

MODULAR CRANE RANGE

NEWBUILD | S-SERIES | M-SERIES | L-SERIES | XL-SERIES



Modular Crane range Multifunctional

SMST provides a wide range of modular subsea and 3D cranes for deck and offshore operations. The Active Heave Compensation or 3D Motion Compensation system installed on the multifunctional cranes ensures safe and efficient handling, lifting and lowering equipment under rough sea conditions. The modular crane design enables knuckle exchange for diverse tasks, delivering maximum operational flexibility.

Offshore Crane Range

SERIES	S	M	L	XL
SUBSEA KNUCKLE				
Pedestal diam.	1300mm	1800/2200mm	2600mm	3200mm
Max. outreach	20m	25m	35m	45m
Max. SWL	25t	50t	100t	150t
Max. water depth	3000m	3000m	3000m	3000m
3D MOTION COMPENSATED KNUCKLE				
SWL 3D knuckle	n/a	3-5t	5-10t	15-20t



Modular Setup

The SMST modular crane range is available in various executions and combinations:

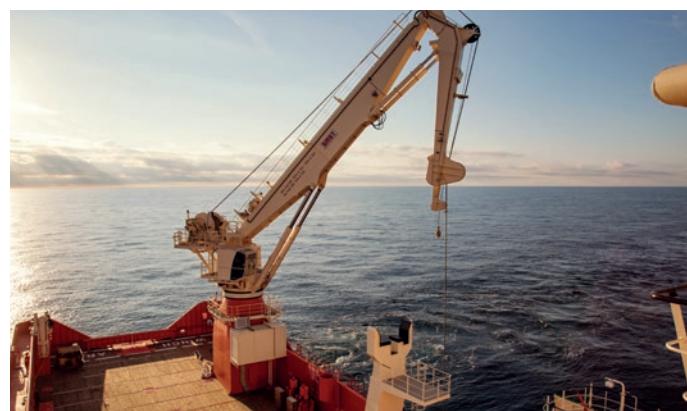
- ✓ Various winches for deck handling up to ultra-deep-water operations
- ✓ Boom configurations: knuckle boom, telescopic boom, fixed boom and 3D motion compensated knuckle boom for operating around wind-turbines and substations
- ✓ Exchangeable knuckle setup for maximum operational flexibility

Key Assets

- ✓ Modular and exchangeable setup
- ✓ High workability
- ✓ Highest level of energy efficiency
- ✓ Precise load control by secondary drive system
- ✓ Intuitive graphical user interface
- ✓ In-house designed control system
- ✓ State-of-the-art object detection
- ✓ Connectivity to SMST remote access system
- ✓ Advanced technology for floating wind
- ✓ Fast commissioning and installation

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smartSERIES

The smartSERIES reflects SMST's vision to continuously develop products and technology that guarantee maximum benefits in various fields.

smartACTIONS

Provides data-driven decision making tools.



- ✓ Remote monitoring
- ✓ Workability reporting

smartENERGY

Minimizes systems' energy consumption.



- ✓ Energy storage
- ✓ Power balancing

smartCRANE

Ensures safe and efficient people and cargo logistics.



- ✓ Modular design
- ✓ Exchangeable knuckles

Contact us

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About SMST

SMST designs and builds turnkey systems for the safe transfer of personnel and cargo for global offshore operations. SMST has the entire process in-house: from design to production, assembly and testing to worldwide installation, service & aftersales.

All SMST's products have a modular-based design philosophy. The complete range comprises modular components that turn into systems that fit all project-specific requirements.

SMST