

Arm 5E mini

5-function electric mini manipulator arm

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

- Lightweight 15 kg in water
- Zero Oil System (oil filled system available in option)
- Depth rating 6000 m
- Lifting capacity 25 kg
- Powered by brushless 24-36 Vdc electric motors
- Skid mounted (optional)



TECHNICAL SPECIFICATIONS

Capacities

| | |
|--------------------------|--|
| Slew | 120° LH or RH mounting |
| Elevation | 90° |
| Elbow bend | 145° |
| Reach | 850 mm (33") |
| Arm rotate | 332° |
| Wrist pitch | 120° |
| Lift | 25 kg (55 lb) horizontal at full extension |
| Jaw rotate | continuous |
| Jaw opening | 140 mm (5.7") at the tip |
| Jaw rotate torque | >25Nm |
| Jaw rotate speed | ~45 rpm at 36Vdc |
| Jaw closing force | > 50 kg (110 lb) at 4 Amps / Integrated soft rope cutter |
| Skid | Mounted assembly optional |

CHARACTERISTICS

| | |
|---------------------------------------|--|
| Weight | 15kg (33 lb) in water 23kg (50 lb) in air |
| Material | 6082 T6 Aluminum Alloy, hard anodised |
| Power supply | 24 to 40 Vdc 4 Amps |
| Operating depth | Up to 300 m (zero oil system with air filled voids) |
| E Link options | RS232, RS485 |
| Deepwater oil version optional | Up to 300 m |

Zero oil system

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 (available as skid option)
- 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



FRANCE & OTHER COUNTRIES

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