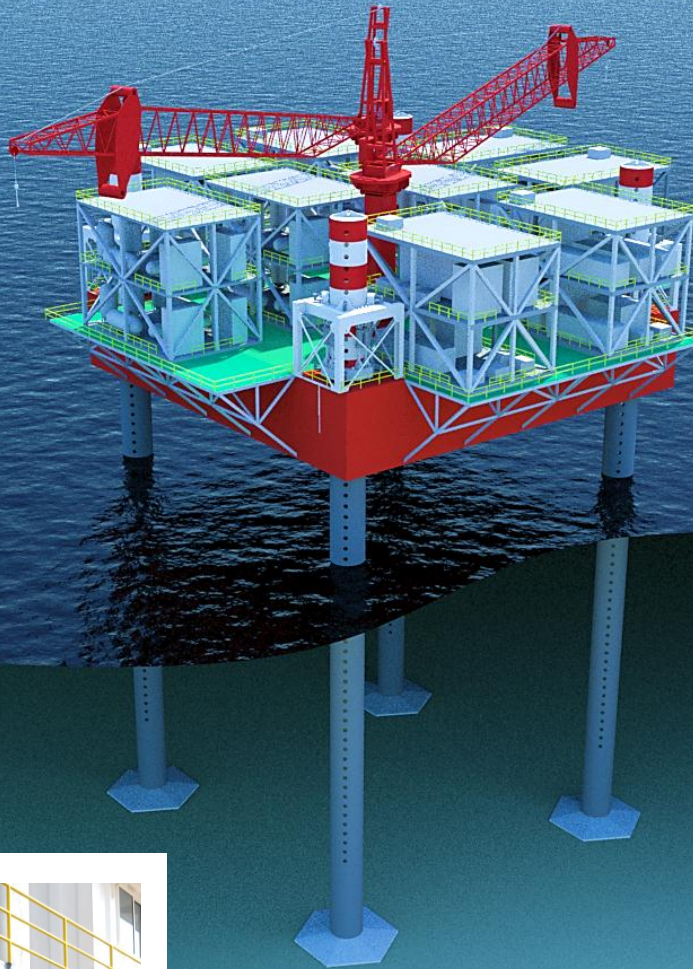


# K4000S SIP

SELF-INSTALLING PLATFORM



**Keppel**

**Offshore Technology  
Development**

## Multi-functional Self-Installing Platform (SIP) for operation in shallow water sites worldwide

Keppel SIP is a series of multi-functional fixed platforms. It builds on the core strength of Keppel jackup design and construction, with track record of more than 100 jackups delivered to date.

### Features of Keppel Minimal Platform

- **Self Installing** – easy, fast and cost effective installation
- Minimal platform providing **cost effective “real estate”** that is easily adaptable for use (**multi-function**)
- **Relocatable and adjustable** for different sites, with a wide range of water depths, soil, and metocean conditions
- **Modular design** allows for fast and efficient design and construction. There is compatibility at subassembly level to provide modular “hull corner kits”
- **Large capacity** individual unit, as well as the ability to combine several units. Reuse of jacking components across several units is workable to further reduce costs
- Flexible topside arrangement and **large open deck** with added ability to utilise internal space
- **Fixation system** allows removal of cylinders

### Typical K4000S Specifications

Hull length overall	50 m
Hull breadth overall	50 m
Depth of hull at side	9.4 m
Leg length	85 m
Spudcan diameter	12.4 m
Longitudinal leg spacing	42 m
Transverse leg spacing	42 m
Leg outer diameter	3.8 m

### Design Environmental Condition 1

Max. water depth	50 m
Max. wave height	10 m
Wave period	10 s
Surface current	1.5 m/s
Wind speed (1-minute average)	30 m/s
Air gap	10 m
Leg penetration	3 m

### Weight and Deck Area

Max topside weight (elevated)	9,000 MT
Max topside weight (jacking)	8,200 MT
Available deck area*	2,100 m <sup>2</sup>
* Extendable using wings	

### Jacking System / Fixation System

Type	Hydraulic pin & yoke
Number of cylinders	32
Number of studs	32
Jacking speed	100 mm/min at working stroke

### Design Environmental Condition 2

Max. water depth	40 m
Max. wave height	17 m
Wave period	13 s
Surface current	1.2 m/s
Wind speed (1-minute average)	36 m/s
Air gap	13.0 m
Leg penetration	3 m



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