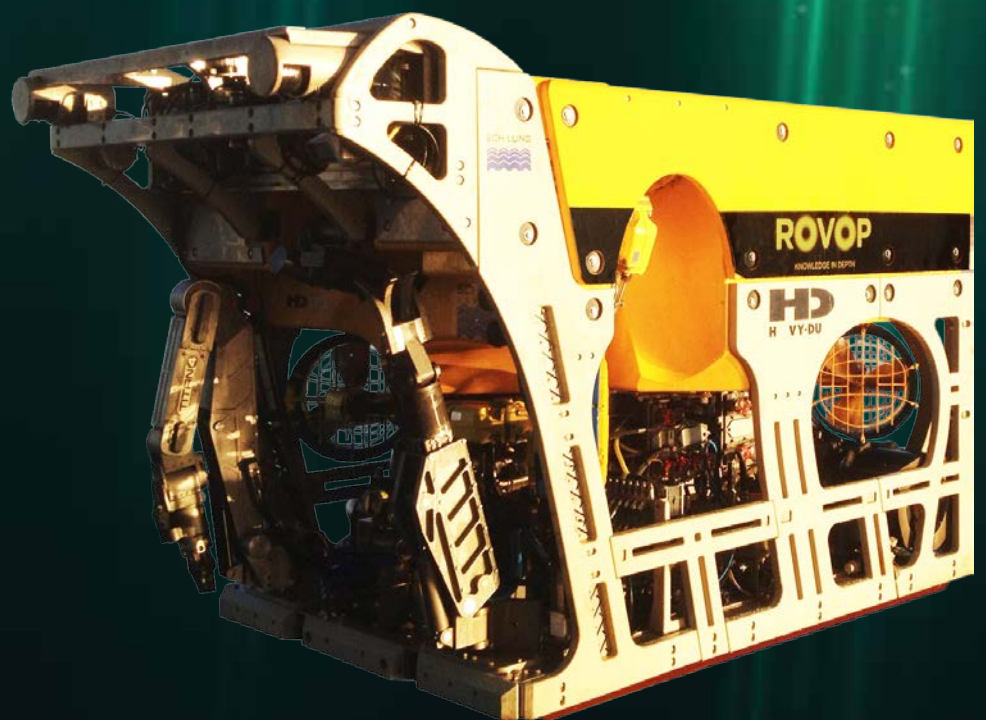


TECHNICAL SPECIFICATION

SCHILLING
ROBOTICS
HD WORK
CLASS
ROV
SYSTEM



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ROVOP
KNOWLEDGE IN DEPTH

TECHNICAL SPECIFICATION

SCHILLING ROBOTICS HD WORK CLASS ROV SYSTEM

MODEL

Schilling Robotics HD Work Class

MANUFACTURER

Schilling Robotics

PERFORMANCE, PEAK THRUST

Forward/Aft/Lateral 900kgf
Vertical – Up/Down 850kgf

EQUIPMENT FIT

Manipulators
Low Light Camera
Color Zoom Camera
Docking Camera
Depth Sensor
Heading & Dynamic Motion Sensor
Doppler
Strobe
Sonar
Lights (8)
Pan and Tilt (2)
Valve Pack (2)
Hi Flow Valve Pack (1)

PROPULSION

HPU
Main Pump
Nominal Operating Pressure
Thrusters
System Flow, at 3,000psi

HYDRAULICS – AUXILIARY CIRCUIT

Auxiliary Pump
Nominal Operating Pressure
Maximum Flow, at 3,000psi
Spare Functions

SYSTEM POWER REQUIREMENTS

500KVA 3-Phase 440V / 60Hz

SPECIFICATIONS

Depth rating	3000msw
Length	2500mm
Width	1700mm
Height	1900mm
Payload	250kgs
Safe Working Load	6700kg
Through-Frame Lift	3000kg
Weight In Air	3500kg
Vertical DAF	3.0
Horizontal DAF	1.0
(DAF – Dynamic Amplification Factor)	
Schilling T4 7F and Rigmaster 5F	
Bowtech	Explorer
Bowtech	Surveyor
Bowtech	Miniature
Digiquartz	8000B - 1
CDL	Fibre Optic Gyro
RDI	Navigator 1200kHz
Novatech	ST400 AR
Tritech	DST
ROS	MVLED 26VDC
Schilling	Electric Programmable
Sub Atlantic	8 Function
Schilling	3 Function

150shp	112kW
Linde	135cc
207Bar	3,000psi
Sub Atlantic	SA380-40x7
216LPM	57GPM

Rexroth A10VSO	45cc
207Bar	3,000psi
72LPM	19 US GPM
	11

Key performance figures include Station Keep Dynamic positioning capability as standard, tightly integrated with accurate power management and thruster feedback. The integrated modular design philosophy enables rapid maintenance in the field, with change out of key modules of the HPU and power supplies possible in under one hour.