

Arm 7E

7-function electric manipulator arm

The ultimate electric manipulator

- Modular construction for easy maintenance and repair on deck
- Depth rating: up to 6000 m
- Optimum compromise performance/weight
- Lifting capacity: 40 kg oil filled



OPERATIONAL PERFORMANCES

Slew	120°
Elevation	90°
Elbow bend	145°
Reach	1790 mm
Arm rotate	320°
Wrist pitch	90°
Lift at full reach	> 40 kg
Jaw rotate	continuous
Jaw opening	140 mm at the tip
Jaw rotate torque	>25 Nm
Jaw rotate speed	42 rpm
Jaw closing force	80 kg

CHARACTERISTICS

Weight	69 kg in air
	49.2 kg in water
Material	6082 T6 Alloy, hard anodised
Power supply	24 to 36 Vdc
Operating depth	Up to 6000 m
E Link options	RS232, RS485
Deepwater oil version optional	Up to 3000 m

- 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 and full torque control on each axis

