

# ROV SUPER-ZIP JETTING PUMP

REMOVAL OF DRILL CUTTINGS  
WORK CLASS ROV'S  
SMALL AND COMPACT DESIGN



## Description

The Super-Zip Jet incorporates many technical advantages over the previous generations of ROV suction and jetting systems. These advantages are a direct result of customer feedback. Considerable emphasis has been placed on increasing efficiency in both the suction and jetting modes.

The Super-Zip Jet will not block or jam because there are no moving parts on the dredging side of the system. Power is derived from a stream of high velocity fluid creating a low-pressure region behind the suction nozzle. The pump may be rapidly switched from suction to jetting mode.

The Super-Zip Jet incorporates several design features, which improve its reliability and substantially reduce its maintenance costs.

## Typical Operations

- Break up seabed muds and sands
- Removal of drilling cuttings
- Jetting Operations

## Features

- ROV Mounting system
- Modular pump core
- Multiple mounting configurations
- Robust and compact design
- Will not block or jam
- Easy in-field maintenance

# SPECIFICATIONS

## ROV SUPER-ZIP JETTING PUMP

### General Technical Specifications

Type	ROV Super-Zip Jetting Pump
Part Number	SUPER-ZIP
Dimensions L x W x H	460 mm x 440 mm x 365 mm
Weight in air / submerged	~25 kg / ~11 kg

### Hydraulic

Max Input Pressure Motor	150 - 220 Bar
Max Input Flow Motor	40 – 60 L/min

### Actuator

Minimum Pressure	110 Bar
Maximum Pressure	240 Bar

### Output

Jetting Performance	1000 L/min @ 2 Bar
Suction Flow	30 L/min

### Hydraulic Fittings

Motor A & B	JIC #12 male
Motor Case Drain	JIC #6 male
Actuator Connection	JIC #4 male

### Check Valve

Normal	Tritech Volvo Protector Assembly
Alternative	Integrated Hydraulics FPR-1/22-0.5 (Cracking pressure 0.5 Bar)

### Hose Dimensions

Jetting	25.4 mm ID
Discharge	100 mm ID
Suction	75 mm ID
Clean Water Inlet	100 mm ID

### Depth Rating

MSW 3000

