
WATER JETTING GUN

FOR FACE CLEANING WITH OR WITHOUT SCRAPERS





APPLICATION

The Novatek hydropowered water jetting gun is used for:

- **Cleaning blasted rock from production faces.**
 - On steep dips, it can be used without a face scraper.
 - If used with a scraper, it greatly reduces overall cleaning time.
- **General cleaning where the powerful jet can be used without danger to persons or equipment, eg. Under conveyors.**
- **To assist with barring down and scaling. Note that it does not replace barring down tools.**

The Novatek jetting guns use hydropower water as the motive fluid; a powerful and concentrated jet causes a high impact force on the target and the water flow also assists in moving rocks and particles by partially fluidizing them.

Note that the water used is not recirculated; pump and water reticulation design should cater for this.

Features:

- Nozzles are made of tungsten carbide for a long wear life. The nozzle size may be changed in the workshop to suit the operating pressure and required flowrate.
- The trigger includes a safety catch to prevent accidental operation.
- Adjustable handle position.
 - This also serves as a footrest /guide for seated operation.
 - Additional guard may be added to handle for seated operation.
- Chest plate may be supplied as an optional extra.
- Low trigger force and progressive trigger action for excellent controllability

SPECIFICATIONS

Supply pressure Max (MPa)	18 MPa		
Supply Inlet fitting	NW 20 F staple-lock		
Mass (kg)	Standard – 5 kg. (7 kg with breastplate & footstrap)		
Length (m) excl hoses	Standard – 825 mm. (935 mm with breastplate)		
Materials	Stainless steel. Tungsten carbide nozzle.		
Data at 16 MPa for Nozzle Diameter of mm	Nominal Supply Flow l/min	Reaction force kg	Power Consumption kW
2,5	50	14	13
3	71	20	19
3,5	97	27	26
4	126	36	34
	Contact Novatek for data at other pressures and nozzle sizes. Note that some variation due to supply pressure and nozzle condition is to be expected.		

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