

Column jib crane - Slewing 360°

# Reference 917

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Instruction manual \_\_\_\_\_ **EN**



CE

337.28.10-2

**PRODUCT DEVELOPED AND MANUFACTURED ACCORDING TO EN 13157 FRENCH STANDARD  
REGISTERED DESIGN**

To ensure the constant improvement of its products, HUCHEZ reserves the right to change the equipment as described below and, in this case, to supply products which differ from the illustrations in this instruction manual.

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## **Contents**

1 - General warning.....	2
2 – Presentation of the machines .....	2
3 – Handling – Storage .....	4
4 – Assembly and set-up .....	4
5 – Servicing and maintenance .....	4
6 – Contraindications for use .....	4
7 – Compulsory regulatory checks .....	5
8 – Taking out of use .....	6
9 – Example of the Declaration of Conformity .....	6
10 – Appendice: winch instruction manual (if supplied with the jib crane) .....	6

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## **1 - General warning**

The jib cranes alone are considered "quasi machines" by European Directives. Once equipped with a manual or electric hoist, they are considered lifting equipment: a "machine ", and are subject to European regulations, particularly the Machinery Directive 2006/42/EC.

- Before using this jib crane, carefully read this instruction manual and comply with all the instructions to ensure safe and efficient use of the equipment.
- This instruction manual must be available to all operators. The manufacturer will provide additional copies on request.
- Jib cranes equipped with lifting devices can perform lifting operations in a given workspace. Please ensure that the operator is qualified to operate the machine in the conditions provided for in this manual. This will ensure the safety of both people and the environment.
- Never use this jib crane with a load that exceeds the maximum load indicated.
- This jib crane may not, under any circumstances, be used to lift people.
- Before use, the operator must always ensure that the work area is clear and check that the machine, cable or chain, hook, markings and moorings are in good working order.
- The manufacturer shall not accept any liability for consequences resulting from the use or installation of equipment not provided for in the present instructions; or for the consequences of removal, modification or replacement of original parts or components with parts or components from other sources without the written agreement of HUCHEZ.

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## **2 – Presentation of the machines**

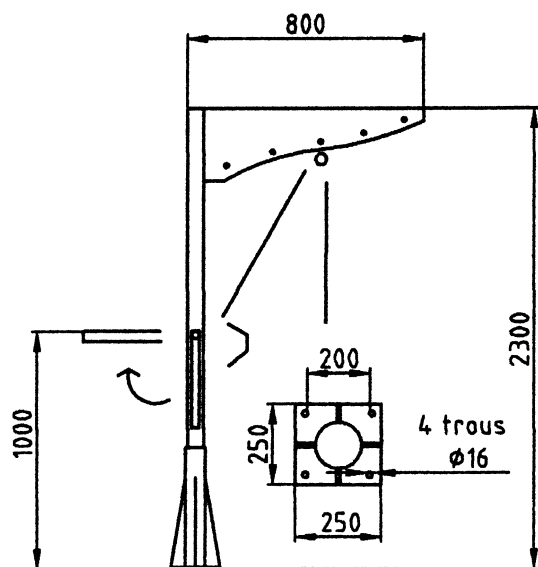
Capacity: 150 to 500 kg

## 2.1. Technical specifications and construction

- Weather protective cover for the base
- Galvanized steel beam
- Manual rotation (360°) through an adjustable lever
- Adjustable span with the different bolls possibility
- Square galvanized steel base and galvanized tube to receive the column of the jib crane

## 2.2. Dimensions

Model 150 kg

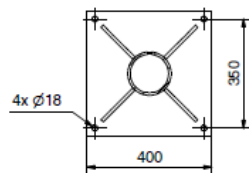
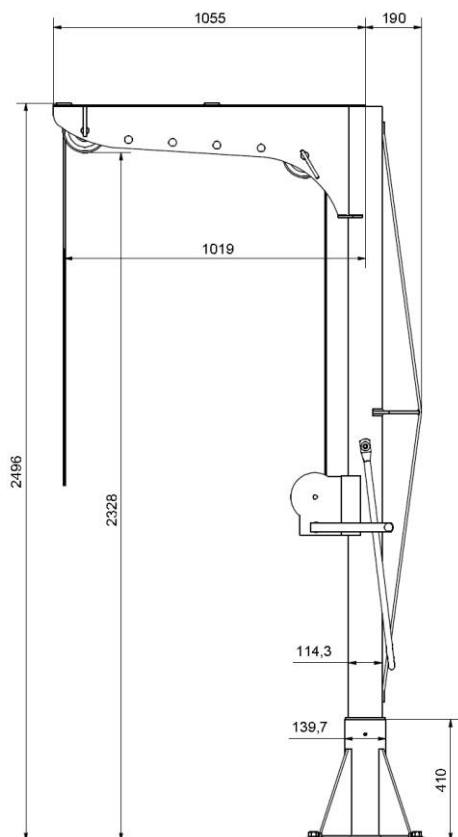


Weight :

Jib crane : 22 kg

Base : 7 kg

Models 300 and 500 kg



Weight :

Jib crane 55 kg / 77 kg as per the model

Base : 30 kg

### 2.3. Operation

According to the effort on the beam , the jib crane takes its natural position in the dedicated space (360°).

### 2.4. Options

Options: can be adapted for a manual winch (Manibox GR or 631 AFL type) or electric winch (MOTORBOX type), return pulley available for the model 150 kg.

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## 3 – Handling – Storage

For the handling and setting up of jib cranes, pass a sling around the column. The device can be tilted and handled easily, in complete safety.

It is advisable to store the equipment in weatherproof conditions.

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## 4 – Assembly and set-up

- Fix the base on the ground.
- Set up the column in the base.

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## 5 – Servicing and maintenance

Regularly check that the structure is at the correct level (flat and horizontal) and remain correctly fixed.

Also check the condition of the lifting device according to the specifications of its instruction manual and in particular check the chain or cable, the hook and the brake.

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## 6 – Contraindications for use

**Before using the equipment, check that there are no causes of overloading such as: grip, vacuum, sticking, etc.**

**All prohibited and incorrect uses or operations are presented below:**

**It is prohibited to:**

- lift loads in excess of the nominal load indicated on the machine marking plate
- pull at an angle
- swing the load
- use the winch to lift people
- walk under a load
- use hooks without a latch, which do not correspond to the loads indicated on the machine or which are in poor state
- insert objects into moving parts;

- perform operations on a machine while it is loaded;
- let the load free fall;
- use the machine for other operations than is designed for use parts or components other than the original ones provided by the manufacturer.

## **7 – Compulsory regulatory checks**

This equipment has been designed to be tested:

- in a dynamic situation, with a coefficient of 1.1
- in a static situation:
  - to a coefficient of 1.5 for human powered machines
  - to a coefficient of 1.25 for other machines

A periodic maintenance check is required at least once a year:

In accordance with regulations, the user must keep an inspection booklet recording all the inspections and operations carried out on the machine (Rule FEM 9755).

**In France, since 1 April 2005, the owner of a lifting machine must:**

- 1. Pursuant to the provisions of the order of 2 March 2004, keep a maintenance log in which the following must be recorded:**

- Maintenance operations performed in accordance with the recommendations of the manufacturer
- All other operations (inspection, maintenance, repairs, replacement or changes to the machine)

The following must be recorded for each of these operations: the date of the work, the names of the people and, where appropriate, the companies which carried out the work, the nature of the operation and, if it is a regular operation, the frequency. If the operations involve the replacement of certain machine components, the references of these components must be indicated.

- 2. By virtue of the order of 1 March 2004, article R 232.12 of the Labour Code:**

Checks during set-up (section 3 of the order - articles 12 to 17):

- Suitability test (article 5-1): suitable equipment and compliant installation. It must be provided, in writing, by the user (article 3d).
- Assembly and installation test (article 5-11): equipment installed according to the instruction manual.
- Operating test (article 6c or 14-II): loaded with safety tests.
- Static test (art. 10)
- Dynamic test (art. 11)


Regular general checks (section 5 of the order - articles 22 to 24):


- Inspection of the state of preservation (art. 9): equipment kept in good condition, with nothing missing or added, compliant.
- Operating test (art. 6b and c): loaded with safety tests.
- Checks when resuming service (section 4 of the order - articles 18 to 21):
- Suitability test (art. 5-I): suitable equipment and compliant installation. It must be provided, in writing, by the user (art. 3d).
- Assembly and installation test (art. 5-II): equipment installed according to the instruction manual.
- Inspection of the state of preservation (art. 9): equipment kept in good condition, with nothing missing or added, compliant.
- Operating test (art. 19-II): loaded with safety tests.
- Static test (art. 10)
- Dynamic test (art. 11)

## 8 – Taking out of use

If the equipment is in a state of disrepair likely to give rise to risks, the user is obliged to ensure that this equipment is eliminated, i.e.: prevented from operating and possibly disassembled.

## 9 – Example of the Declaration of Conformity





**DECLARATION OF CONFORMITY**

**PARTLY COMPLETED MACHINERY**

F 03.21.1 UK Jib and Gantry Cranes

We hereby declare that the workshop jib crane or gantry crane (partly completed machinery) designated below comply in terms of their design and manufacture with the pertinent requirements of the Machinery Directive 2006/42/EC, except with the following:

- This workshop jib crane or gantry crane may not be commissioned until the jib crane or gantry crane + trolley + hoist (or winch) assembly has been declared compliant with the pertinent provisions of this Directive, when applicable.
- It is particularly advisable to check the correct stability and fixing or anchoring of the jib cranes to the floor.

Machine type:      ☐ Jib crane                      ☐ Workshop gantry crane

Model:

Capacity:

Span:

Under-rail height:

Degree of rotation (jib cranes only):

Serial n°:

Function:                      Equipment lifting

Quality assurance:      ISO 9001 (certificate registration n°: FQA 9911492)

Equipment delivered:

☐ without lifting device (trolley, hoist or winch)

with user instructions.

The pertinent technical documentation is drawn up in accordance with Appendix VII-B.  
We undertake to send, following a duly justified request from the national authorities, the pertinent information concerning the workshop jib crane or gantry crane (partly completed machinery).  
This commitment will not, in any case, be prejudicial to our intellectual property rights over this device or any other device belonging to the same range.  
This declaration will be declared null and void in the event of an alteration or the addition of any elements not having previously received our approval.  
Moreover, this declaration will be declared null and void if the machine is not used in accordance with the instructions of its manual and if it does not undergo regular testing.

In Ferrières, on


Antoine HUCHEZ,  
CEO


[www.huchez.fr](http://www.huchez.fr)

HUCHEZ S.A.S.  
Place de l'Église  
60420 Ferrières (France)

Tel: +33 (0)3 44 51 11 33  
Fax: +33 (0)3 44 51 13 13  
contact@huchez.fr

S.A.S. with a capital of 4500,000  
RC Breisach 535 520 482  
APE 2822 Z  
VAT FR 85 526 020 482

membre du  




## 10 – Appendice: winch instruction manual (if supplied with the jib crane)