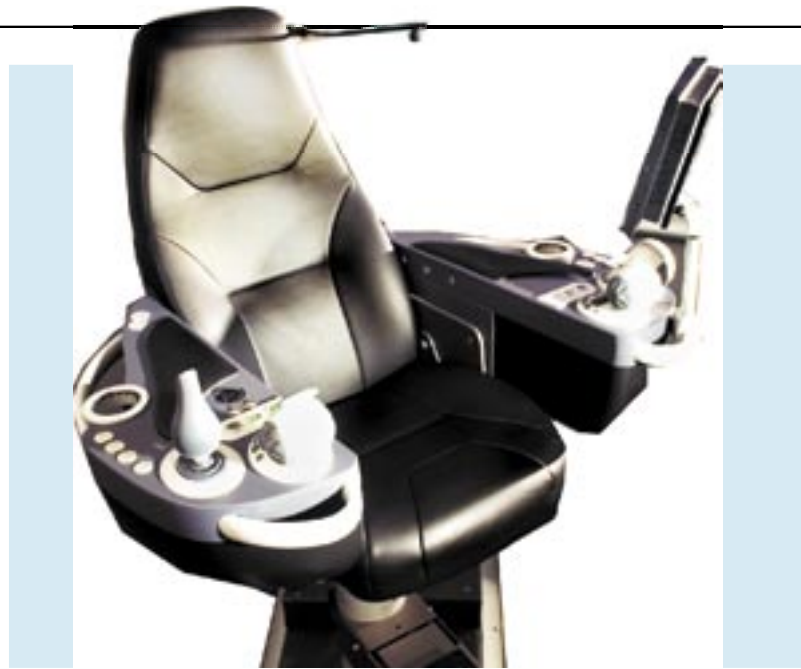


# Operator's Chair

Integrated bridge solutions

The ergonomic design of the chair allows the operator to benefit from the following:

- **Fingertip Functionality**
- **Customised touch screen displays**
- **Unified style of controls**
- **Fully configurable controls integrated into the armrests**
- **Reduced integration ownership & risk**
- **Simplified installation & commissioning**
- **Reduced operation costs**
- **Improved level of safety within the bridge**



*The ergonomic design gives a new meaning to controlling a vessel*



Building on extensive automation and control system experience, Rolls-Royce has further developed its system capability in the supply of integrated bridge systems.

The operator's chair is a major design aspect of the new integrated bridge system, with the focus on the optimisation of the human machine interface. Having been used extensively in the offshore supply and service applications, the operator's chair has proven to reduce operator fatigue when controlling complex vessels over extended periods.

Working with selected partners for navigation and communication systems, the integrated bridge uses customised touch-screen displays and a unified styling of controls and consoles to provide a safe, flexible operating environment. Using the touch-screen an array of information can be displayed, including the potentially wide range of secondary systems such

as VHF communication, lighting, heating and ventilation and wiper control. Management of the full propulsion system can also be included, with ultimate control of manoeuvring provided by incorporating the Poscon family of products ranging from autopilot and joystick systems to station keeping and full capability dynamic positioning.

For designers and builders this approach has the advantage that the integrated bridge and control and monitoring equipment is supplied with the various sub-systems designed to work harmoniously together. Through a single supplier approach, installation and commissioning is simplified and the operational benefits and improved functionality can be realised.

This new approach is the result of rigorous analysis considering performance, safety, reliability, maintainability, capital and operational costs.

# Fact Sheet



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## Technical Data

Height	1465 - 1635 mm
Width	1006 mm
Depth	1192mm
Weight	65kg + deck rail (2m is approx. 50kg)
Swing	+ / - 90 degrees
Deck Rails	Customisable length

Electrical operated chair movement  
24 VDC

Control buttons for moving chair back/  
forwards, up/down

PLC/relay outputs for activation  
i.e microphones for radio/intercom

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## Typical Vessel Applications

- Offshore
  - Merchant
  - Luxury Yacht
  - Naval
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