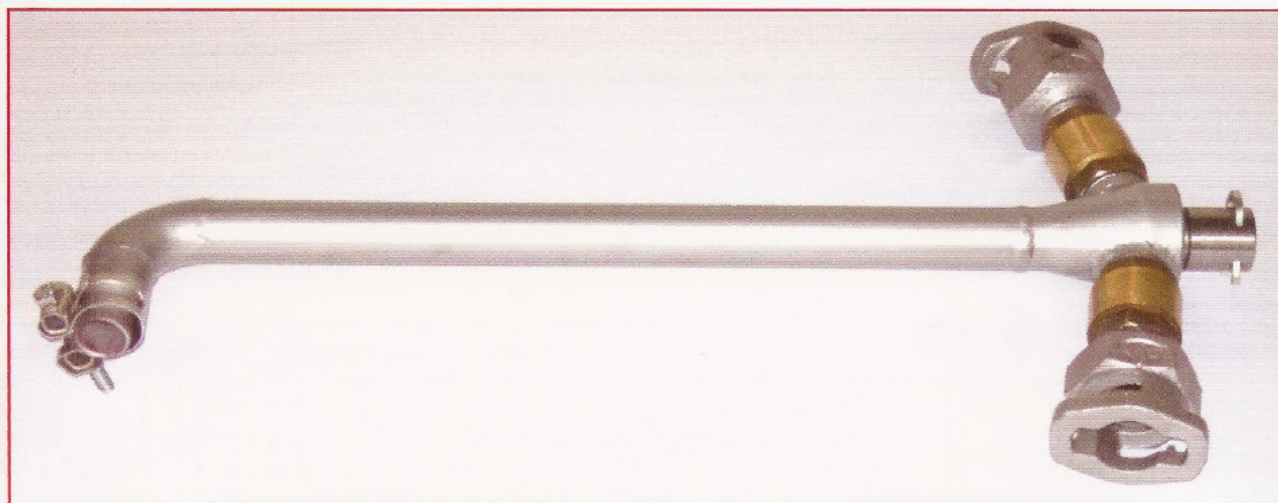

JET PUMPS

*FOR DEWATERING WORKING AREAS AND
RECIRCULATING ROCKDRILL EXHAUST WATER*



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INNOVATION IN MINING

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APPLICATION

The Novatek hydropowered jet pumps are used for:

- General dewatering in working areas
- Recirculating rockdrill exhaust water (with special inlets with non-return valves)

in applications where simplicity and run-dry capability is required.

The Novatek jet pumps use hydropower water as the motive fluid; a jet causes a venturi effect, sucking in and pumping the waste water. Note that the pump should only be used to move fluid against a low head.

For general dewatering:

- The pump has no moving parts and can run dry without problem.
- Fairly large particles may be pumped without problem.
- Various sizes may be made to suit specific applications.

For recirculating rockdrill exhaust water:

- The pump has connections for the drill exhaust hoses, with non-return valves to prevent return flow.
- The exhaust water can be kept clean and returned to the pump feed tank.
- The standard size will serve 2 rock drills.

SPECIFICATIONS

Supply pressure Max (MPa)	18		
Supply Inlet fitting	NW 13 F staple-lock		
Mass (kg)	Standard dewatering – 2.0 Standard drill recirculation – 4.0		
Length (m) excl hoses	Typical 0.6		
Materials	Stainless steel, hose		
Type and Size	Nominal Supply Flow at 16 Mpa	Typ Flow (incl supply) at 30 kPa head	Max Head at no Flow
Drill Recirculation – 2 to 3 drills	10 ℓ/min	120 ℓ/min	85 kPa
General dewatering – 120 ℓ/min	10 ℓ/min	120 ℓ/min	85 kPa
General dewatering – 180 ℓ/min	15 ℓ/min	180 ℓ/min	85 kPa
General dewatering – 240 ℓ/min	20 ℓ/min	240 ℓ/min	85 kPa
Note that some variation due to supply pressure, backpressure and nozzle condition is to be expected.			

Note that specifications are subject to change without notice. Products are subject to patent protection.