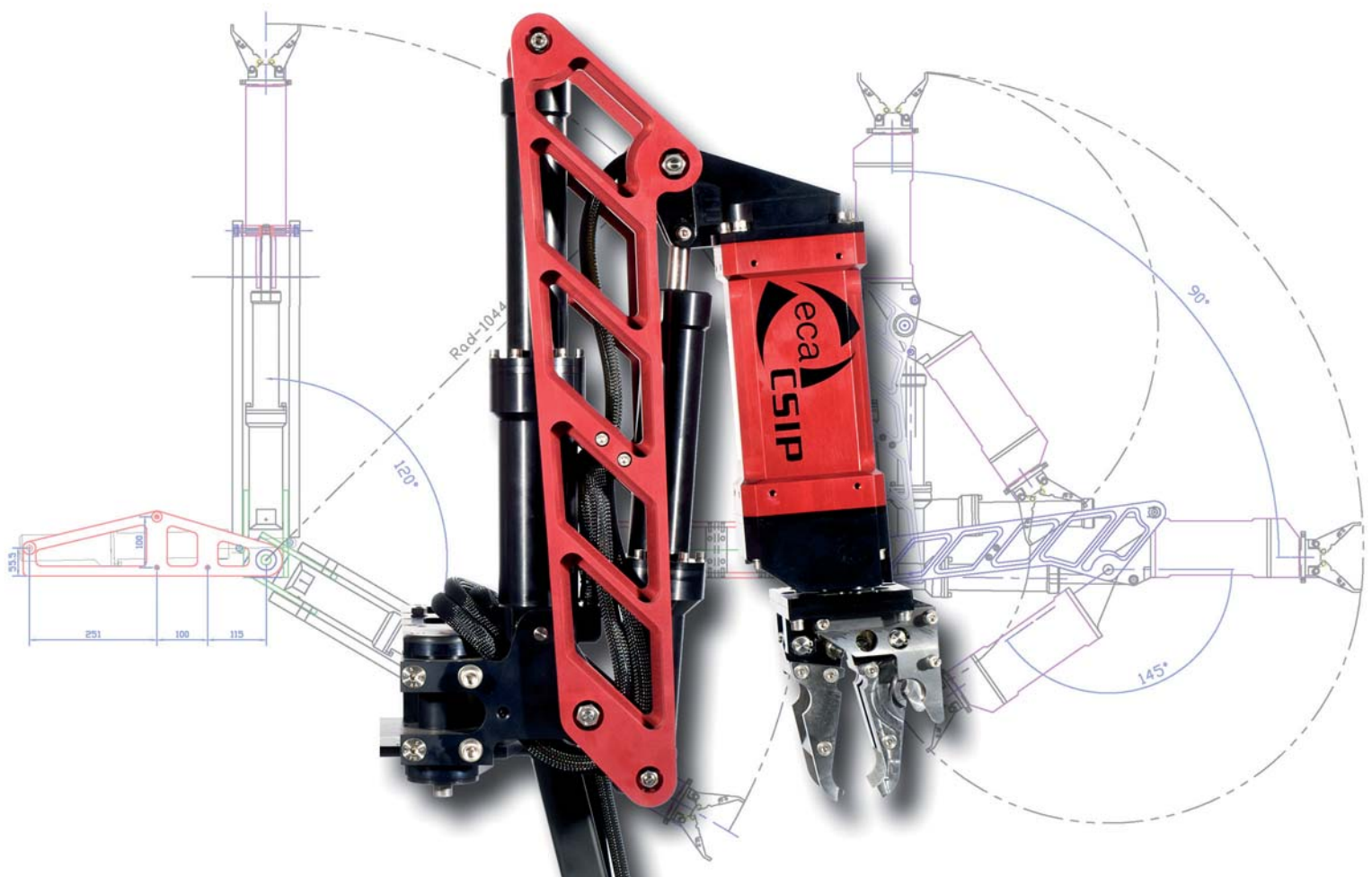




ARM 5E

5 Function **ELECTRIC** Manipulator ARM



The **ONLY 5 function ELECTRIC** Underwater Manipulator Arm existing worldwide.

Offshore & Military applications:

- underwater intervention
- underwater manipulation
- object retrieval
- nuclear environment operations
- EOD
- ecologically sensitive area intervention (oil free version).

ARM 5E

5 Function **ELECTRIC** Manipulator ARM

Main advantages

- Modular construction for easy maintenance / repair on deck
- Depth rating 6000m typical
- Light weight
- Lifting capacity 25 kg
- Oil free version available (300m depth rating)

General characteristics

- **Slew** : 120° LH or RH mounting
 - **Elevation** : 90°
 - **Elbow bend** : 145°
 - **Jaw rotate** : continuous
 - **Material** : 6082 T6 Alloy, hard anodised
 - **Weight in air** : 27Kg
 - **Weight in water** : 18.5Kg
 - **Lift at full reach** : 25Kg @ 24-30 VDC, 4 Amps per function (max)
 - **Jaw pressure** : 60 Kg typical at 4 amps
 - **Typical depth rating** : 6000 metres
 - **Link options** : RS232, RS485, Fibre
 - **Power requirements** : 24-30 VDC
-
- Various jaw options available
 - Integrated camera option
 - Motors brushless DC running in oil
 - All system voids are oil-filled and compensated 0.4 bar above ambient to prevent water ingress
 - System operated via dedicated surface and subsea electronics units, providing full proportional control from stop to full speed