## SUPPORTER 6000.

Our trusted Supporter ROV, designed for ultradeepwater operations.







The SUPPORTER technology is refined from years of operational and "handson" experience by our designers. The top-side control system for KYSTDESIGN ROV's is designed with focus on providing an ergonomic, intuitive and efficient working environment. Single or dual operation stations can easily be configured to individual needs. Operator task priorities can be switched and shared between stations during operation.



The SUPPORTER ROV accommodates up to 41 electrical connectors for interface of external equipment, such as tooling, survey sensors and cameras, and all electrical power supplies are ground-fault monitored. The ROV also accommodates 24 hydraulic functions, all proportionally controlled.

The ROV control system is prepared for a variety of auto functions like AutoPOS and AutoTRACK capabilities, in addition to over-the-horizon control from a Remote Operation Center (ROC) onshore.

## **SPECIFICATIONS, SUPPORTER 6000**

General:	115 16.4 / 150 119
Power	115 Kw / 150 Hp
Depth rating ROV	6000 msw
Dimensions (L/W/H)	2,750 / 1,700 / 1,830 mm
Weight	~4300 kg
Payload	250 kg
Through Frame Lift capacity	3000 kg
Thrusters	7 x SA300
Mechanical Capacity and Inte	irfaces:
Free space inside ROV for	Open area of approx. 350 L through the entire ROV,
utility equipment:	right in front of centre of gravity.
Interface for work modules:	7 /
	Four docking receptacles underneath the ROV.
	Interface for Sensors and/ or modules by threaded
	inserts on all sides of the buoyancy element.
Manipulators:	Interface for Schilling T4, RigMaster and Atlas.
Hydraulic Capacity and Interfa	aces:
Valve Pack No. 1	10 x Bi-directional Valves with proportional flow
	control, each with max flow 10 l/min. Pressure on
	VP controlled by VP No.3.
Valve Pack No. 2	10 x Bi-directional Valves with proportional flow
	control, each with max flow 10 l/min. Pressure on
	VP controlled by VP No.3.
Valve Pack No. 3	4 x Bi-directional Valves with proportional flow and
	' '
	pressure control, each with max flow 90 l/min.
Manifolds	Pressure and return manifolds mounted in front of
	the ROV. 1 x Pilot operated high flow valve with
	max flow 200I/min.
Aux System Capacity	220 bar 120 liter per minute
	220 bar 120 liter per minute
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  nd Interfaces:
	220 bar 120 liter per minute  nd Interfaces:  By default the control pod and telemetry system are
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacit
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  Ind Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels,
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  Ind Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  Ind Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels,
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  Ind Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical
Telemetry/Sensor Capacity a	220 bar 120 liter per minute  Ind Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical
Telemetry/Sensor Capacity a	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's correspond-
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacil in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies:
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution	and Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacil in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.
<b>Telemetry/Sensor Capacity a</b> Telemetry Link	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacil in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution  Tool Interface	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacil in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @ 115VAC. Connector type: Seacon 5506-2008
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacil in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @ 115VAC. Connector type: Seacon 5506-2008  Connectors are prewired for user/survey equipment.
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution  Tool Interface	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacitin a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL. All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @ 115VAC. Connector type: Seacon 5506-2008  Connectors are prewired for user/survey equipment 2 off Min-m-26 Gyro/Utility JB
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution  Tool Interface	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacil in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @ 115VAC. Connector type: Seacon 5506-2008  Connectors are prewired for user/survey equipment.
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution  Tool Interface	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacit in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @ 115VAC. Connector type: Seacon 5506-2008  Connectors are prewired for user/survey equipment 2 off Min-m-26 Gyro/Utility JB
Telemetry/Sensor Capacity at Telemetry Link  Power Distribution  Tool Interface	nd Interfaces:  By default the control pod and telemetry system are prepared for survey operations. Up to 6 fibre optic cables are available for communication. Total capacit in a standard system is 8 composite video channels, 36 serial communication channels and expandable to include 4 HD video channels (all in a single optical fibre). Ethernet, gigabit layer 1 (4 ports) with ethernet switch (4 ports) included. Optional Multibeam PECL.  All power distributed to external users, such as lights, cameras and sensors can be switched on/ off from the topside computer and are equiped with individual fuses. When a sensor is switched off, it's corresponding subsea connector is galvanic isolated. Total available power 30A @ 115VAC. Available supplies: 115VAC, 24VDC, 48VDC, others on request.  Max power consumption available is 20A @ 115VAC. Connector type: Seacon 5506-2008  Connectors are prewired for user/survey equipment.  - 2 off Min-m-26 Gyro/Utility JB  - 4 off Min-k-8 115VAC

Camera and Lights:	
Camera Interface	- 2 HD video camera input
	- 8 composite video camera inputs.
	Connector type: Seacon 5506-1508 or MinL-coax
	Camera interfaces 1 to 9 are prepared for use with
	focus & zoom cameras. Camera interface 10 is a
	combined manipulator communication and camera
	connector. IP video optional. F/Z lines are bipolar/seria
Pan/Tilt	Electrical
_ight Interface	Capacity for ten outputs, maximum total load of
	2300W. Each output secured by 6A breakers, other
	breakers on request.
	'
	Connector type: Seacon 5506-1503
Performance:	
Bollard Pull FWD/AFT	780/770 kg
Bollard Pull LATERAL	710 kg
Bollard Pull Vertical UP	730 kg
Bollard Pull Vertical DOWN	800 kg
Speed FWD	> 1,6 m/ s
Speed LATERAL	> 0,8 m/ s
Pilot Interface:	
· Two identical pilot chairs, wh	here all necessary controls for operating the ROV, TMS
and PDU are integrated in the	e armrests
- 1 off Multiview Controller	
- Monitors	
	ystem, microphone and channel selectors integrated in
- Clearcom communication sy pilot chair	ystem, microphone and channel selectors integrated in
pilot chair	ystem, microphone and channel selectors integrated in
pilot chair	
	Two separate cabinets. One containing breakers,
pilot chair	Two separate cabinets. One containing breakers, contactors, overload relays and signal trans-
pilot chair	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.
pilot chair	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard.
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC
pilot chair  PDU:  Description  Input	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC
pilot chair  PDU:  Description  Input	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC
pilot chair  PDU:  Description  Input  Dutput	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC
pilot chair  PDU: Description  Input  Output  Containers (Option):	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC
pilot chair  PDU:  Description	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC
pilot chair  PDU: Description  Input  Output  Containers (Option):	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC
pilot chair  PDU: Description  Input  Output  Containers (Option):	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC
pilot chair  PDU: Description  Input  Dutput  Containers (Option): ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  ROV HPU 165 KVA, 4200-4350-4500VAC ROV Instrument 10 KVA, 3000-3150-3300VAC TMS HPU 23 KVA, 3000-3150-3300VAC TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned
pilot chair  PDU:  Description  Input  Dutput  Containers (Option):  ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  ROV HPU 165 KVA, 4200-4350-4500VAC  ROV Instrument 10 KVA, 3000-3150-3300VAC  TMS HPU 23 KVA, 3000-3150-3300VAC  TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20' Container manufactured in accordance with DNV 2.7-1 Offshore Containers  - Dimensions: 6058 / 2438 /3000 mm (L/W/H)  - Air conditioned  - 20' Container manufactured in accordance with
pilot chair  PDU:  Description  Input  Dutput  Containers (Option):  ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned  - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers
pilot chair  PDU: Description  Input  Output  Containers (Option):	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  ROV HPU 165 KVA, 4200-4350-4500VAC  ROV Instrument 10 KVA, 3000-3150-3300VAC  TMS HPU 23 KVA, 3000-3150-3300VAC  TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20' Container manufactured in accordance with DNV 2.7-1 Offshore Containers  - Dimensions: 6058 / 2438 /3000 mm (L/W/H)  - Air conditioned  - 20' Container manufactured in accordance with
pilot chair  PDU:  Description  Input  Dutput  Containers (Option):  ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned  - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers
pilot chair  PDU:  Description  Input  Output  Containers (Option):  ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned - 20° Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H)
pilot chair  PDU:  Description  Input  Output  Containers (Option):  ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20' Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned - 20' Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned - Contain workshop, PDU and transformers
pilot chair  PDU:  Description  Input  Dutput  Containers (Option): ROV Control Container	Two separate cabinets. One containing breakers, contactors, overload relays and signal transformers. The other serving as a termination and isolation point for all high voltage connections.  3 phase 400-420-440VAC, 60 Hz as standard. Other input voltage and frequency can be adapted for on request.  - ROV HPU 165 KVA, 4200-4350-4500VAC - ROV Instrument 10 KVA, 3000-3150-3300VAC - TMS HPU 23 KVA, 3000-3150-3300VAC - TMS Instrument 10 KVA, 3000-3150-3300VAC  - TMS Instrument 10 KVA, 3000-3150-3300VAC  - 20' Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned  - 20' Container manufactured in accordance with DNV 2.7-1 Offshore Containers - Dimensions: 6058 / 2438 /3000 mm (L/W/H) - Air conditioned