

## 20ft Control and Power Container

# 20ft C&P Container



All S&A subsea vehicles are supplied with a 20ft ISO standard Control and Power container. The Control and Power Container is designed to provide the operators with an easily maintainable workspace that is also ergonomic.

The Control and Power Container package includes our signature cost effective approach of using off-the-shelf components from suppliers with outlets worldwide. As with all our systems, our 'open source' approach to electrical drawings and parts list provides operators with schematics drawings for commonly modified subsystems like control racks and power distribution.

The Control and Power Container is intended to include everything needed for subsea vehicle operators to [take the hardship out of offshore life](#)

### Control and Power Container

The standard Control and Power Container includes all the features common to subsea vehicles including multiple monitor video wall, 19" rack for PCs/modules/ etc., console for physical controls, segregated high voltage space and power distribution cabinets.

The Control and Power Container is supplied with comfortable marine specification seats with controls built into the arm rests.

The Control and Power Container also features dual HMI units, one for each operator position.

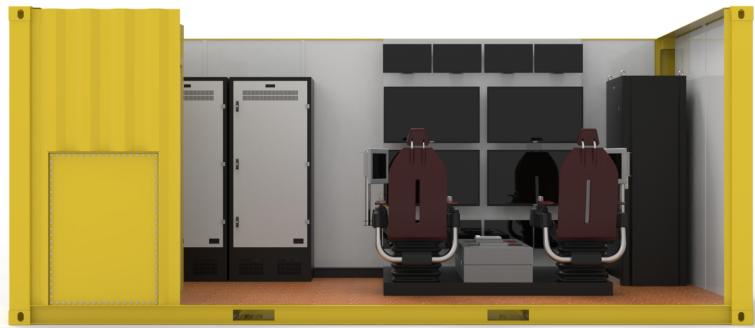
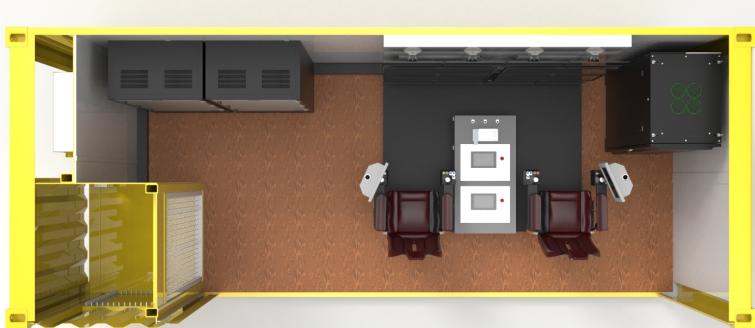


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## 20ft Control and Power Container



### C&P Container Specification

#### GENERAL

- Dimensions Standard ISO dimension (6m x 2.4m x 2.6m)
- Weight in air 2.7Te (typical)

#### POWER

- Main Supply 440V, 50/ 60Hz, 3 Phase, 10kW to 50kW
- Domestic Supply 32A, 220V, 50/ 60Hz, 1 phase

#### COMPONENTS

- 1 off A/C Unit
- 2 off Pilot Seats c/w arm controls
- 1 off central console c/w main PLC
- 2 off HMI units
- 19" rack c/w 2 off SCADA PCs, 1 off AV unit, 1 off KVM unit, 1 off Serial Server, 1 off Video Encoder, 1 off UPS. 1 off NVR unit
- Power distribution cabinets c/w incoming breakers, soft start drive, 440/ 220 distribution, PLC IO control, MPR and LIM monitoring
- High voltage area c/w 440:3300 transformers

#### INTERFACES

- Input/ Output to Survey Team on Bridge
- Clearcoms connections to other vessel areas
- Video capacity for additional feeds e.g. ROV or other deck cameras

### C&P Advantages

- Exceeds industry standard specification while maintaining functionality
- Simple, robust and cost effective
- Ergonomic working Environment
- Easily sourced parts that are commonly found worldwide

