

GUARDIAN G1M SINGLE AXIS MECHANICAL WASH DOWN SYSTEM



BEFORE



AFTER



For more information and other products, please contact us.

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PRODUCT INFORMATION



GUARDIAN G1M

The Guardian G1M single axis mechanical wash down system developed by Innovative Mining Services is a tool built to aid operators in washing down concrete surfaces.

The water powered system has adjustable rotation limits settable between 5° and 360°. The design of the system means it's perfect for use in harsh environments – the unit is fully enclosed and has a unique nozzle design that can't be obstructed by product buildup. The system has automatability via local control or SCADA programmed control.

Multiple mounting options including a mobile trolley means the unit can be installed permanently in any area or can be deployed temporarily to combat spillage while maintenance tasks are being prepared. The system is complete with puncture proof tyres and auto lubrication options for maximum reliability.



WATER SUPPLY

Water input	1 1/2" BSP		
Working pressure	2.4-7.9 Bar	240-790 kPa	35-115 psi
Flow	161-526 lit/min		
Nozzle Ø (mm)	12mm, 14mm, 16mm & 18mm		
Working radius	10-16m		

PARTS

ITEM	PART No.	DESCRIPTION	QTY
1	10-22100A	G1M-CANNON-SERVICE PART	1
2	10-22110	G1M NOZZLE KIT-SERVICE PART	1
3	10-22120	GEAR BOX + BUSH-SERVICE PART	1
4	10-21320A	G1M WET KIT ASSEMBLY-SERVICE PART	1
5	30-00030A	CUSTOM NOZZLE-170-PP	1
6	30-00020*	R-CLIP 35mm * < SN-375	10
7	30-00170	R-CLIP 57mm	10
8	20-00140	CAMLOCK TYPE A-150-AL	1
9	20-00160	CAMLOCK TYPE D-150-AL	1
10	90-00050	HAND NUT-M10-20	3
11	90-00040	HANDLE 170mm-PLASTIC	2
12	90-00060	GREASE-PENRITE MARINE-LITHIUM-450g	6
13	90-00010	PUNCTURE PROOF WHEEL-215-20mm	4
14	90-00020	MOULDER GRIP SET 130-21mm	2
15	60-00380	TROLLEY REAR FOOT	1
16	60-00400	TROLLEY FRONT FOOT	2

PRODUCT INFORMATION

GUARDIAN G1M-PRO

The Guardian G1M-PRO retains all of the features of the G1M, plus more:



FEATURES	G1M	G1M-PRO
Salt corrosion resistance	✗	✓
Caustic application	✗	✓
Auto lubrication	Option	✓
Surface protection	Powder Coat	2 Pack Paint or Galvanised
Mobile or fixed option	✓	✓
Automatability	✓	✓

- Developed for use in high alkaline applications
- Maintenance free solution
- Increased life

GUARDIAN G1M & G1M-PRO OPTIONS

MOUNTING



MOBILE TROLLEY



POST MOUNT



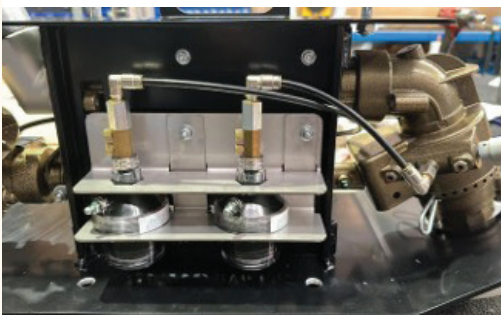
WALL MOUNT



FLOOR MOUNT

AUTO-LUBRICATION

- Six months lubrication intervals
- Increased time in service
- Reduced maintenance
- Improved durability



TIMER

- Powered by rechargeable 18VDC 5AH battery
- Run time from 5-60 minutes
- Manual and timed operation modes
- Push button start and stop





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