



Stormwater Solutions

Tailored Sales & Hire Solutions

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primefluid.co.nz

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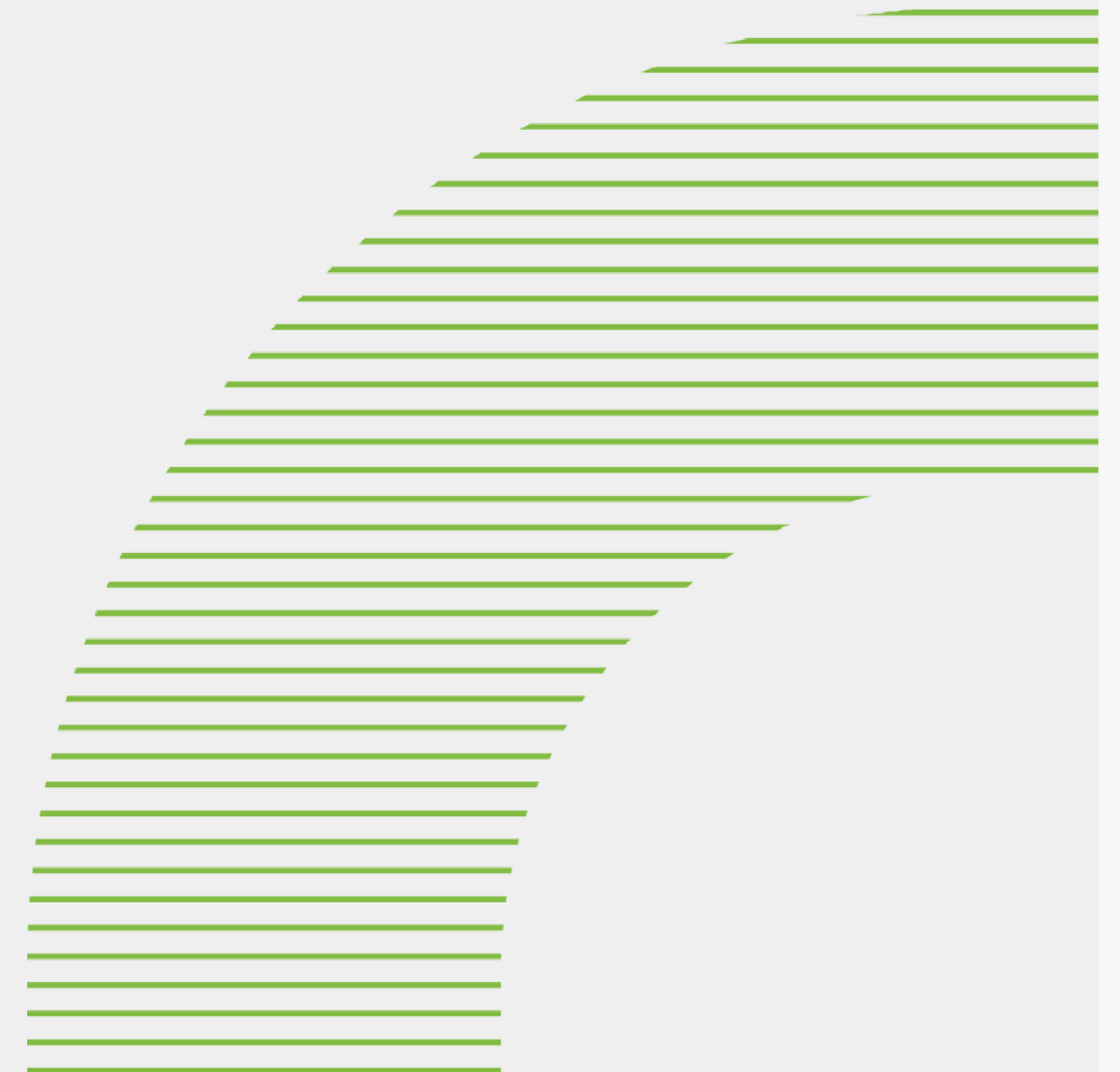
Stormwater Solutions

When heavy rains fall, it is our communities and livelihoods that bear the brunt of the impact and damage.

In an effort to limit the impact, Prime Fluid Management can mobilise quickly to provide local or regional councils, and authorities with rapid flood response.

No matter what the time or the day, our team are committed to providing 24/7 support in times of emergency.

In the longer term we can provide councils with large scale, low emission flood mitigation solutions as part of the regions stormwater infrastructure development.



Flood Response



Large and small scale solutions to unexpected flood events.

Back up when you need it

Prime Fluid Management provides high efficiency, low emission pumpsets for stopbank over-pumping and dewatering of non-draining floodwaters. The team is experienced in dealing with flood waters, and supporting regional crews and civil defence with flood containment and clean up.



Multi-use Flood pumps

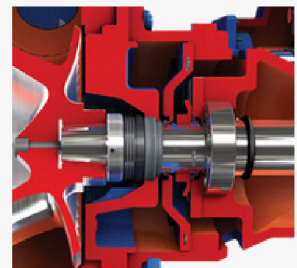
BBA Pumps

4 year BBA factory warranty.



Easy Inspection

Easy accessible inspection points, draining points and filler plugs.



Oil chamber and pressure relief

Seal cooling and lubrication allowing dry running.
Pressure relief chamber prevents bearing block fluid



Non-return valve

ensures perfect discharge port sealing for reliable priming



Adjustable Wearplate

The wearplate with E-style impeller has self-cleaning cutter slots and is adjustable externally for maximum efficiency.



Interchangeable Parts

The BA series' modular design reduces parts needs, lowering stock costs and simplifying maintenance.



Multi-use Flood pumps

BBA Diesel Drive Auto-priming Centrifugal Pumps

TYPE:	BA 75 Diesel Driven	BA 100K D193 Diesel Driven	BA 150E Diesel Driven MP50 / MP100	BA 180E D328 Driven
	Solids Handling Pump Easy setup for rapid response in critical situations.	Dewatering & Sewage Pump Large scale high pumping capacity	Dewatering & Sewage Pump High-efficiency pumping with low fuel consumption.	Dewatering & Sewage Pump Exceptional high-flow capacity for managing large-scale flood situations.
Max. Flow	100 m ³ /h	190 m ³ /h	475 m ³ /h	780 m ³ /h
Max. Head	17 mwc	22 mwc	37 mwc	50 mwc
Max. Solids	42 mm	82 mm	80 mm	80 mm
Noise Level	50 dB(A) @ 10m	54 dB(A) @ 10m	61 dB(A) @ 10m	67 dB(A) @ 10m
Connections	100 mm	100 mm	150 mm	200mm



BA 75



BA 100K D193



BA150E MP50

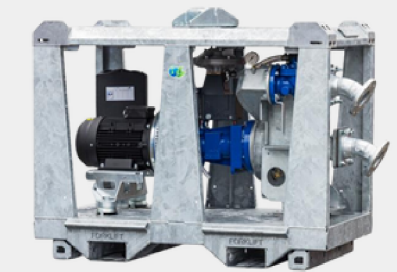


BA 180E D328

Multi-use Flood pumps

BBA Electric Drive Auto-priming Centrifugal Pumps

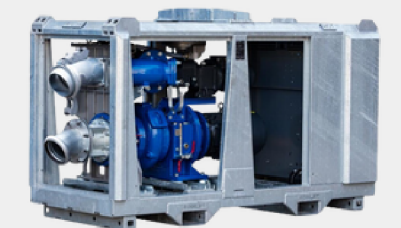
TYPE:	BA 100K D193 Electric Driven	BA 150E Electric Driven 22 kW / 37kW	BA 180 KS D315 Electric Drive	BA 180 E D328 Electric Driven
	Dewatering & Sewage Pump Large scale high pumping capacity	Dewatering & Sewage Pump High-efficiency pumping with low fuel consumption.	Dewatering & Sewage Pump Exceptional high-flow capacity for managing large-scale flood situations.	Dewatering & Sewage Pump Exceptional high-flow capacity for pumping wastewater with large solids.
Max. Flow	130 m ³ /hr	430 m ³ /hr	485 m ³ /h	620 m ³ /hr
Max. Head	15 mwc	24 mwc	29 mwc	32 mwc
Max. Solids	82 mm	80 mm	125 mm	80 mm
Electric Motor	7.5 kW	22 kW	30 kW	45 kW
Connections	100 mm	150 mm	200 mm	200 mm



BA 75 Electric



BA 100K D193



BA 150E 22kW



BA 180E D328

PTO TRACTOR PUMPS

Where there is always a tractor available, PTO driven pumps are a cost effective way to shift large volumes of liquid when required. Versatile, compact, and efficient, our range of PTO pumps are great for fast deployment in the event of flooding and high water levels.

Our BBA range include self priming and vacuum prime models, while the Veneroni range are mobile propeller pumps to shift large volumes of water.

- Compact
- Easy & fast to deploy
- Capable of pumping large volumes
- Low power requirements



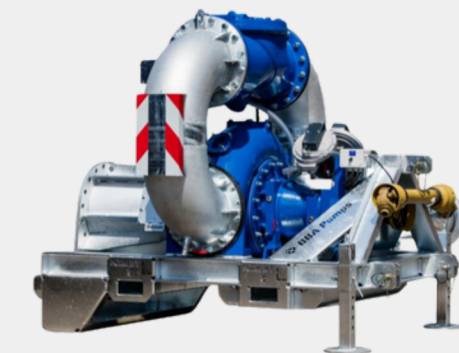
PTO TRACTOR PUMPS

BBA PTO Tractor Pumps

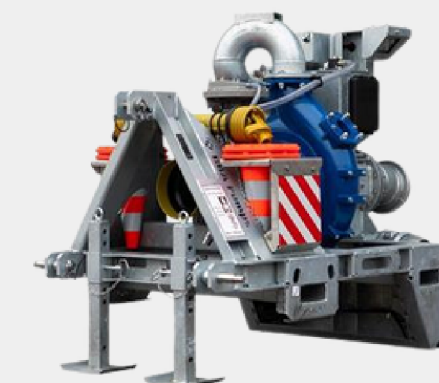
TYPE:	B300 T3WGT High Flow PTO Driven	BA 400G D500 High Flow PTO Driven	BA 160L High Flow PTO Driven
	<p>Self-Priming Centrifugal Emergency Pump</p> <ul style="list-style-type: none"> 12-inch self-priming emergency pump designed for rapid response in critical high-water situations. Pump flow up to 1250 m³/h 	<p>Auto-Prime Centrifugal Emergency Pump</p> <ul style="list-style-type: none"> High pump efficiency for low operating costs Impeller with 100 mm free passage 	<p>Auto-Prime Centrifugal Emergency Pump</p> <ul style="list-style-type: none"> High pump efficiency for low operating costs Pump flow up to 620 m³/h
Max. Flow	1250 m ³ /h	3000 m ³ /h	620 m ³ /h
Max. Head	15 mwc	23 mwc	29 mwc
Max. Solids	70 mm	100 mm	80 x 65mm
PTO Drive	55kW @ 1000 rpm	125kW @ 1000 rpm	50kW @ 1000 rpm
Couplings	300mm	3 x 300mm	200mm



B300 T3WGT



BA 400 G



BA 160L

PTO TRACTOR PUMPS

Veneroni PTO Tractor Pumps

A tractor driven centrifugal pump with hydraulic rotation, Veneroni PTO pumps offer flexibility of use even in low immersion.

- ATR Series
- ETR-Series

TYPE:	Veneroni ATR Series	Veneroni ETR Series
	PTO driven centrifugal pump for high volume, low pressure applications	PTO driven propeller pump for high volume, low pressure applications
Max Flow	2700 m ³ /hr	3600 m ³ /hr
Max Head	10.3m	11.6m
Max kW	88kW @ 540tpm	110kW @ 540rpm
Discharge Size	250 - 500mm	500mm



ATR Series



ETR Series

Flood Response Trailer Units

Our own custom flood response trailer unit was designed specifically for rapid deployment in emergency situations.

Rugged construction with right-sized storage for pipes and couplings, these units are right ready to go when needed.

Designed specifically for our vacuum prime pumpsets.



Generators

An economical range of generators for use with electric pumps in a range of applications. They feature extended-range fuel tanks, silenced canopies and can be monitored remotely. All models are float start/stop capable.

Larger generator sizes available on request

Model	10 kVA	25 kVA	45 kVA	88 kVA
Max Amps	14A	29A	65A	83A
Electrical Connections	3x 10A 1 phase & 1x 32A PDL	2x 10A 1 phase & 2x 50A PDL	2x 10A 1 phase & 2x 50A PDL	3x 10A 1 phase & 1x 32A PDL, 1 x 63A & 125A C-form
Fuel tank size	499L	499L	499L	410L
Weight	1050kg (Dry)	1100kg (Dry)	1150kg (Dry)	1450kg (Dry)



Drainage Submersible Pumps

Grindex submersible drainage pumps are heavy duty, industrial strength, yet light and highly portable. High wear resistance maintains performance levels for longer, while the air valve means these can be run dry! Well known world wide for their reliability, durability and dependability these pumps are the popular choice for dewatering.

PRORIL pumps are a cost effective solution to solve your drainage needs. The compact and slim design along with the ACrs technology for wear resistance makes these an obvious economical solution.



Drainage Submersibles

Grindex


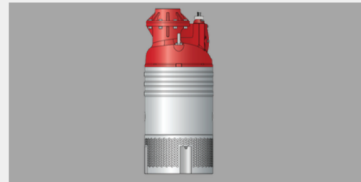
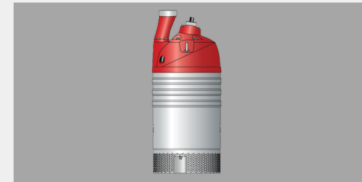



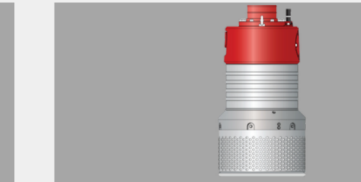

Run-Dry Electric Submersibles

TYPE:	Grindex Micro	Grindex Mini	Grindex Minex	Grindex Minette	Grindex Minor	Grindex Major
						
Max. Flow	4.5 l/sec	6 l/sec	11 l/sec	17 l/sec	34 l/sec	39 l/sec
Max. Head	10.5m	16m	18m	22m	37m	46m
Max. Solids	5 x 11mm	5 x 11mm	7.5mm	9 mm	10mm	10 mm
Power	0.42 kW	0.9 kW	1.4 kW	2.2 kW	3.7 kW	5.6 IW
Discharge Size	50mm	50mm	50mm	75mm	75mm & 100mm	75mm & 100mm

Large Drainage Submersibles

Grindex

Run-Dry Electric Submersibles

TYPE:	Grindex Master	Grindex Master SH	Grindex Matador	Grindex Maxi	Grindex Maxi SH	Grindex Magnum	Grindex Mega
							
Max. Flow	56 l/sec	18 l/sec	95 l/sec	225 l/sec	38 l/sec	350 l/sec	155 l/sec
Max. Head	58m	82m	70m	85m	140m	100m	210m
Max. Solids	10mm	10mm	12mm	15mm	12mm	12mm	10mm
Power	10 kW	10 kW	18 kW	37 kW	37 kW	57 kW	90 kW
Discharge Size	100mm & 150mm	75mm	100mm & 150mm	100mm & 200mm	100mm	150mm, 200mm & 250mm	100mm & 150mm

Handy, Trash & Diaphragm Pumps

Proril Handy & Residue Submersible pumps

TYPE:	SMART Lite 400	SMART Lite Base 400	SMART Lite 750	SMART 1500	SMART Vox 400	SMART Vox 750
						
Max. Flow	4 L/s	4 L/s	5.3 L/s	7.5 L/s	4 L/s	5 L/s
Max. Head	11 m	11 m	15 m	20 m	11 m	15 m
Max. Solids	7mm	2 mm	7 mm	9 mm	7 mm	7 mm
Power	0.4 kW	0.4 kW	0.75 kW	1.5 kW	0.4 kW	0.75 kW
Discharge Size	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm

Drainage Submersibles

Proril

TYPE:	Tank Series 222 - 8450	Titan Series 337 - 8220	Stormy 337P - 8220P
	High Chrome Dewatering Pump	Heavy Duty Dewatering Pump	Sludge & Slurry Pumps (with agitator)
Max. Flow	97 l/sec	110 l/sec	110 l/sec
Max. Head	90m	30m	30m
Max. Solids	20mm	38mm	40mm
Power	2.2 - 45 kW	3.7 - 22 kW	3.7 - 22 kW
Discharge Size	50 - 200 mm	75mm - 200mm	75mm - 200mm



Tank Series



Titan Series



Stormy Series

Trash & Diaphragm Pumps

Caffini
Flexi-Drive

TYPE:	Electric Diaphragm	Petrol Diaphragm	Trash Pump	Flexi-Drive
	Designed for high flow, low pressure situations where transfer of thick slurries and solids laden water is required.	Designed for high flow, low pressure situations where transfer of thick slurries and solids laden water is required.	Self-priming centrifugal trash pump with tool-free maintenance.	Lightweight, portable dewatering pump with protected coil, cast-iron impeller.
Max. Flow	750 l/min	830 l/min	2,400 l/min	1100 l/min
Max. Head	15 m	15 m	32 m	26 m
Max. Solids	60 mm	60mm	40mm	N/A
Discharge Size	50 - 125mm	50 - 125mm	75 - 100mm	75mm



Caffini Petrol Diaphragm Pump



Caffini Trash Pump



Flexi-Drive

Flood Control



High capacity flood control pumps

Build resilience into stormwater network

In stormwater planning, pumps are your last line of defence. Rapid response and resilience in the face of extreme environments is critical - whether it's your work site, farm or regional district.

Prime Fluid Management has partnered with Dutch supplier BBA Pumps to tailor flood protection technology for New Zealand's changing climate. Our low-infrastructure Pad+Pump solution stands up to environmental and economic scrutiny, dramatically increasing resilience to major weather events and changing water flows.



High capacity flood control pumps

BBA BA series auto-prime centrifugal pump

4 year BBA factory warranty.

TYPE:	BA400G D540	BA500G D675	BA600G D743	BA700G D810
	A relocatable auto-priming, centrifugal pump for use during flood and stormwater disasters.	Will discharge water over long distances through extended pipelines.	Ideal for tackling high water during heavy rains or flooding.	The largest in BBA's mobile flood control series, the BA700 will shift 7,800m ³ /hr.
Max. Flow	3200 m ³ /h	4500 m ³ /h	6500 m ³ /h	7800 m ³ /h
Max. Head	25 mwc	26 mwc	22 mwc	23 mwc
Max. Solids	100 mm	115 mm	135 mm	145 mm
Noise Level	65 dB(A) @ 10m	75 dB(A) @ 10m	75 dB(A) @ 10m	75 dB(A) @ 10m
Connections	Suction: 500mm Discharge: 400mm	Suction: 600mm Discharge: 500mm	Suction: 700mm Discharge: 600mm	Suction: 900mm Discharge: 700mm



BA 400 G D540



BA 500G D675



BA 600G D743



BA 700G D810

Project delivery pathway solution

Our Process

Prime Fluid Management operates a robust project delivery process, ensuring timely, cost-effective, and realistic project plans through the PRIME Project Delivery Pathway.



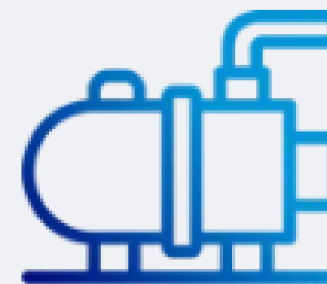
Discover

We take a take time to understand your project and to gain a solid understanding your goals, drivers and constraints.



Design

Every client, site and project is unique. We focus on the solution that will perform best in all scenarios across the intended lifetime of your project.



Deliver

Once approved, we deliver. Depending on project or product requirements this may include install, commissioning, and on-site training.



Support

We are here if you need us. Whether you need parts, repairs, or further support we work fast to limit downtime on site.

Get in touch

6 Branches Nation Wide

Auckland:

13b McLaughins Rd, Wiri

Tauranga:

43 Poturi Street, Tauriko

Hawke's Bay:

97 Austin Street, Onekawa, Napier

Porirua:

2a Raiha St, Elsdon

Greymouth (HQ)

10 Chesterfield Street

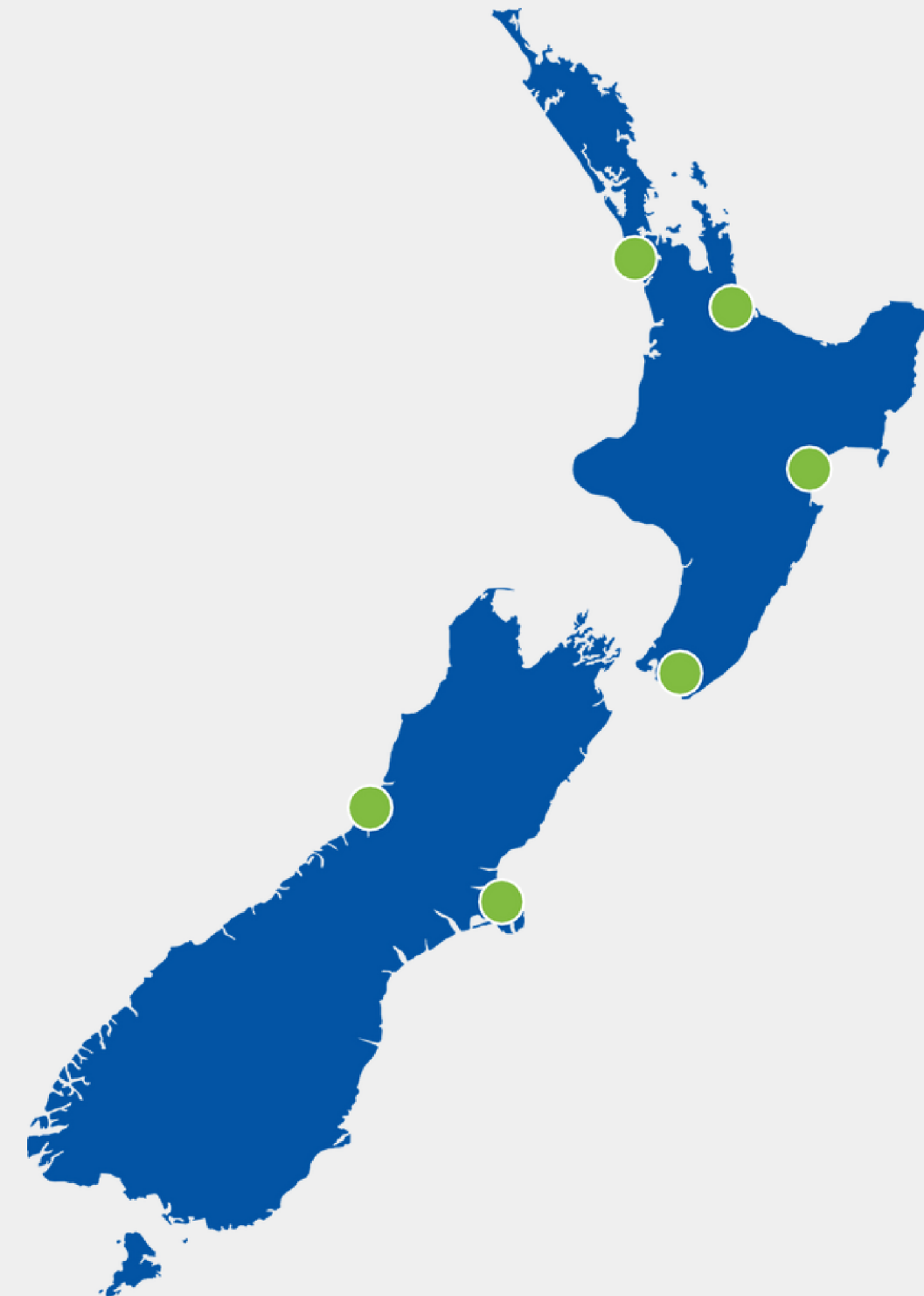
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**Expertise.
Equipment.
Results.**

Tailored Sales & Hire Solutions

