

# Crew Access Bridge CRAB



<b>Operating Length</b>	<b>17.0m</b>
<b>Telescopic Travel</b>	<b>+/- 3m</b>
<b>Walkway width</b>	<b>800mm</b>
<b>Vertical Angular range</b>	<b>+/-20°</b>
<b>Slew range</b>	<b>+/- 30°</b>
<b>Landing Load</b>	<b>150kg to 200kg</b>
<b>Max Sea State</b>	<b>3.5m Hs</b>
<b>System Weight</b>	<b>15Te</b>
<b>Power Consumption</b>	<b>25kW</b>

## EFFICIENT—COST EFFECTIVE—SAFE

### Key Features

- CRAB is a motion compensated gangway to enable direct transfer from the support vessel to the turbine Work Platform in high sea states.
- The motion control is a passive counter balance system with a servo assist capstan. This reduces mass, cost and power consumption.
- Inherently safe if system fails
- Control system passive when in manned use
- The bridge is secured to the target structure with an electromagnet.

### What is different?

- Simple control solution
- Lower power demand compared to conventional cantilevered designs
- Less structural mass than established systems which improves response
- Reduced imposed loading on the support vessel
- Patented