



ARM 7E

7 Function HYDRAULIC Manipulator ARM



The main strength of the **ARM 7H** is that it can withstand depths of 7,500 meters, a much deeper rating than any other standard manipulator. It is very flexible and agile due to a pincer device at the end of its arm, which enables it to pick up objects as 5mm or as large as 150mm.

The manipulator can rotate continuously and has a closing force of 50kg. The wrist yaw is 90 degrees whilst the forearm can rotate 350 degrees. The arm has a reach of 1.7m and typically weighs 70kg in air.

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Major advantages

- Rate/position feedback options
- Full 7 function capability
- Modular construction for easy maintenance/repair
- Rated for sea-depths of 7,500 meters

General characteristics

- . Model : ARM 7H
- . Reach : 1.7 m (68*)
- . Weight : 31 kg (68 lb) in water 48 kg (106 lb) in air
- . Material : Titanium or Aluminium
- . Slew : 104° left or right (180° option)
- . Elbow : 105°
- . Rotate : Continuous 80ft / lb
- . Stowed : 0.95 m (37.4*)
- . Depth : Unlimited (7500 m standard)
- . Lift : 90 kg (198 lb) Full extension
- . Elevation : 88° standard, other options available
- . Wrist : 90° up or down
- . Jaw : 150 mm / 50 kg (66* / 110lb)
 - . Simple Mounting
 - . Compliance Valve Pack
 - . MOD STD Protection

