



| ENG

# EXTENDO

Articulated arm for supporting the wire feeder

[carpano.it](http://carpano.it)

# EXTENDO

## Articulated arm for supporting the wire feeder

- Height adjustment by hydraulic cylinder driven by manual pump
- Available in 3 different sizes
- Possibility to fix the arm to a wall or to a column
- Supporting column to be fixed to the ground
- Supporting column with self-standing basis for easy movement by forklift



We reserve the right of modifying the technical features of machinery as stated herein and we do not respond for any printing mistake.

**All rights reserved.** Text and images can be reproduced only after our written authorization.

- The updated version is the one in our web site



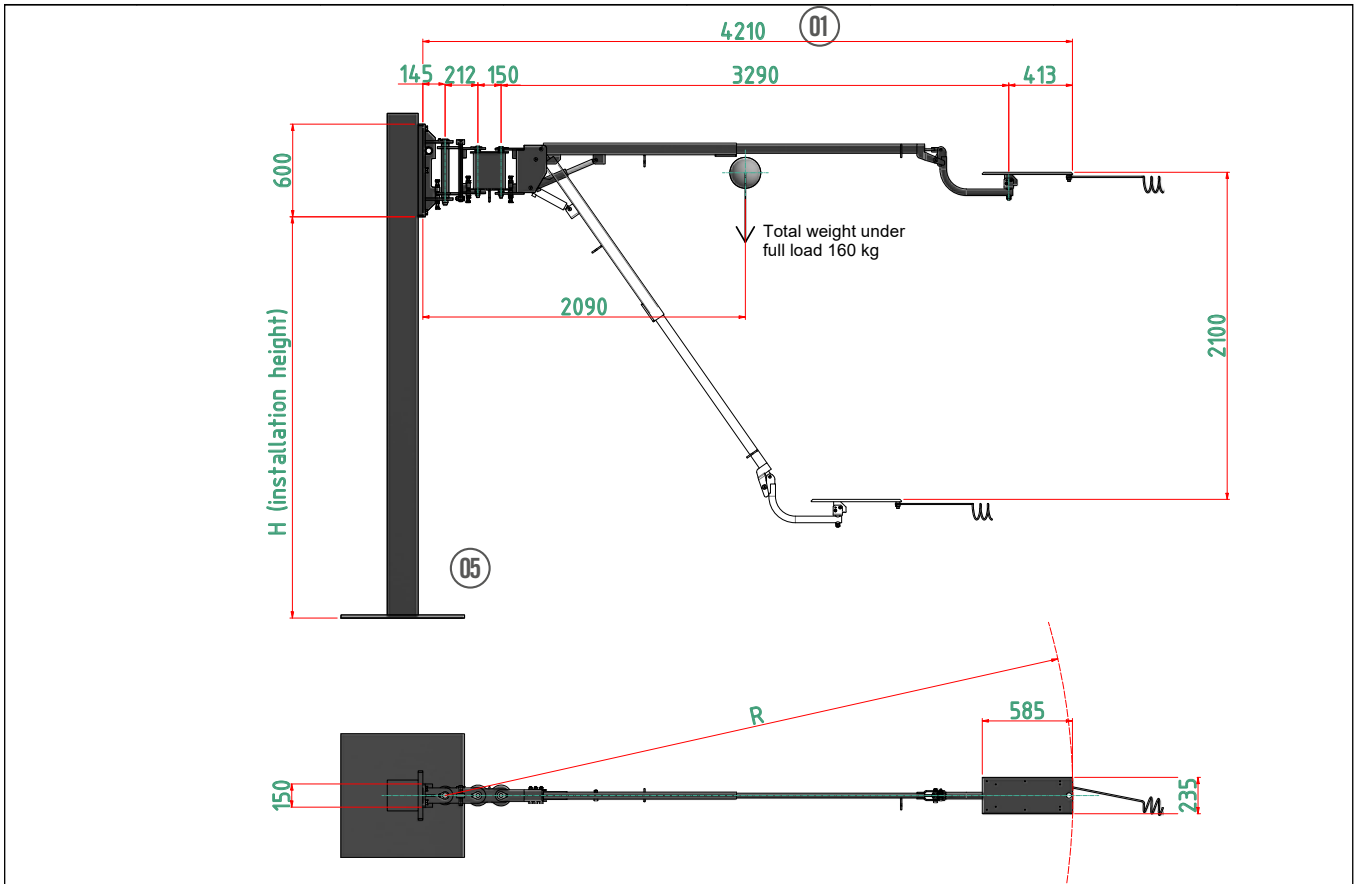
**Extendo is an articulated arm to support a welding wire feeder from above.**

**Its main function is to facilitate the welder by allowing him to cover a large work area by effortlessly repositioning torch and wire feeder.**

**Main features:**

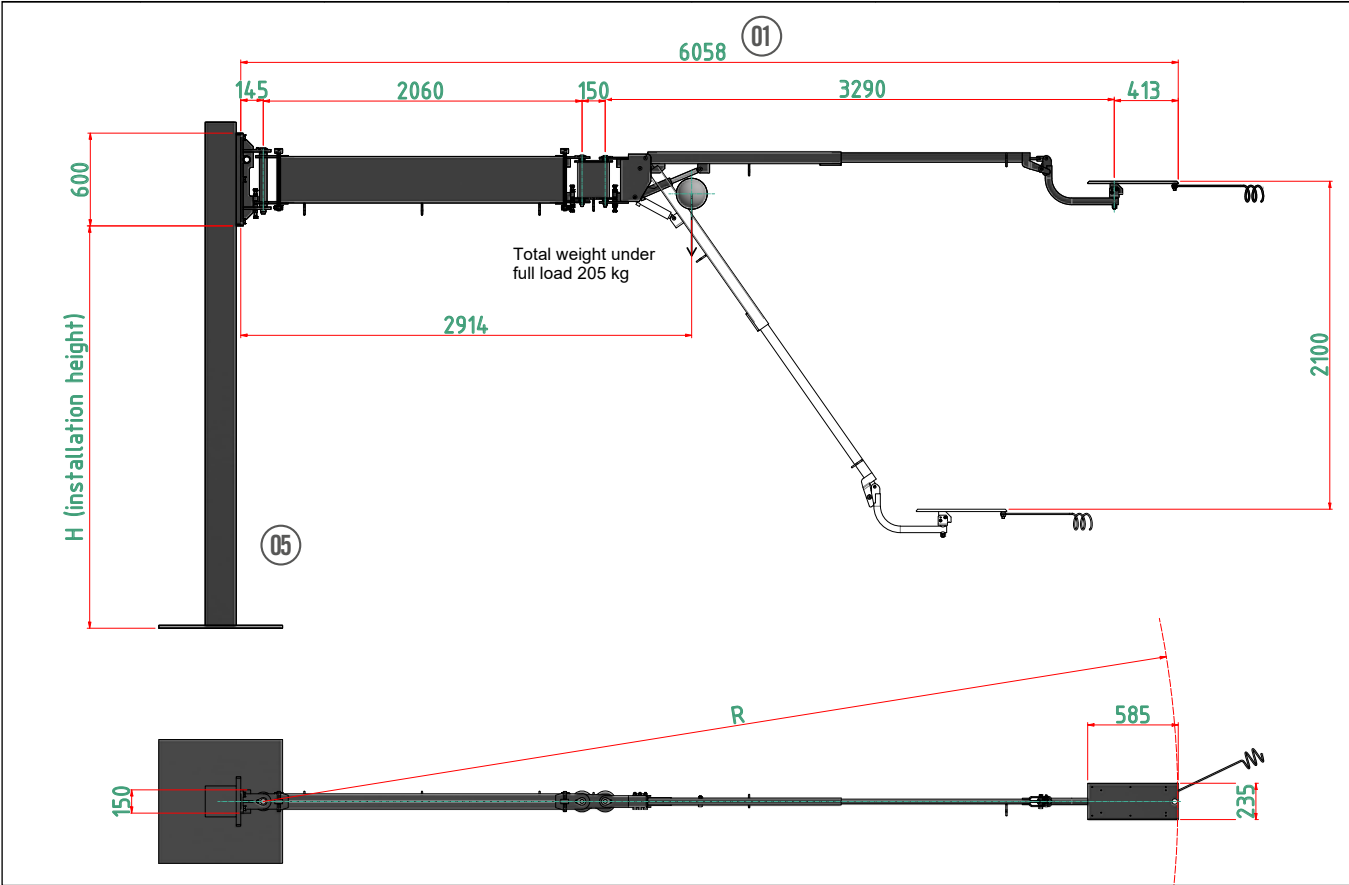
- Three ranges of length: MAXI – MIDI – MINI
- Height adjustment of wire feeder position by hydraulic cylinder driven by manual pump
- No need of load balancing: the hydraulic device does not need any calibration
- Leverism to keep wire feeder cradle always parallel to the floor, regardless of the lifting arm angle
- Hooks for supporting welding machine connection cables

## ■ Extendo MINI

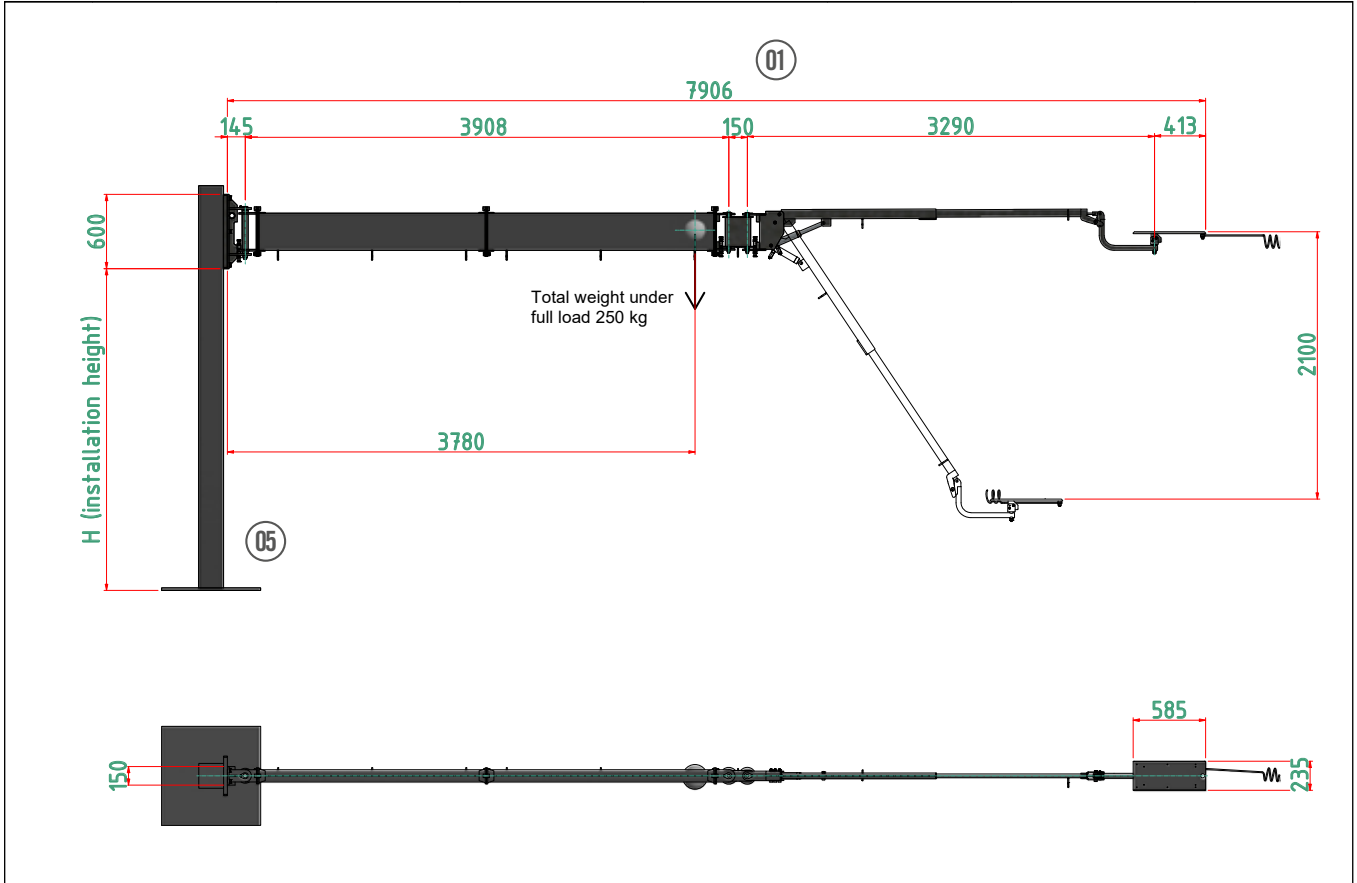


### Extendo MINI

1. Arm's reach 4210 mm
2. Max weight allowed on the cradle 50 kg
3. Manual pump for wire feeder cradle height adjustment included
4. Fixing to wall or to existing column
5. The column shown by the sketch is not included in **Extendo MINI** code



# ■ Extendo MAXI

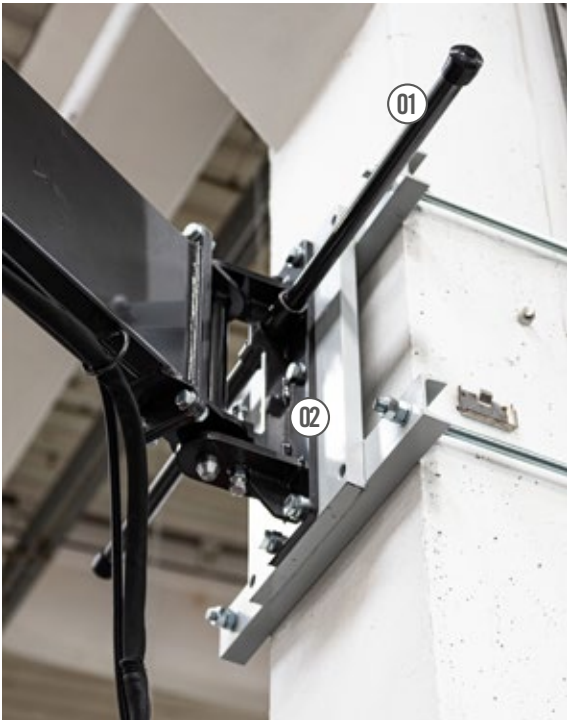


Photograph of the Extendo MAXI arm. The arm is black and has "EXTENDO" written on it. Callouts 01 through 05 are placed on the image to correspond to the technical drawing above:

- 01: The main horizontal arm section.
- 02: The angled section of the arm.
- 03: The manual pump for wire feeder cradle height adjustment.
- 04: The mounting bracket on the wall.
- 05: The mounting point on the column.

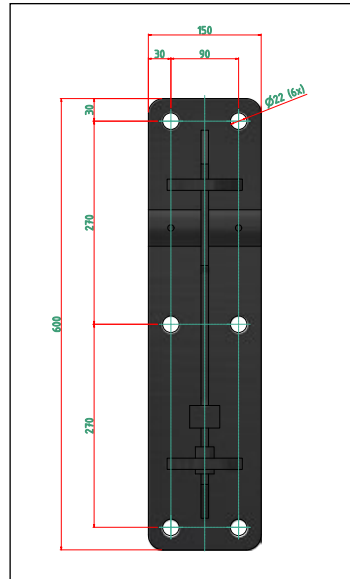
## Extendo MAXI

1. Arm's reach 7906 mm
2. Max weight allowed on the cradle 50 kg
3. Manual pump for wire feeder cradle height adjustment included
4. Fixing to wall or to existing column
5. The column shown by the sketch is not included in **Extendo MAXI** code



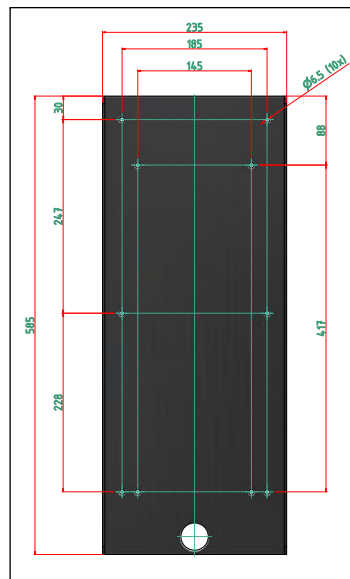
## How to fix the boom

1. Steel rod for limiting rotation to 180°
2. Plate for fixing



## Wire feeder cradle

3. Plate for wire feeder fixing
4. Spring for supporting torch cable



Standard drilling  
Can be drilled differently  
as needed



5. Leverism to keep the wire feeder always parallel to the floor, regardless of the lifting arm tilting angle

## ■ Extendo MIDI with column



**Extendo MIDI with column for permanent fixing to the ground**  
Solution useful when the factory does not allow to fix Extendo to a wall or to an existing column.  
In this case the Customer will indicate us the height available and we will calculate the dimensions of the vertical structure and of its ground fixing system. Column is provided with predisposition for fixing to self-standing platform

01 Ext.Col.30: support column for Extendo h=3000



**Example of platform for moving by forklift**  
The arm is put in a more compact condition so as to be easily moved by a forklift.

02 Ext.Plat: forklift platform for Extendo



**Extendo on self-standing platform for lifting via forklift, in MINI version**

Solution suitable for moving the structure: in the case shown by the picture the system column + Extendo can be moved together with the power source and the gas tank, but on the platform could be placed also the smoke extractor.



**Extendo MIDI on self-standing platform with basis slewing-ring**

Same platform shown by the picture above, but with also a basis slewing-ring for 360° manual rotation of the column.

## ■ Positioning examples



Some positioning examples, just to show how the arm allows an easy repositioning to multiple workstations.





# GENERAL SUPPLY CONDITIONS

## 1. SUPPLY OBLIGATION ARRANGEMENT

The following general terms of business are always to be considered applicable to every order made by the buyer. Therefore, any supply clause written by the buyer on his orders or any other document given to the seller, which may result to be conflicting with the present general conditions, will be considered not written. The buyer has to forward the orders to the seller in writing. The seller reserves the authority to accept telephone and verbal orders. The order is to be considered executed when the buyer receives the written acceptance of the same (order confirmation) by the vendor or, in the absence thereof, automatically 15 days after the order receipt by the seller. All offers and prices are just an indication and are not binding. Therefore the seller considers himself to be bound only to what is declared in his order confirmations.

## 2. TERMS FOR DELIVERY

The delivery dates indicated by the seller as well as the ones written on the buyers' orders have to be considered just as an indication and are not binding and are subject to the punctual supply by the buyer of all the specifics, to the variations due to the availability of the goods with the suppliers or to reasons of force majeure: delays in the delivery due to said availability variations are not attributable to the seller, who is not in duty bound to the compensation for damages suffered by the buyer. Reasons of force majeure have also to be considered the accidents (industrial injury, disease, etc) and any other circumstances which may cause a total or partial job reduction, as well as the lack of raw materials, troubles with transportation, etc. The seller reserves the authority to suspend the delivery of the goods if the buyer has not seen to the payment of the invoices relative to other supplies whose terms of payment are overdue. The goods are understood as being delivered for all intents and purposes to the buyer from the time they were picked up by the carrier or the buyer himself at the seller's warehouse.

## 3. PAYMENT AND TERMS OF PAYMENT

The payments have to be made to the seller's domicile and in accordance with the established conditions. In the event of a delay, the due amounts of money will automatically imply the charge of interests based on the official discount rate plus 5 points. In the event of a non-payment, the buyer is to be considered in default without the necessity of any formal notice by the seller. The presence of possible faults and/or defects in the products does not excuse the buyer for suspending the payment of the invoices. Should the client suspend and/or delay the payments, the seller may suspend the supplies, with the authority to consider the contract automatically terminated by rights and to demand for damages.

## 4. WARRANTY

CARPANO EQUIPMENT guarantees the products for a period of 24 months starting from the delivery date, for a daily work cycle of 8 hours. The warranty is intended ex works CARPANO EQUIPMENT. CARPANO EQUIPMENT guarantees the performance of its products in accordance with the instructions written in the relative manuals. For the products based on job orders, the warranty is pertaining to the specifics agreed with the client.

## 5. VOID WARRANTY

In case of any tampering or unauthorized intervention the warranty shall be deemed void.

## 6. LIABILITY FOR DAMAGE

The seller's liability is limited only to the obligations above and it's expressly agreed that the seller does not accept any liability for damages resulting from any cause connected with the use and utilization of the sold products.

CARPANO EQUIPMENT is not responsible and for no reason whatsoever may the expenses be charged for:

- Machine downtime.
- Direct or in direct damage due to the non-operation of the equipment.
- Working hours spent to solve possible problems on the equipment.

## 7. RESERVATION OF OWNERSHIP

Until the payment in full of any credit resulting from business relations has taken place, included any additional credit and until the payment of bills and cheques has been made, the property in the goods remains in the seller.

## 8. COMPETENT COURT

It's established that the court of Bologna will be the sole competent court for every dispute relative to this contract.

## 9. APPLICABLE LAWS

The applicable law is the Italian law.



**CARPANO EQUIPMENT Srl**

Via del Legatore, 7 / 40138 Bologna Italy

T. +39 051 6053215 / e-mail: [info@carpano.it](mailto:info@carpano.it)

**[carpano.it](http://carpano.it)**