

WHERE WE WORK

Supply Bases/Manufacturing Sites

| | | |
|--------------|---------------|----------------------------|
| UK | Europe | Project Specific Worldwide |
| Asia Pacific | Saudi Arabia | UAE |
| South Africa | Azerbaijan | Americas |
| Mexico | Mediterranean | Norway |

ACCREDITATIONS AND AWARDS

The Queen's Award for International Trade/Innovation 2005, and International Trade 2013

East of England Energy Group Innovation Award 2007 for Advanced Drill Cuttings Process System

FPAL Verified Industry Accreditation

SafeContractor

Investors In People – Gold

ISO 9001 and 14001

OHSAS 18001 Safety Standard

WE'VE GOT IT COVERED.

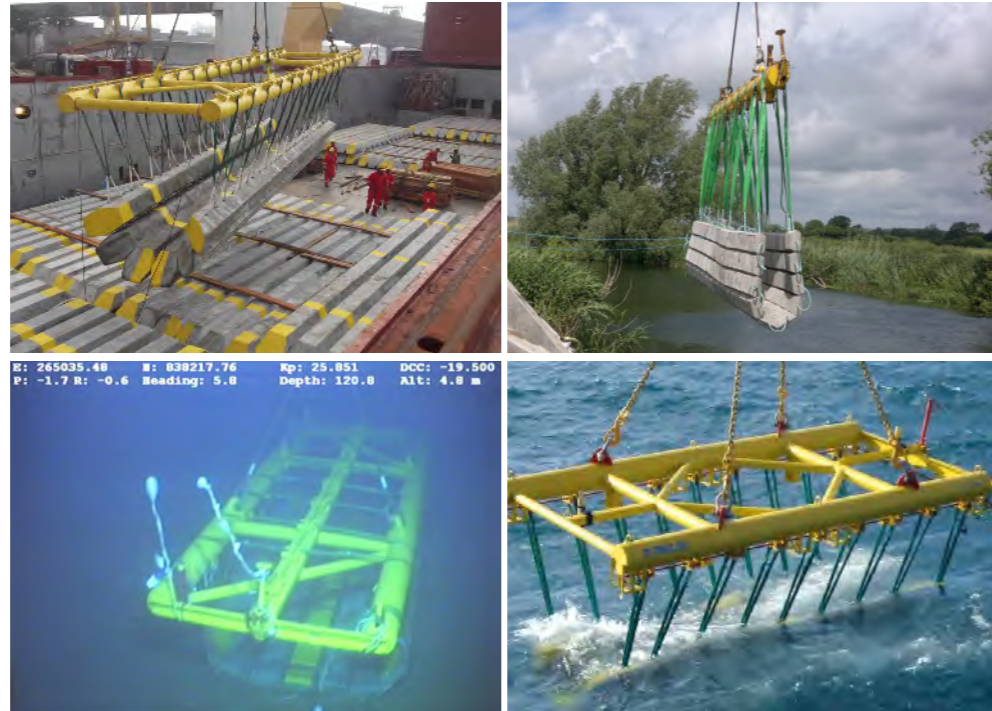
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Frames and Beams / Deployment, Loading & Recovery Systems

FRAMES & BEAMS

Always looking at ways to reduce customers installation costs, Pipeshield International have designed and manufactured a range of quick release lifting frames and beams.



Spreader Frames and Beams

Lifting equipment has been designed, manufactured and tested in accordance with DNV standards to provide correct lifting arrangements of all our products enabling safe and reliable deployment.



Deepwater Frame deploying Uni-Flex mattress with anchoring attachments

ROV Operable Quick Release Systems

The quick release system generally uses a single lever mechanism, originally designed by Pipeshield to provide a simple, safe procedure for either diver or ROV to operate at sea bed.

Hydraulic Powered Surface Release System

If required, most frames can be mounted with a water pressured hydraulic RAM and air pump system that will allow the quick release system to be operated remotely from the deck of the vessel.

Dimensions and Lifting Capabilities

ROV Friendly Quick-Release Frames and Beams

| Length | Width | Weight | SWL Static | Lifting Points |
|-----------------------|-------|--------|------------|----------------|
| 6.0m | 2.5m | 1.8T | 20T | 18No. |
| 6.0 twin lift | 3.0 | 2.5T | 30T | 2 x 18No. |
| 8.0m | 2.8m | 2.44T | 30T | 26No. |
| 10.0m | 2.8m | 2.7T | 30T | 30No. |
| 12.0m HD | 2.8m | 5T | 80T | 26No. |
| 12m twin lift | 2.8 | 3.65 | 30T | 2 x 18No. |
| 7m for deep water use | 2.7 | 1.93T | 20T | 18No. |
| 6.0m Beam | 0.32m | 0.85T | 20T | 18no. |

Additionally we have manual release frames and beams for diver deployment. All frames are designed with a DAF allowance of 2.0 i.e. the ultimate capacity is double the static SWL. The standard tubular framed equipment operates to 200m water depth but the non-tubular frames are suitable for any depth of operation.

DEPLOYMENT, LOADING & RECOVERY SYSTEMS

Speed Loaders

To minimise loading times, Pipeshield's in house design team have developed a speed loader system which is compatible with the majority of our mattress products.

This offers rapid loading of mattresses from quayside to installation vessels. The bases are lifted with a quick release Top Spreader Frame which is common to both the Speed Loader and Wet Storage/ Recovery System.



Wet Storage / Deployment

Using a universal top-frame the Wet Storage Base is capable of deploying a SWL of 66Te payload to the sea bed, e.g.

- 6 No. 300mm concrete mats
- 12 No. 150mm concrete mats

One lift saves time and money rather than deploying each mattress individually. The bases can then be marked with a subsea Top Spreader Frame which is common to both the Speed Loader and Wet Storage/ Recovery System.



Recovery System

For decommissioning and subsequent mattress retrieval, the wet storage base can be used for recovery from subsea to vessel and then direct to transport for recycling at a Pipeshield facility.

The system comprises heavy payload base frames that can be used for multiple mattress installation, wet store and also easily converted into a recovery basket configuration for safe effective retrieval of mattresses or equipment.



Key Features & Benefits

- Dual Purpose Installation and Recovery System - Saving time and money on extra equipment.
- 66 Tonne Payload - Safe multiple mattress installation and recovery through the splash zone.
- Quick release frames and beams making faster and safer release for both diver and ROV operations.
- All equipment is available for hire.



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Outfall



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Contact us to discuss your project today

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