



ARM 5E Mini

5 Function **ELECTRIC** Mini Manipulator Arm



The world's first eco-friendly solution for ROV Operators

- Zero Oil System
- Lightweight 15kg (33lb) in water
- Powered by brushless 24-36 VDC electric motors
- Lifting capacity 25kg (55lb)
- Reach of 850mm radius & a slew of 120°
- Depth rating 300m
- Skid mounted (optional)

ARM 5E Mini

5 Function **ELECTRIC** Mini Manipulator ARM

Designed to a small footprint, the ARM 5E Mini is a Zero Oil System, eliminating any threat of hydraulic fluid leaking into the environment.

- Fits on inspection class ROVs
- Mounted in the same footprint as a hydraulic arm
- No need for a valve pack or HPU
- Dedicated skids to suit customer requirements
- Modularity enables easy repair & maintenance

General characteristics



- **Model** : ARM 5E Mini
- **Reach** : 850mm (33")
- **Weight** : 15kg (33lb) in water
: 23kg (50lb) in air
- **Material** : 6082 T6 Aluminium Alloy, hard anodised
- **Slew** : 120° LH or RH mounting
- **Depth** : Up to 300m (zero Oil System with air Filled Voids) *Deepwater oil version optional, nominal 3000m*
- **Lift** : 25kg (55lb) horizontal at full extension
- **Elevation** : 90°
- **Elbow bend** : 145°
- **Jaw** : Continuous Rotate
145mm (5.5") Opening
Closing force 50kg (110lb) typical at 4 Amps
Integrated soft rope cutter
- **Jaw rotate torque** : 25Nm
- **Skid** : Mounted assembly optional
- **Power requirements** : 24 to 36 VDC 4 Amps

ECA reserves the right to vary the specifications and details contained in this publication

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