MAGNUM AUSTRALIA

ANAID NOMINEES PTY LTD ACN 004 924 994

Magnum Storm – Fire Fighting Robot
SPECIFICATION

POWERED BY:
Water Cooled 22 Horsepower Diesel Engine driving a triple pump. 1 pump is used for each track. 1 pump is used for all other functions.

TRACK DRIVEN BY:
2 off 65 cc/rev motors driving through epicyclic gearboxes with ratio 5.25:1.
Gradient capability up to 60%.

TRACK DRIVE HYDRAULICS:
2 x 8 cc/rev gear pumps. Track motor displacement 65 cc fitted onto 5.25:1 ratio epicyclic gearbox. Relief valve setting 105 bar (1500 PSI). Tank capacity 35 litres

RADIO REMOTE CONTROL:
Three Transmitter installed into hand held box
1 transmitter operating tracks and movement on water cannon.
1 transmitter controlling all switching functions
1 transmitter controlling the engine

MONITOR
Hydraulic operated 350 degree up and down left and right operated by hydraulic motors movement is controlled by radio remote control.

MONITOR HYDRAULICS
1 x 8 cc /rev gear pump using series valve to control functions. Relief valve setting – 50 bar (700 PSI).
Track drive and functions use a common 35 litre tank. All oil is returned to the tank via 10 micron absolute filtration. Filling is via the 10 micron filter s

TECHNICAL DATA:

GROUND SPEED:	Adjustable up to 4 kilometres per hour using engine speed
Weight	950 kg
Static capacity:	1400 kg
Dynamic capacity:	850 kg
Ground Pressure:	0.32kg/cmq
Torque up to:	82.5 daNm

DIMENSIONS:

Length overall:	1600 mm
Length track:	1165 mm
Width:	1200 mm
Track width:	180 mm
Track height:	300 mm
Maximum ground clearance:	180 mm

OPTIONS AVAILABLE

- Director Nozzle (Standard)
- Hydraulic Rewind hose reel for lay flat hose (Standard)
- Fog Jet Nozzle (Option)
- Elevating / Extended Out Water Cannon height up to 4 metres available (Option)
- Protection Spray using Water (Option)
- Tow Bar (Option)
- Foam System using Trailer (Option)
- Hose Reel suitable for 25 mm Hose (Option)
- Air Cooled Diesel Engine (Option) Note altitude is critical for this function
- Trailer (2000 litre water capacity)
- Front and rear camera to view operation