

STANDPIPE SYSTEMS

RAPID & SAFE DEPLOYMENT

Our standpipes are custom designed and built to meet the client and site specific requirements.

At the core of our work is delivering turnkey solutions that require minimal set up and offer ease-of-use for operators. This is why our standpipes provide rapid assembly and can be remotely operated using a stop/start controller.

Available as both temporary or permanent solutions, our standpipes are used for transferring water from storage areas such as turkey nests, dams, and ponds.





WHY ALLIED PUMPS?

At Allied Pumps we provide end-to-end solutions, starting from design and manufacturing, all the way to testing and installing.

With approximately 15,000 m^2 of workshop facilities, we can handle high capacity projects and deliver them on time. Allied Pumps has a proven track record with Tier 1 mining companies operating in Australia and overseas.

All our pumps are rigorously tested using our AS 2417 Certified Test Rig and we hold ISO accreditation for quality, health & safety, and environmental assurance.

QUALITY ASSURANCE ISO 9001:2015 CERTIFIED

HEALTH & SAFETY ASSURANCE ISO 45001:2018 CERTIFIED

ENVIRONMENTAL ASSURANCE ISO 14001:2015 CERTIFIED

STANDARD SIZING RANGE

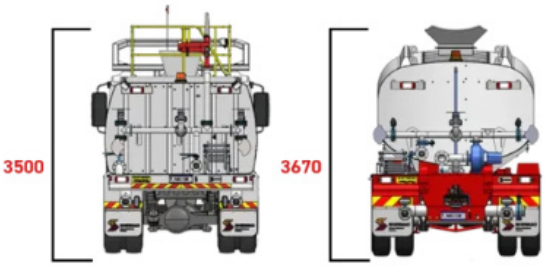
SKU	SIZE	MAX VEHICLE HEIGHT	IMAGE	RATED FLOW	MATERIAL
KS000100	DN100 (4")	5m		40L/s	Hot Dip Galvanised
KS000150	DN150 (6")	6.5m		90L/s	Hot Dip Galvanised
KS000250	DN250 (10")	8.5m		250L/s	Hot Dip Galvanised

**Please see vehicle suitability to determine height. If the height difference between truck and standpipe is more than 1.5m, a sock can be added to the standpipe.*

STANDARD FEATURES

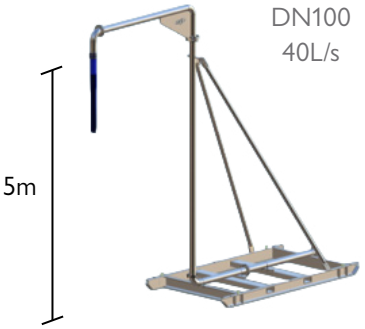
- Innovative design that does not require an EWP / working at heights for assembly
- Integrated Fork Pockets
- Additional 'Full Bore' Low Level connection point
- Engineered & Certified to AS/NZS 1170 for Cyclonic Conditions
- Fabricated to AS/NZS 1554.1 SP and AS/NZS 4041 Class 3
- AS/NZS 2129 'Table E' Inlet connection. Adaptors available on request
- Hot Dip Galvanised to ISO 1461 / AS/NZS 4860

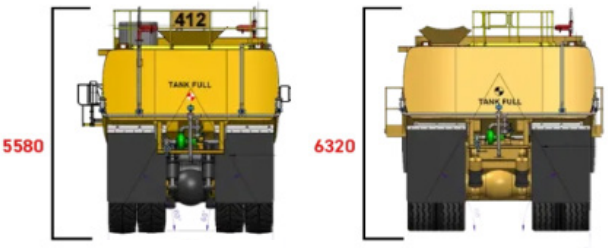
VEHICLE SUITABILITY



Rigid Water Cart

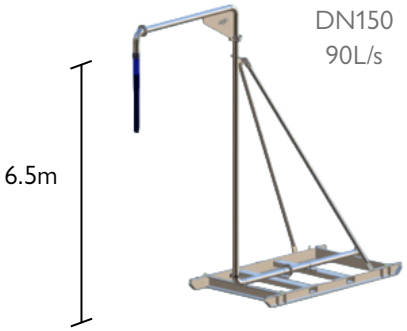
Semi Water Cart

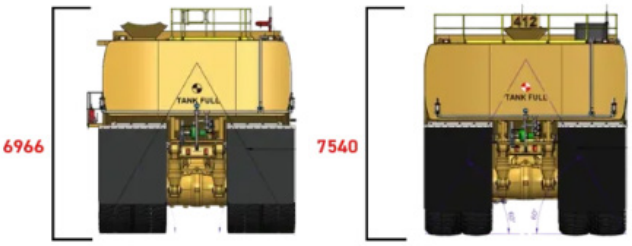




CAT 773 Rigid Water Cart

CAT 777 Rigid Water Cart





CAT 785 Rigid Water Cart

CAT 789 Rigid Water Cart



WIND RATINGS

RATING	BOLTED TO CONCRETE FOUNDATION[1]	CONCRETE BALLAST INSTALLED ON STANDPIPE[2]
Region A (up to 43 m/s)	Acceptable	Acceptable
Region B (up to 48 m/s)	Acceptable	Acceptable
Region C (up to 56 m/s)	Acceptable	Acceptable
Region D (up to 72 m/s)	Acceptable	Acceptable
Wind Speed >72m/s	Refer AP Engineering Dept.	Refer AP Engineering Dept.

1) Foundation to be minimum 'X' x 'Y' x 'Z' thick, secured with M_ anchors.
2) Contact Allied Pumps for a price on Ballast.



REMOTE STOP/START CONTROLLER

Allied Pumps standpipes have the option of an innovative Start/Stop Controller equipped with a battery-less remote fob. This can either control a solenoid operated diaphragm valve installed on the standpipe, or a pump system nearby.

The system can also be either completely 'off grid' – powered by a 24/7 sized solar and battery system – or powered by a small 240V AC feed.

Designed for harsh mining conditions with an ingress protection of IP65 or IP66, the controller is wired and tested to AS/NZS 3000.

If required, this can also be integrated with autonomous water carts. Allied Pumps was the first in the world to perform this integration for a major Western Australian mine site.

Overall, the controller guarantees the driver/operator is not required to get out of the cab to start his truck fill, saving time and money.

OPTIONAL EXTRAS

• Cyclonic Tie Downs for AS1170 Wind Region A to D	• Instrumentation & Valves
• Flexible 'Sock' for Standpipe	• Suction Hose Kit
• Solar & Battery Start/Stop Control Kit	• Pump & Motor Packages
• 240V Start/Stop Control	• Documentation, MDR, Wind Load Calculations & FEA

CONTACT US