
HYDROPOWERED CHAINSAW

(Cheetah components)

FOR CUTTING TIMBER UP TO 300 MM DIAMETER



APPLICATION

The Novatek hydropowered chainsaw uses a Cheetah frame, blade and chain, powered by a Novatek pelton motor and lubrication system. It is designed for cutting of timber supports in working areas equipped with hydropower.

The Novatek-powered chainsaw has the following features:

- It incorporates the advantages of the Cheetah saw, namely:
 - Well established in the industry.
 - Self-levelling frame.
 - Patented automatic chain tensioning achieved by simply releasing and retightening a single nut, no operator adjustment is required.
 - Light weight and portability.
 - Standard tool steel or optional tungsten carbide tipped chain.
- Direct injection of chain lube. The Novatek lubricator automatically applies chain lubrication during each cut.
- The Novatek pelton motor provides a simple and powerful drive for quick cutting and water flushing of woodchips.
- The motor is controlled via a simple trigger valve based on a proven robust design incorporating a safety catch – operated with one hand while the other hand is used to feed the saw into the cut.
- Heavy duty cage encloses all components and hoses, allowing the saw to withstand harsh mining conditions.

SPECIFICATIONS

Working flowrate (l/s)	Typ 0.7 at 16 MPa
Max working pressure (MPa)	18
Inlet fitting	NW 13 F staple-lock
Chain bar length (inch)	16" (406 mm)
Max cutting diameter (mm)	325
Lubricator capacity (l)	0.5
Overall dimensions (mm)	920 long x 500 wide x 600 high (closed)
Mass (kg)	27
Materials	Stainless steel, aluminium, steel frame parts, polymer seals, o rings
Noise level (dBA)	Approx. 101 dBA at 1m, cutting in semi free field conditions
Typ cutting time (s)	4-6 s on 200 mm diameter mine standard stick

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