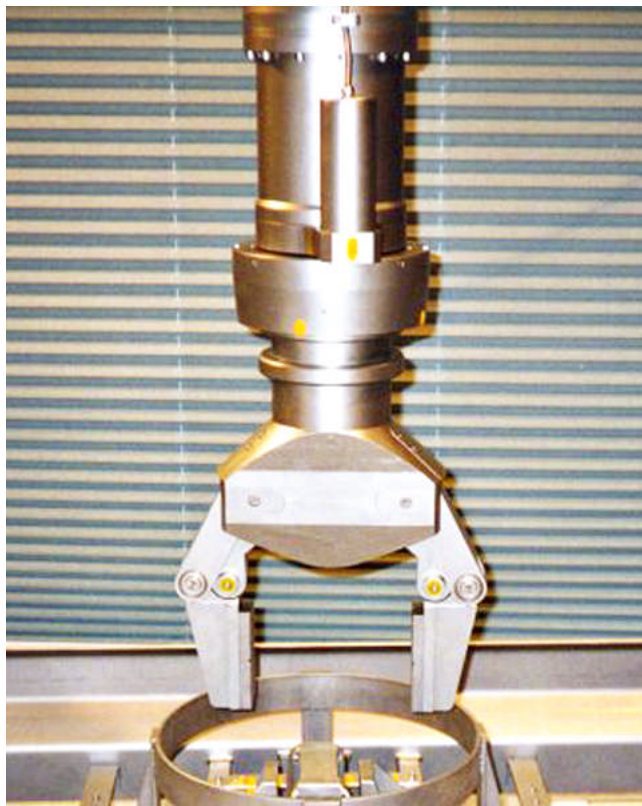


# UNIVERSAL ARM 1000Kg



**UNIVERSAL ARM is a mean of remote prehension moving along a vertical axis, usable in any cell equipped with a lifting device, for heavy interventions and handling of metal elements or not, irradiating or contaminated.**

## DESCRIPTION

UNIVERSAL ARM design is waterproof and stainless steel.

This set consists of the following elements:

- **Prehension**: it is determined according to the lifting unit on which UNIVERSAL ARM will be used.

- **Arm**: it includes, output, a taking of force (maximum permissible torque: 100Nm) with continuous rotation in both directions.

- **Disconnectable Gripper**: it is fitted with 4 lugs for connection to the arm.

The machine is equipped with a lock installed on the arm, moved by an electromagnet, enabling the remote disconnection of the gripper.

UNIVERSAL ARM is automated by an electronic assembly including:

- one electronic box powered by 220V + earth
- one remote control unit connected to the electronic box
- one 5 to 10 meter-cable between the electronic box and the cross-piece (cold side)
- one 15 to 20 meter-cable between the cross-piece (hot side) and the arm

The electronic assembly may receive an optional module to remotely switch and power-up of the electronic box.

## TECHNICAL FEATURES

- Arm height without handle:	
Gripper in closed position	: 980mm
Gripper in closed position	: 970mm
- Gripper Opening	: 220mm
- Gripper Tightening	: 100, 200, 300 or 400Kg
- Opening speed	: 7cm/s
- Closing speed	: 5cm/s pour 100Kg : 7cm/s pour 200, 300 or 400Kg
- Continuous rotation of the gripper in both directions	: 360°
- Low torque rotation	: 1,5tr/mn – 35Nm
- High torque Rotation	: 0,5-1-1,5 or 2tr/mn (output torque: 100Nm)
- Weight of the arm	: 65Kg
- Weight of the gripper	: 36Kg
- Lifting capacity	: 1T
- Power supply of the electronic box	: 220V – 50Hz
- Power supply of motors on the device	: 24 to 48V
- Operating temperature	: 45°C
- Maximum temperature without fan	: 70°C

A stainless steel rack, for the storage of the arm and/or for the connection & disconnection of the gripper, is available on request.