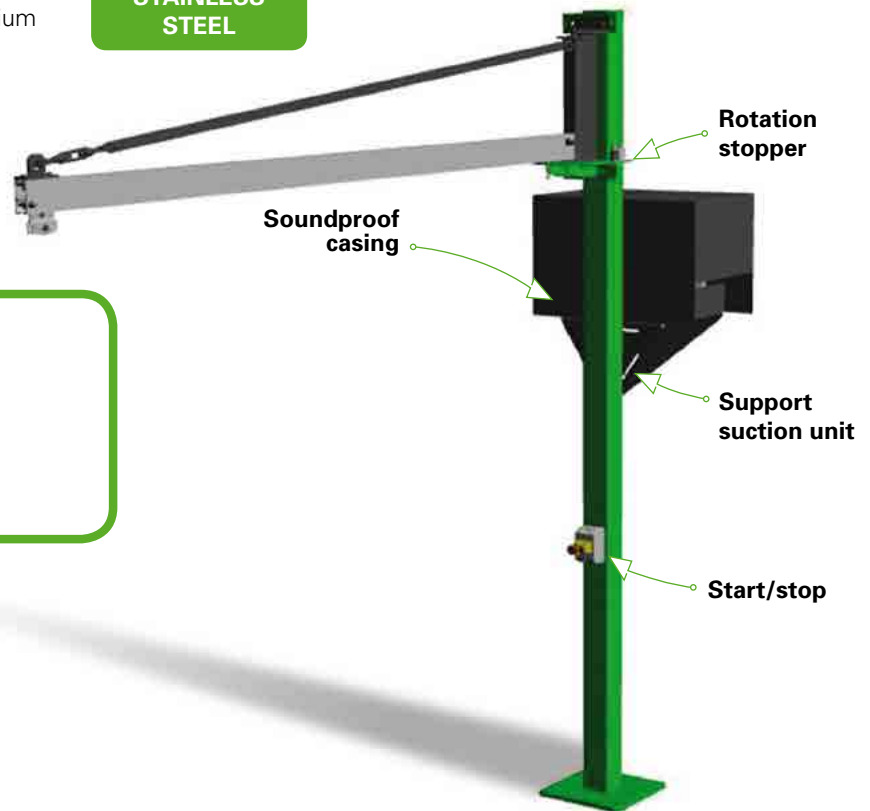
## → THE ADVANTAGES

- Able to cover a significant working area.
- Allows for a more flexible use of the manipulator(s).
- Lets you have several manipulators under a single support.

## Jib cranes with sliding rail

This is a support which requires a significant height available and a good quality floor to attach it (jib crane on a column) or a wall/pillar compatible with the weight of the load and the range of the jib crane (wall jib crane). It is available in steel, stainless steel or with an aluminium rail.

↓  
 ALSO  
 AVAILABLE IN  
 STAINLESS  
 STEEL



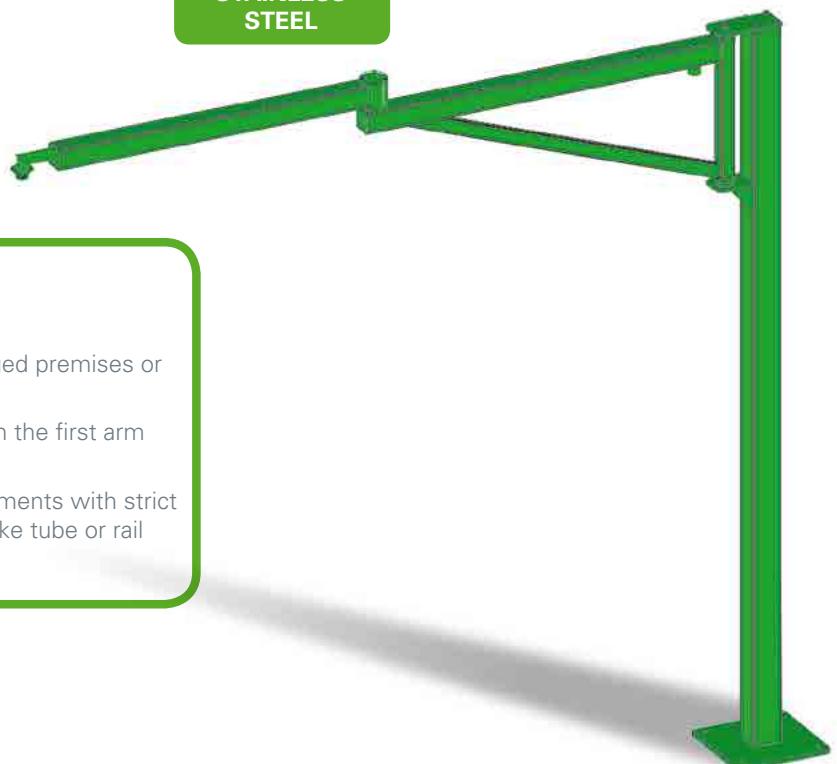
### → THE ADVANTAGES

- Light to use
- Range up to 6m over a 260/270° rotation
- Moderate cost

## Articulated jib crane

It is made from 2 articulated arms with the option of creating a vacuum inside. It needs a good quality floor to attach it (jib crane on a column) or a wall/pillar compatible with the weight of the load and the range of the jib crane (wall jib crane). It is available in steel or, depending on the weight, in stainless steel.

↓  
 ALSO  
 AVAILABLE IN  
 STAINLESS  
 STEEL



### → THE ADVANTAGES

- Installation possible in low-ceilinged premises or with an obstacle to get round.
- Range (up to 4m, 270° rotation on the first arm and 320° on the second arm).
- Avoids retention areas in environments with strict hygiene requirements, no air intake tube or rail (exclusive to MANUT-LM).

Based in Ancenis (Loire-Atlantique), MANUT-LM is a French manufacturer of manual handling assistance solutions.

For 30 years and through working closely with its customers, the company has been designing suction lifting equipment allowing for a reduction in the physical and financial risks linked to handling loads in companies.

Currently, MANUT-LM consists of:

- A team of field technical sales representatives
- An attentive customer service
- A design office
- A show room
- A website [www.manutlm.com](http://www.manutlm.com)
- A presence in Europe, Africa, Asia, Australia and the USA via its distributors



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