

Arm 5E

5-function electric manipulator arm

- Optimum compromise performance weight among electric manipulators
- Modular construction for easy maintenance and repair on deck
- Depth rating: up to 1000 m (6000 m available in option)
- Lightweight
- Lifting capacity: 25 kg
- Oil filled
- Cartesian mode available



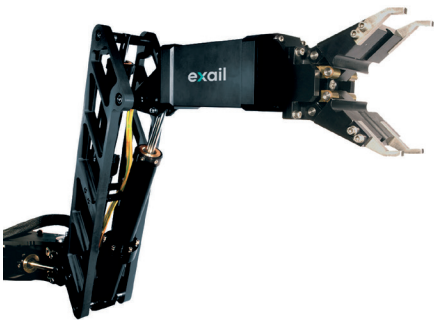
OPERATIONAL PERFORMANCES

Slew	120° LH or RH mounting
Elevation	90°
Elbow bend	135°
Reach	1000 mm
Lift at full reach	Up to 25 kg at 24 VDC
Jaw rotate	continuous
Jaw opening	145 mm at the tip
Jaw rotate torque	15 Nm at 2 Amps
Jaw rotate speed	25 rpm at 24 VDC
Jaw closing force	~60 kg at 4 Amps

- 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

CHARACTERISTICS

Weight of the arm	20 kg in fresh water
	33 kg in air
Material	6082 T6 Alloy, hard anodised
Power supply	24 VDC
Operating depth	Up to 1000 m (6000 m available in option)
E Link options	RS232, RS485, Ethernet (for cartesian mode)



Arm 5E