



The ECA Hytec ARM 5E Micro is the world's lightest underwater 5-function manipulator arm, suited to very light ROVs. Low weight manipulator for small ROV's with zero oil system, depth rating for 300m and 10 kg lifting capacity.

## Key Features

- Fits on very light ROVs
- Very lightweight 2.75 kg (6.06 lb) in water
- Zero Oil System (oil filled system available in option)
- Depth rating 300 m
- Lifting capacity 10 kg (22 lb)
- Reach of 640 mm radius & a slew of 120°
- Powered by brushless 24-30 Vdc electric motors
- Skid mounted (optional)

## Specifications

Weight in air/water	10 kg / 2.75 kg total mass / 2.2 kg mobile mass
Materials	6082 T6 Aluminium Alloy, hard anodised Airex C70.200 foam
Power supply	24-30 Vdc / 240 Vac
Operating depth	Up to 300 m (zero oil system with air filled voids) Deepwater oil version optional, up to 3000 m
E link options	RS 232, RS 485
Slew	120° LH or RH mounting

Elevation	90°
Elbow bend	130°
Reach	640 mm (from the slew pivot)
Lift	10 kg at 0.5 Amps at full extension
Jaw rotate	Continuous
Jaw opening	125 mm at the tips
Jaw rotate torque	>10 Nm at 2 Amps
Jaw rotate speed	~49 rpm at 24 Vdc
Jaw closing force	>50 kg at 2 Amps