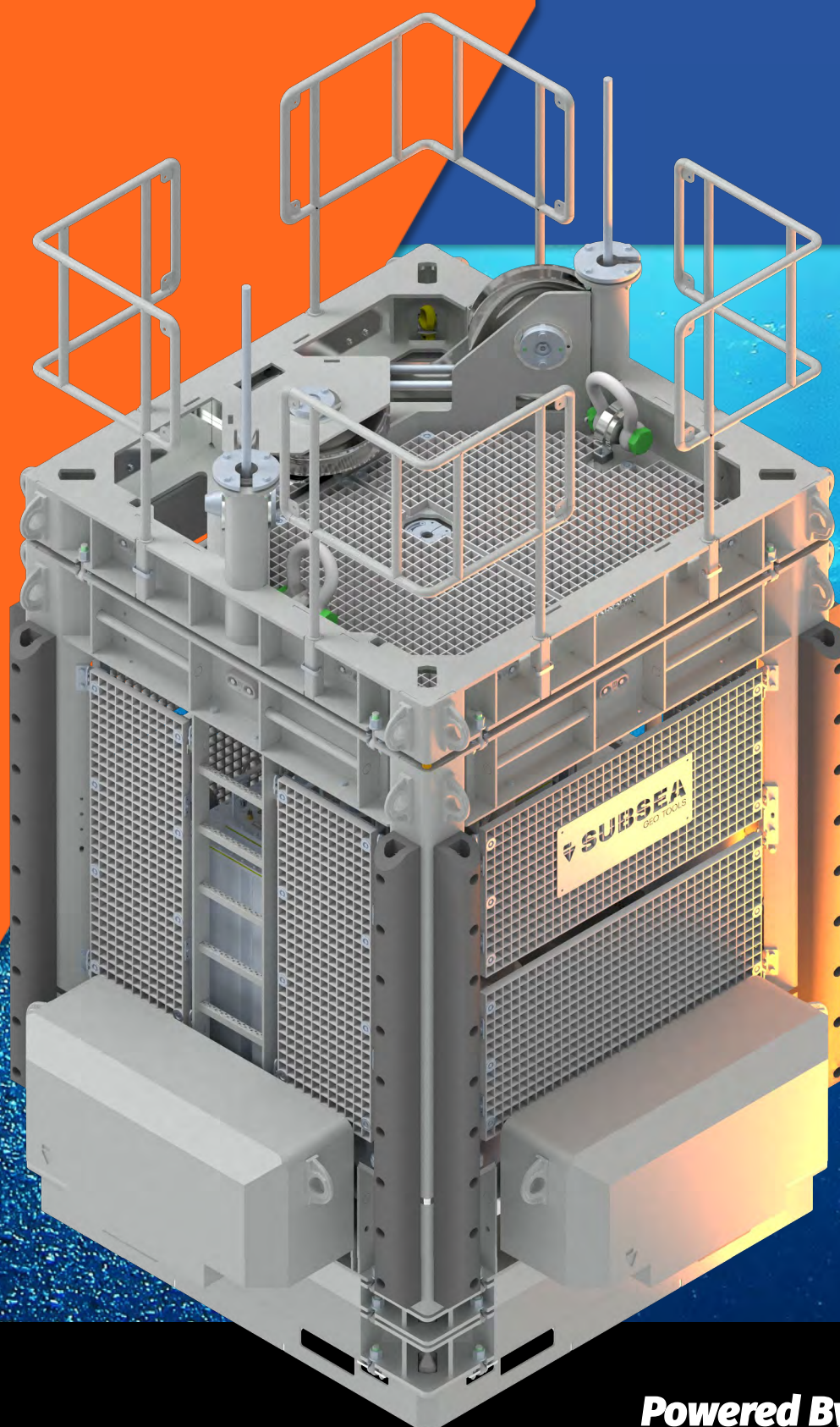


PIONEER CPT300

SEABED CPT SYSTEM



 **SUBSEA**
GEO TOOLS

Powered By
 **Eijkelkamp**
Meet the difference

About Subsea Geo Tools

Subsea Geo Tools was founded in The Netherlands with a simple mission. Redefine subsea geotechnics by providing robust, cutting-edge technology with a service to match. We are committed to supporting our customers through training and support; ensuring your operational excellence. Your success is our mission.

The Pioneer CPT350 System

Balancing cutting-edge technologies and future-proof design with ease of operation and serviceability for maximum uptime; the Pioneer CPT300 sets a new benchmark for subsea CPT.

Engineered for functionality and ease of operation, the Pioneer features intuitive controls, subsea instrumentation, and rapid serviceability to ensure high production on challenging and extended offshore deployment projects.

Modular Design & Subframe

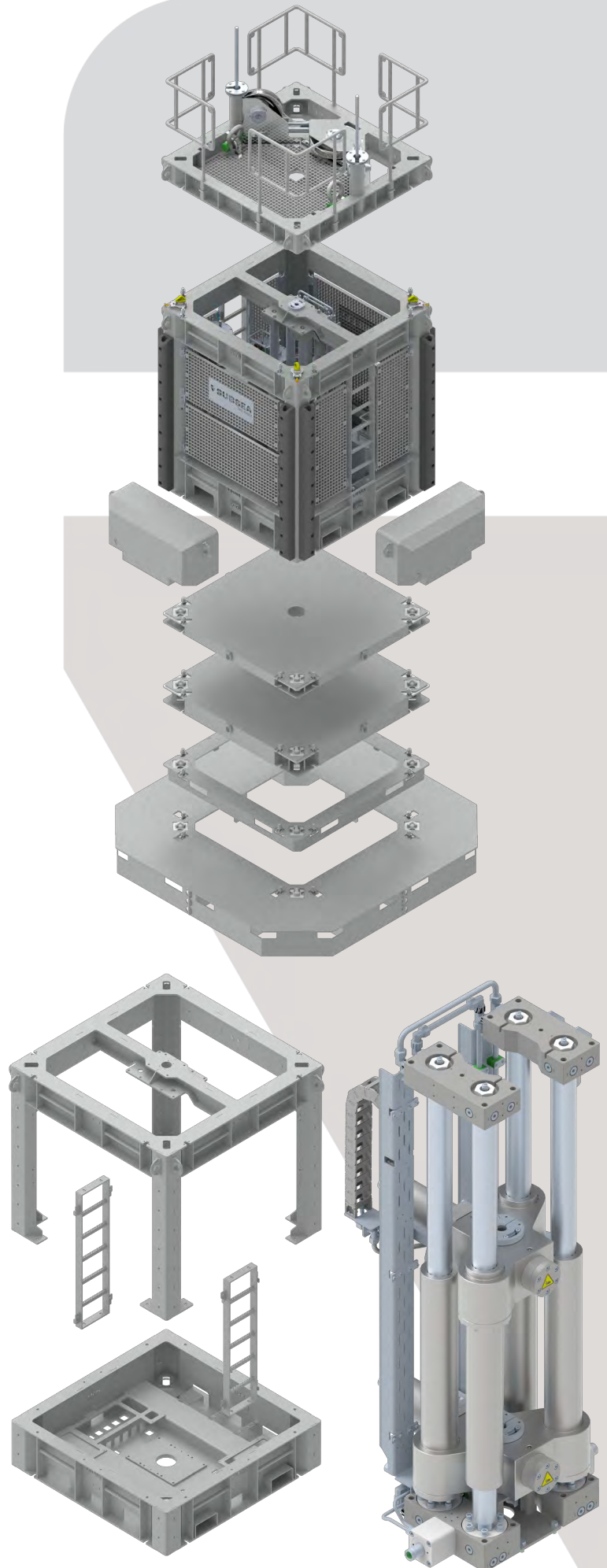
Pioneer is built around an innovative subframe that allows for ease of service and upgradability. Removing a series of locking bolts allows the outer shell to be lifted using the hoist frame, leaving the major components of Pioneer easily accessible on the subframe.

The modular design ensures an adaptable, future-proof system with subsea cable reels, deck and subsea transformers, and seismic sources just some of the modular add-ons available.

Gemini - Dual CPT Pusher

At the heart of the Pioneer is Subsea Geo Tool's dual pusher system, Gemini. Thanks to Gemini, the Pioneer CPT300 can push CPT cones and instrumentation fully continuously at 60 mm/s whilst maintaining a full 200 kN pushing force.

When a greater pushing force is required, the dual pushers within Gemini can work in unison to achieve discontinuous pushing up to 300 kN, making Pioneer a CPT system of unrivaled capability. The integrated catch clamp allows the setting of casing up to 90 mm in diameter providing excellent rod support even in the softest marine deposits.



Product Highlights

- Continuous 60 mm/sec pushing at 200 kN
- Discontinuous pushing up to 300 kN
- User friendly operation and control
- Pushing diameter up to 90 mm
- Separate clamp for setting support casing

General Specifications

Depth rating	Up to 2000 msw standard
Dimensions (L x W x H)	2,100 x 2,100 x 2,175 mm
Minimum weight	6,000 kg
Configurable weight	Up to 38,000 kg
Transport	Standard ISO container
Power requirements	400/440 VAC, 63 A, 50/60 Hz

CPT Performance

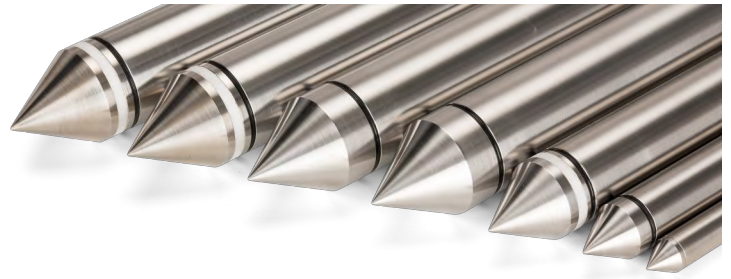
Max. push/pull force	Up to 300 kN
Continuous CPT speed	Up to 60 mm/sec
Push rod diameters	Up to 90 mm CPT rod or support casing
CPT data system	Royal Eijkelpkamp full suite of digital add-on modules

Instrumentation & Tooling

2x HD video and dimmable LED channel	3x proportional hydraulic PTO
Altimeter	2x RS485/CAN configurable inputs
Heading sensor	

Modular Add-ons

Subsea cable reel for 30 m tests
Push in seismic P&S wave source
Deck and subsea transformers for extended umbilical
Submersible crawler for seabed tracking
7.5, 15, 30 and 55 kW constant tension winches
Mobile command center with integrated controls
Push in seabed sampler



Cutting-Edge Digital CPT

Powered By **ROYAL Eijkelpkamp**

Acquiring high quality CPT data relies on a robust supply of highly calibrated CPT cones. Partnering with Royal Eijkelpkamp, a company with more than 80 years of experience as a leading supplier of geotechnical equipment, Subsea provides its customers with the most advanced and future-proof digital CPT system on the market. Eijkelpkamp's CPT system boasts an extensive range of add-on modules, including seismic CPT and HD video capture. All cones are calibrated to the latest ISO standards and Eijkelpkamp's significant investment in calibration facilities allows fast delivery of new and recalibrated cones.

A Complete Turnkey Solution

As well as the base Pioneer unit, Subsea Geo Tools provides all equipment needed for a turnkey geotechnical solution, including control cabins, working spaces, constant tension winches for umbilical handling and rod tensioning, and other geotechnical equipment including our powerful Explorer seabed drill system.



Cutting-Edge Technology, Service That Won't Let You Down

Having industry-leading equipment is only part of the puzzle when it comes to subsea geotechnics. Not only does Subsea Geo Tools provide powerful, robust, and future-proof turnkey geotechnical equipment packages, we support it with service and technical knowhow you can depend on. In challenging environments, with tight deadlines, and when the pressure is on, you need to be equipped with tools and support that will not let you down. That is why customers choose Subsea. If you are ready to take your subsea geotechnics to the next level, then we are ready to help you get there.

As well as delivering equipment, our expert team will be on-hand for commissioning, training and operational support ensuring that you get the most out of your geotechnical operations. To find out more, contact one of our experts.

+31 622 492 199 – info@subseageotools.com



Subsea Geo Tools B.V.

J.G. van der Stoopweg 6 2396 BH
Koudekerk a/d Rijn The Netherlands
T - +31 622 492 199
E - info@subseageotools.com
W - www.subseageotools.com