SUPPORTER 3000.







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 3000

115 Kw / 150 Hp 3000 msw
3000 mew
3000 IIISW
2750 / 1700 /1650 mm
3600 kg
400 kg
3000 kg
7 x SA300
faces:
Open area of approx. 350 L through the entire ROV,
right in front of centre of gravity.
Four docking receptacles underneath the ROV.
Interface for Sensors and/ or modules by threaded
inserts on all sides of the buoyancy element.
Interface for Schilling T4, RigMaster and Atlas.
ces: 10 x Bi-directional Valves with proportional flow
control, each with max flow 10 l/min. Pressure on
VP controlled by VP No.3.
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10 x Bi-directional Valves with proportional flow
control, each with max flow 10 l/min. Pressure on
VP controlled by VP No.3.
4 x Bi-directional Valves with proportional flow and
pressure control, each with max flow 90 l/min.
Pressure and return manifolds mounted in front of
the ROV. 1 x Pilot operated high flow valve with
the NOV. 1 X1 not operated high now valve with
max flow 200l/min.
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Camera and Lights:	
Camera Interface	8 composite video camera inputs.
	Connector type: Seacon 5506-1508 or MinL-coax
	Camera interfaces 1 to 7 are prepared for use with
	focus & zoom cameras. Camera interface 8 is a
	combined manipulator communication and
	camera connector. HD interface is optional. F/Z
	lines are bipolar
Pan/Tilt	Electrical
Light 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	
Speed FWD	> 1,6 m/ s
Speed LATERAL	> 0,8 m/ s
Pilot Interface:	
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