



bell

LEADERS IN
PUMP & ENGINEERING
SOLUTIONS

www.bellenvironmental.com.au



Engineering solutions for every industry.
No job too big or too small, our specialists have a solution for you.

ABOUT US

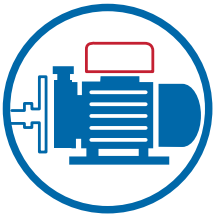
Starting out as a small pump service business back in 1964, Bell has grown into a highly respected Australian owned business that employs over 100 staff and specialises in providing a diverse range of services to government & private industry.

Bell is an ISO 9001:2016 Quality Management Systems Certified Business and maintains a strong focus on the continual development of our capabilities. Our vision is to be regarded as a company respected for providing high quality solutions and our mission is to ensure we deliver these solutions with the highest level of service across all areas of our business.

We continually strive to build strong relationships with our clients, ensuring we work closely with them to provide the right technical and cost effective solutions for their application or project.

From staff on the production floor right up to senior management, we are all hands on at Bell. No job is too big or too small and this collective "can do" attitude is the key element of our success and why we have the ability to deliver our highly specialised products and services.





Bell Pumps & Service

With over 50 years continual service to the Water & Waste Water Industry, Bell has delivered a wide range of major infrastructure projects as well as maintaining regular pump & service related contracts during this time. Our specialised range of capabilities combined with our highly skilled and experienced team continues to make Bell the perfect partner in this industry.

Bell has strategic alliances with all major pump brands in Australia and we back this up with a highly skilled team capable of providing pump solutions for all industries. We can provide sales, installation, repairs, fabrication and specialised maintenance programs. Backed by a modern fleet of Vacuum, Jetting and Crane Trucks and combined with our 24/7 emergency call out service, Bell will ensure your application performs at the highest level of efficiency at all times.

Bell is also proud to announce a new partnership with Caprari-CPC as the Victorian and New South Wales distributor of Precast Concrete Pumping Chambers. With our extensive experience we can now deliver a superior, innovative and robust concrete pumping chamber package made to a new level of design excellence. With a quality and longevity that is unsurpassed, Bell and Caprari-CPC will provide the perfect solution for your next Pump Station project.



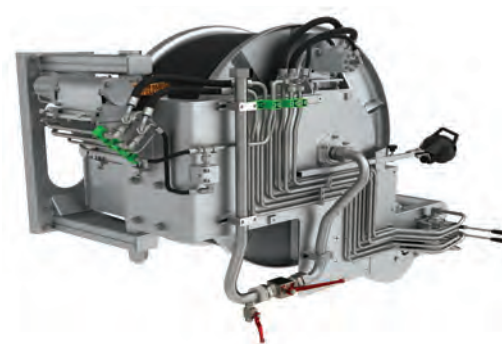
Bell Special Vehicles

For more than 20 years Bell has been designing & manufacturing custom made vehicles and are one of Australia's largest manufacturers of "First Response" Vehicles. Fire Trucks, Ambulances, Emergency Service and Roadside Assist Vehicles are amongst many others specially designed for government and private industry.

Our clients set high expectations and so do we. By utilising state of the art 3D Design Software combined with only the best quality materials and manufacturing processes, we consistently deliver products that exceed our client's expectations.

Bell is also an Australian leader in the design and manufacture of Vacuum, Jetting & Hydro-Excavation vehicles. From 20 tonne twin-steer rigs to tray trucks, vans & trailer mounted units, Bell can customise a package to suit you. We also retro fit used bodies and cabins as well as perform all types of maintenance and repair work.

Bell also stock and distribute an extensive range of spare parts and accessories for our vacuum pump & jetting systems.



4x2 Mini Hydro

4,200L Hydro-excavation machine, designed for mounting on a single-axle 14T Cab Chassis. System is operated via a 95HP Perkins Silenced-Pack Diesel engine, mechanically driving vacuum and water pumps. Low engine speed of only 2200rpm max grants an incredibly quiet machine, whilst delivering the highest performance from a very compact machine.



TECHNICAL SPECIFICATIONS

Cab Chassis	Isuzu, Hino, Fuso, DAF Hendrickson Airbag Suspension Allison Auto
Debris Tank Volume	4,200L – 5mm Corten Steel
Water Tank Volume	1,600L – Hardened Polyethylene
Drive Unit	95HP Perkins Silenced Pack Engine
Vacuum Pump	Jurop CTH180 'HELIX' Blower 1,800m ³ /Hr (1060cfm). 60% (18" HG) Max Vacuum
Hydro Excavation	Class A 20L/min @ 4000psi (Optional Class B 7250psi)
Hose Reel	20m Spring Retract Mechanical Reel
Suction Boom	Jurop DN100 Hydraulic Telescopic Boom
Filtration	Cyclone Shutoff, Screen Filter
Control Functionality	Control Panel or IMET Belly Remote
Hydraulic Rear Door	Jurop Over-Centre clamping system with safety locking valves
Tank Hoist	Penta Tipping Cylinder 40deg
Lighting	LED Beacons and Work Lights
Safety	3x System E-Stop (Panel, rear, remote) Handbrake Interlock/Alarm PTO Switch Low Water Level Alarm
Noise Output	80dBA at rear
GVM/GCM	16,000kg / 32,000
Options	Weight Scales Front Stowage Enclosure Bullbar Light Bar

4x2 Mini Combo

The Bell 4x2 mini combo is the most versatile, most compact all-rounder in its class. The mini combo machine grants access into tight spaces where other machines simply cannot access. Stainless steel tanks provide unrivalled longevity and reliability, and easy-to-use control functionality grants simple operation in all conditions.



TECHNICAL SPECIFICATIONS

Cab Chassis	Isuzu, Hino, Fuso, DAF Hendrickson Airbag Suspension Allison Auto
Debris Tank Volume	4,000L – STAINLESS STEEL
Water Tank Volume	2,500L – STAINLESS STEEL
Vacuum Pump	Jurop PVT400 Air-Injection Blower 2,600m ³ /Hr (1530cfm). 93% (28" HG) Max Vacuum
Jetting Pump	Prattisoli KF36 – 137L/min @ 2050psi
Jetting Reel	110m, 20mm Jetter Reel, Hydraulic Operated
Suction Boom	Jurop DN150 Hydraulic Telescopic Boom
Filtration	Cyclone Shutoff, Screen Filter
Control Functionality	Control Panel or IMET Belly Remote
Hydraulic Rear Door	Jurop Over-Centre clamping system with safety locking valves
Tank Hoist	Penta Tipping Cylinder 40deg
Safety	3x System E-Stop (Panel, rear, remote) Handbrake Interlock/Alarm PTO Switch
Stowage Enclosure	Walk-in Type, Front mounted
Hydro-Excavation	20L/min @ 3600psi. 20m Spring-retract reel
GVM/GCM	16,000kg / 32,000
Options	Weight Scales Lubricating System Bullbar Elevated Platform



6x4 Combi Machine

Medium 6x4 combination vacuum and jetting machine, designed for deep vacuum and general purpose drain cleaning applications.

This unit is designed with inner/outer debris and water tanks, distributing the payload evenly, reducing the chances of exceeding legal weight limits.

Fitted with the state-of-the-art Jurop Helix Series air-injected vacuum pump, this machine offers the quietest, most reliable and efficient machine available, with the simplest operator interface.



TECHNICAL SPECIFICATIONS

Cab Chassis	Isuzu, Hino, Fuso, DAF Hendrickson Airbag Suspension Allison Auto
Debris Tank Volume	6,000L – STAINLESS STEEL
Water Tank Volume	4,000L – STAINLESS STEEL
Vacuum Pump	Jurop HELIX-750 Air-Injection Blower 4,150m ³ /Hr (2450cfm). 93% (28" HG) Max Vacuum
Jetting Pump	Prattisoli KS40 – 225L/min @ 2050psi
Jetting Reel	150m, 25mm Jetter Reel, Hydraulic Swivelling
Suction Boom	Jurop DN150 Hydraulic Telescopic Boom
Filtration	Cyclone Shutoff, Screen Filter
Control Functionality	Control Panel or IMET Belly Remote
Hydraulic Rear Door	Jurop Over-Centre clamping system with safety locking valves
Tank Hoist	Penta Tipping Cylinder 40deg
Safety	3x System E-Stop (Panel, rear, remote) Handbrake Interlock/Alarm PTO Switch
Stowage Enclosure	Walk-in Type, Front mounted
Optional Hydro-Excavation	20L/min @ 3600psi. 20m Spring-retract reel
GVM/GCM	24,000kg / 45,000
Options	Weight Scales Lubricating System Bullbar Elevated Platform



6x4 Medium Hydro

Bell 6x4 Hydro-excavation machine is simply the best value-for-money Hydro-Excavation machine on the market. Fitted with the patented Jurop HELIX series vacuum system, this machine offers outstanding performance and efficiency with low noise outputs, the capability of deep vacuum and high performance air-velocity, whilst keeping payload and fuel economy at a maximum. A 7,500L debris and 3,000L STAINLESS STEEL water tank in the Bell sleeve design distributes the weight perfectly across all axles. This design feature grants a short wheelbase, enhancing driveability and reliability, whilst maintaining simplicity of operation.



TECHNICAL SPECIFICATIONS

Cab Chassis	Isuzu, Hino, Fuso, DAF Hendrickson Airbag Suspension Allison Auto
Debris Tank Volume	7,500L – 5mm STAINLESS STEEL
Water Tank Volume	3,000L – 5mm STAINLESS STEEL
Drive Unit	Allison Auto Transmission with Chelsea PTO
Vacuum Pump	Jurop HELIX-750 Air-Injection Blower 4,150m ³ /Hr (2450cfm). 93% (28" HG) Max Vacuum
Hydro Excavation	Class A 20L/min @ 4000psi (Optional Class B 7250psi)
Hose Reel	20m Spring Retract Mechanical Reel
Suction Boom	Jurop DN150 Hydraulic Telescopic Boom
Filtration	Cyclone Shutoff, Screen Filter
Control Functionality	Control Panel or IMET Pendant Remote
Hydraulic Rear Door	Jurop Over-Centre clamping system with safety locking valves
Tank Hoist	Penta Tipping Cylinder 40deg
Lighting	LED Beacons and Work Lights
Safety	3x System E-Stop (Panel, rear, remote) Handbrake Interlock/Alarm PTO Switch Low Water Level Alarm
Stowage Enclosure	Walk-in Type, Front mounted
Noise Output	80dBA at rear
GVM/GCM	24,000 / 45,000
Options	Weight Scales Front Stowage Enclosure Bullbar Light Bar



6x4 Engine-Pack Hydro

Engine Pack 6x4 Hydro-excavation machine is a skid-mounted, auxiliary engine driven vacuum package, designed for fast and easy mounting on to virtually any compliant 6x4 cab chassis. This package is designed as an ultra-compact system, allowing for installation on short wheelbase cabs. Fitted with the patented Jurop HELIX series vacuum system, this machine offers outstanding air velocity and payload, while keeping noise output and fuel consumption to a minimum.



TECHNICAL SPECIFICATIONS

Cab Chassis	Isuzu, Hino, Fuso, DAF Hendrickson Airbag Suspension Allison Auto
Debris Tank Volume	7,000L – 6mm CORTEN STEEL
Water Tank Volume	2,400L – Saddle Mount Polyethylene
Drive Unit	150HP Silenced Pack Engine
Vacuum Pump	Jurop CTH-420 HELIX Blower 4,150m ³ /Hr (2450cfm). 60% (18" HG) Max Vacuum
Hydro Excavation	Class A 20L/min @ 4000psi (Optional Class B 7250psi)
Hose Reel	20m Spring Retract Mechanical Reel
Suction Boom	Jurop DN150 Hydraulic Telescopic Boom
Filtration	Cyclone Shutoff, Screen Filter
Control Functionality	Control Panel or IMET Pendant Remote
Hydraulic Rear Door	Jurop Over-Centre clamping system with safety locking valves
Tank Hoist	Penta Tipping Cylinder 40deg
Lighting	LED Beacons and Work Lights
Safety	3x System E-Stop (Panel, rear, remote) Handbrake Interlock/Alarm PTO Switch Low Water Level Alarm
Noise Output	80dBA at rear
GVM/GCM	24,000 / 45,000
Options	Weight Scales Front Stowage Enclosure Bullbar Light Bar

8x4 Super-Vac Hydro

Bell 8x4 Super Vac is simply a beast. Fitted with the patented Jurop HELIX series vacuum system, this machine offers outstanding performance and efficiency with low noise outputs, the capability of deep vacuum and high performance air-velocity, whilst keeping payload and fuel economy at a maximum. A 10,000L debris and 4,000L STAINLESS STEEL water tank in the Bell sleeve design distributes the weight perfectly across all axles. This design feature grants a short wheelbase, enhancing driveability and reliability, whilst maintaining simplicity of operation.



TECHNICAL SPECIFICATIONS

Cab Chassis	Isuzu, Volvo, Iveco Hendrickson Airbag Suspension Allison Auto
Debris Tank Volume	10,000L – 5mm STAINLESS STEEL
Water Tank Volume	4,000L – 5mm STAINLESS STEEL
Drive Unit	OMSI Split Shaft PTO
Vacuum Pump	Jurop HELIX-1200 Air-Injection Blower 6,400m ³ /Hr (3,770cfm). 93% (28" HG) Max Vacuum
Hydro Excavation	Class A 20L/min @ 4000psi (Optional Class B 7250psi)
Hose Reel	20m Spring Retract Mechanical Reel
Suction Boom	Jurop DN200 Hydraulic Telescopic Boom
Filtration	Cyclone Shutoff, Screen Filter
Control Functionality	Control Panel or IMET Pendant Remote
Hydraulic Rear Door	Jurop Over-Centre clamping system with safety locking valves
Tank Hoist	Penta Tipping Cylinder 40deg
Lighting	LED Beacons and Work Lights
Safety	3x System E-Stop (Panel, rear, remote) Handbrake Interlock/Alarm PTO Switch Low Water Level Alarm
Stowage Enclosure	Walk-in Type, Front mounted
Noise Output	80dBA at rear
GVM/GCM	24,000 / 45,000
Options	Weight Scales Front Stowage Enclosure Bullbar Light Bar



Custom-Built Machines

Utilising our SolidWorks design program, our team of design engineers are able to provide customised solutions, tailored to the needs of any client.

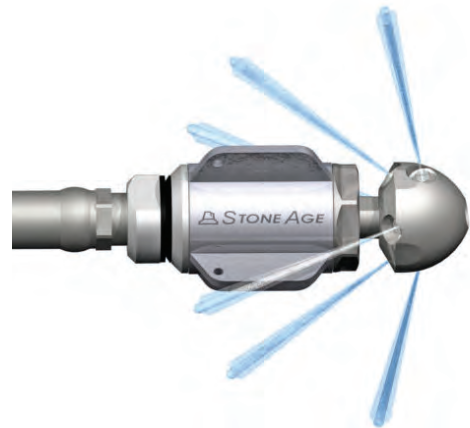
Our Range of Custom-Built units includes;

- Hi-Rail Machines
- Jetter Machines
- Recycler Machines
- Cassette Booms
- Suction Hose Reels
- Dangerous Goods Tankers
- Easement Reels



Accessories & Tooling

- Jetting Nozzles
- Root Cutters
- Jetting Hose
- Hydraulic Hose
- Jetting Pumps
- Unloader & Safety Valves
- Hose Reels
- Pressure Gun / Lance / Nozzles
- Emergency Lighting Kits
- Manhole Lifters





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