

ROVJET 207 – Remotely Operated Vehicle



Specifications:

Vehicle

- Configuration: Free Swimming or on track
- Total Power: 150kw (200hp)

Work Capability

- Operating Depth: 2600m (8530')
- Post Lay Inspection and Burial Operations (PLIB)
- Deep sea work/survey
- Offshore oil and gas support

Main Burial Tool

- Main jetting tool with HP and LP for depth of burial
- Depth control: 0 – 1500mm with main swords
- Maximum Pressure: 7bar (104Psi)
- Transducers: Depth, Pressure, Depressor Height, Cable Detection

Thrusters

- Horizontal: 4 x 300mm dia.
- Vertical: 4 x 300mm dia.
- Control: 8 Servo valves fit inside the intelligent Thrusters Control Unit

Particulars Cont.

- Length: 4108mm (161.7in)
- Width: 3277mm (129in)
- Height: 2440mm (96in)
- Speeds:
 - fore & aft: 6.48km/h (3.5knots)
 - lateral: 4.82km/h (2.6knots)
 - On tracks: 50 to 2000m/hour
 - PLIB - Inspection: 200m/h
 - PLIB - Burial: 150m/h
 - PLIB - average of 20h/day
- Tractive effort: 600kg
- Weight in Air: 7,000kg (15,400lbs)
- Ground Pressure: 4kPa
- Cameras: 2 x Colour Zoom/Focus camera, 2 x CCD monochrome, 1 x Low light Camera
- Lamps: 8 x Sea torch LED light – SS182
- Echosounder: Trittech PA500: 6-S
- OA Sonar: Trittech Super Seaking DFS
- Heading Sensor: Flux Gate Compass
- Cable Tracker: Dual track (TSS440/TSS350)
- Manipulators: 1 x Schilling Orion Rate Controlled, 1 x Ldtravocean 5R
- Cable Cutter: Webtool HCV100
- Cable Clamp: LDTravocean and Schilling Development Inc.