



TOW AND COLLECT BY METALFORM

Keep your fields clean and your animals healthy.



Mini 700



1220



1500 Pro

www.towandcollect.com

PRODUCT CATALOGUE



MADE IN NEW ZEALAND BY METALFORM

About Metalform

All Tow and Collect products were designed and built in Dannevirke, New Zealand by Metalform (Dannevirke) Ltd.

Incorporated in April 1961, Metalform is a family owned company with the 3rd generation being one of the shareholders and directors. We employ over 100 staff and have offices in New Zealand, Australia, UK and the USA and market representation in the Europe, Japan and Chile.

Metalform's core business expertise is start to finish design and manufacturing of tech integrated products. Metalform are the leading company in New Zealand for innovation and manufacturing in the sheet metal industry and offer a turn-key solution in the arena of custom manufacturing.

Our capabilities include design, fabrication, painting, finishing and final assembly. The continual investment into manufacturing technology ensures that Metalform produces the highest quality products at competitive rates.





TOW AND COLLECT BY METALFORM

Remove the manure from your pastures with the Tow and Collect - this minimises reinfestation of parasites causing an unnecessary worm burden on your animals. The Tow and Collect also removes thatch which lets light and moisture into your pastures. Enjoyed by thousands of customers worldwide, the Tow and Collect is the manure collection device of choice!



TOW AND COLLECT

Mini 700

5 times faster
than a paddock
vacuum

For cleaner pastures.

The Tow and Collect offers you an efficient solution to collecting horse manure, alpaca manure, goose faeces, tree nuts and other debris and will give you unprecedented productivity, while saving you hours of backbreaking work. The Mini 700 features no engine, which means its very easy to operate and servicing is minimal. The wheels drive counter-rotating nylon brushes which flick the manure into the rear mounted hopper as you drive along!

The 700mm (28 inch) wide pickup and easy-to-empty 320 litre (84 gallon) hopper means you can fit approx 2 wheelbarrow loads before you need to unload it. When you are ready to empty, just reverse up to a designated dumping spot and wind open the gas-assisted hopper with a handle conveniently located on the side of the machine.

Even without an engine, the Mini 700 is 5x faster than a typical vacuum machine. This is due to its constant collection system not requiring you to start and stop at each manure pile, just drive over it and the manure disappears – it's that simple. Because of the constant sweeping motion of the brushes, it also removes the thatch and dead grass from your pasture – something a vacuum does not do. By removing this, it promotes live grass growth and allows the pasture to gain more of the needed nutrients and sunlight.



Engine Specs

| Model | Collection Width | Collection Capacity | Model | Fuel | Brush Drive System | Jockey Wheel |
|----------|--------------------|--------------------------|--------------------|---------------------|-----------------------------------|--------------|
| Mini 700 | 700mm (28 inches) | 320 litres (84 gallons) | None | N/A | Chain Drive from Wheel Traction | Optional |
| 1220 | 1220mm (48 inches) | 500 litres (132 gallons) | None | N/A | Chain Drive from Wheel Traction | Optional |
| 1500 Pro | 1500mm (59 inches) | 620 litres (165 gallons) | Kohler CH270 - 7hp | 4-stroke, 91 octane | 2:1 Reduction Gearbox with Clutch | Optional |

Long lasting and easy to maintain.

No Engine

Just hitch it on behind your ATV and start towing - the Tow and Collect does the rest. No engine means no fuel required and minimal maintenance.

Ground Drive

1/2" chain drives from the wheel to make the brushes counter-rotate and flick the manure/debris into the plastic hopper.

Collection Capability

The Tow and Collect will pick up horse manure, alpaca manure, goose poop, dog poop and other loose debris. It is most effective when the grass is less than 100mm (4 inches) long.

Build Quality

Designed and manufactured in New Zealand for the toughest conditions, construction is 3mm thick (8 gauge) high grade steel which is zinc sprayed and then powdercoated.



No engine makes for simple use



Tow with an ATV or quad bike



Easy to empty catcher with gas assist

| Electric Key Start® | Dimensions/Size (L x W x H) | | Weight | | Tow Hitch |
|-----------------------|------------------------------|---------------------------------|----------------|----------------|---------------|
| | Assembled | Shipping / Crated | Assembled | Crated | |
| N/A | 2.1x1.1x1.0m (7'x4'4"x3'3") | 1.45x1.1x1.1m (4'9"x3'7"x3'7") | 140kg (310lbs) | 185kg (410lbs) | 50mm Coupling |
| N/A | 2.1x1.9x1.0m (7'x6'2"x3'3") | 1.45x1.62x1.1m (4'9"x5'4"x3'7") | 190kg (420lbs) | 240kg (530lbs) | 50mm Coupling |
| Yes - with pull start | 2.2x2.0x0.9m (7'3"x6'6"x3') | 1.5x2.1x1.0m (4'9"x6'8"x2'3") | 245kg (540lbs) | 325kg (720lbs) | 50mm Coupling |

TOW AND COLLECT

1220

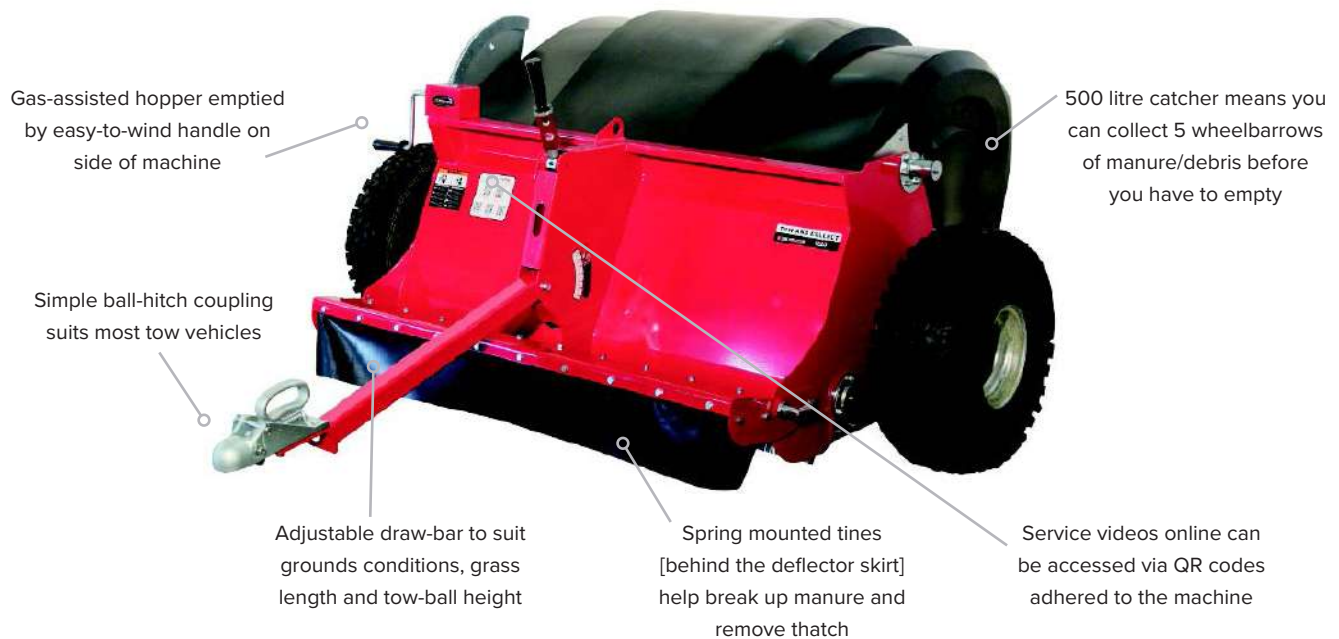
**8 times faster
than a paddock
vacuum**

Clean pastures, healthier animals.

The Tow and Collect offers you an efficient solution to collecting horse manure, alpaca manure, goose faeces, tree nuts and other debris and will give you unprecedented productivity, while saving you hours of backbreaking work. The 1220 features no engine, like its smaller brother, which means its very easy to operate and servicing is minimal. The wheels drive counter-rotating nylon brushes which flick the manure into the rear mounted hopper as you drive along!

The 1220mm (4 feet) wide pickup and easy-to-empty 500 litre (132 gallon) hopper means you can fit approx 5 wheelbarrow loads before you need to empty. When you are ready to empty, just reverse up to a designated dumping spot and wind open the gas-assisted hopper with a handle conveniently located on the side of the machine.

Even without an engine, the 1220 is 8x faster than a typical vacuum machine. This is due to its constant collection system not requiring you to start and stop at each manure pile, just drive over it and the manure disappears – it's that simple. Because of the constant sweeping motion of the brushes, it also removes the thatch and dead grass from your pasture – something a vacuum does not do. By removing this, it promotes live grass growth and allows the pasture to gain more of the needed nutrients and sunlight to survive.



Engine Specs

| Model | Collection Width | Collection Capacity | Model | Fuel | Brush Drive System | Jockey Wheel |
|----------|--------------------|--------------------------|--------------------|---------------------|-----------------------------------|--------------|
| Mini 700 | 700mm (28 inches) | 320 litres (84 gallons) | None | N/A | Chain Drive from Wheel Traction | Optional |
| 1220 | 1220mm (48 inches) | 500 litres (132 gallons) | None | N/A | Chain Drive from Wheel Traction | Optional |
| 1500 Pro | 1500mm (59 inches) | 620 litres (165 gallons) | Kohler CH270 - 7hp | 4-stroke, 91 octane | 2:1 Reduction Gearbox with Clutch | Optional |

Low maintenance and built to last.

No Engine

Just hitch it on behind your ATV and start towing - the Tow and Collect does the rest. No engine means no fuel required and minimal maintenance.

Ground Drive

1/2" chain drives from the wheel to make the brushes counter-rotate and flick the manure/debris into the plastic hopper.

Collection Capability

The Tow and Collect will pick up horse manure, alpaca manure, goose poop, dog poop and other loose debris. It is most effective when the grass is less than 100mm (4 inches) long.

Build Quality

Designed and manufactured in New Zealand for the toughest conditions, construction is 3mm thick (8 gauge) high grade steel which is zinc sprayed and then powdercoated.

Options



Jockey Wheel

Make storage and the attachment process easy with a retro-fit jockey wheel that will make manoeuvrability painless.



| Electric Key Start® | Dimensions/Size (L x W x H) | | Weight | | Tow Hitch |
|-----------------------|-------------------------------|---------------------------------|----------------|----------------|---------------|
| | Assembled | Shipping / Crated | Assembled | Crated | |
| N/A | 2.1x1.1x1.0m (7'x4'4"x3'3") | 1.45x1.1x1.1m (4'9"x3'7"x3'7") | 140kg (310lbs) | 185kg (410lbs) | 50mm Coupling |
| N/A | 2.1x1.9x1.0m (7'x6'2"x3'3") | 1.45x1.62x1.1m (4'9"x5'4"x3'7") | 190kg (420lbs) | 240kg (530lbs) | 50mm Coupling |
| Yes - with pull start | 2.2x2.0x0.9m (7'3"x6'6"x3') | 1.5x2.1x1.0m (4'9"x6'8"x2'3") | 245kg (540lbs) | 325kg (720lbs) | 50mm Coupling |

TOW AND COLLECT

1500 Pro

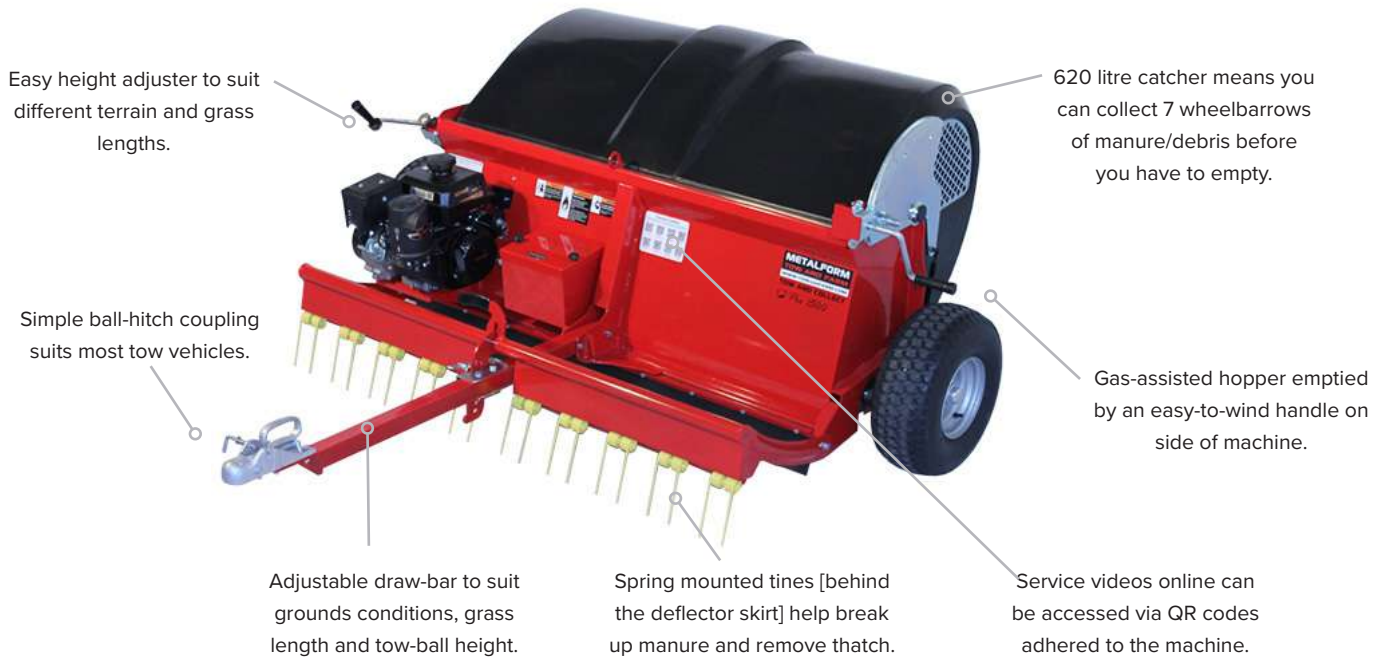
Cover ½ acre
in just 10
minutes

Fast collecting, large capacity and easy to use.

The Tow and Collect offers you an efficient solution to collecting horse manure, alpaca manure, goose faeces, tree nuts and other debris and will give you unprecedented productivity, while saving you hours of backbreaking work. The 1500 features a heavy duty 4-stroke petrol engine which means the brushes constantly rotate, no matter what speed you choose to drive. This drives counter-rotating nylon brushes which flick the manure into the rear mounted hopper as you drive along!

The 1500mm (5 feet) wide pickup and easy-to-empty 620 litre (165 gallon) hopper means you can fit approx 7 wheelbarrow loads before you need to empty. When you are ready to empty, just reverse up to a designated dumping spot and wind open the gas-assisted hopper with a handle conveniently located on the side of the machine.

Not only do you clean your pastures with the Tow and Collect, you minimise the potential parasite re-infestation – as removing the manure will reduce the faecal egg count. Because of the serious width of the Pro 1500, you can completely cover a ½ acre in just over 10 minutes. Whereas, when using a vacuum you are required to stop and start each time you needed to pick up manure/debris, aim the hose at the pile and wait for it to be sucked up before you could move on.



Engine Specs

| Model | Collection Width | Collection Capacity | Model | Fuel | Brush Drive System | Jockey Wheel |
|----------|--------------------|--------------------------|--------------------|---------------------|-----------------------------------|--------------|
| Mini 700 | 700mm (28 inches) | 320 litres (84 gallons) | None | N/A | Chain Drive from Wheel Traction | Optional |
| 1220 | 1220mm (48 inches) | 500 litres (132 gallons) | None | N/A | Chain Drive from Wheel Traction | Optional |
| 1500 Pro | 1500mm (59 inches) | 620 litres (165 gallons) | Kohler CH270 - 7hp | 4-stroke, 91 octane | 2:1 Reduction Gearbox with Clutch | Optional |

Reliable, sturdy and easy to maintain.

Cover large area's quickly

The 1500 Pro can be towed at up to 12 km/hr depending on terrain and grass length, which means you can cover large areas very quickly. The emptying mechanism is gas-assisted to make the weight of the full hopper of manure, easy to unload.

Constant Brush Drive

A 7hp Kohler engine coupled with a 2:1 reduction gearbox and clutch rotates the brushes at a constant speed regardless of what forward speed is being achieved.

Collection Capability

The Tow and Collect will pick up horse manure, alpaca manure, goose poop, dog poop and other loose debris. It is most effective when the grass is less than 125mm (5 inches) long.

Build Quality

Designed and manufactured in New Zealand for the toughest conditions, construction is 4mm thick (6 gauge) high grade steel which is zinc sprayed

Options



Jockey Wheel

Make storage and the attachment process easy with a retro-fit jockey wheel that will make manoeuvrability painless.



Easy to operate with on ATV



Replaceable nylon brushes



Sweep/clean all type of pastures

| Electric Key Start® | Dimensions/Size (L x W x H) | | Weight | | Tow Hitch |
|-----------------------|------------------------------|---------------------------------|----------------|----------------|---------------|
| | Assembled | Shipping / Crated | Assembled | Crated | |
| N/A | 2.1x1.1x1.0m (7'x4'4"x3'3") | 1.45x1.1x1.1m (4'9"x3'7"x3'7") | 140kg (310lbs) | 185kg (410lbs) | 50mm Coupling |
| N/A | 2.1x1.9x1.0m (7'x6'2"x3'3") | 1.45x1.62x1.1m (4'9"x5'4"x3'7") | 190kg (420lbs) | 240kg (530lbs) | 50mm Coupling |
| Yes - with pull start | 2.2x2.0x0.9m (7'3"x6'6"x3') | 1.5x2.1x1.0m (4'9"x6'8"x2'3") | 245kg (540lbs) | 325kg (720lbs) | 50mm Coupling |

Freight and Warranty Information

Fast freight to your door nationwide.

We endeavour to carry stock and dispatch orders within 2 working days.

If by some chance we are out of stock of the ordered product, we will contact you within 1 working day and advise of expected delivery.

Warranty

We warrant the Metalform products against defects in materials and workmanship.

The term of this warranty is one year from date of purchase.

This is a parts only warranty. You are responsible for disassembling the defective part and reassembling the new part. We shall not be responsible or liable for the cost of field labour or other charges incurred by you in removing and/or reassembling any part.

This warranty is void in circumstances where:

- a. The Metalform product has been misused, abused, neglected or damaged;
- b. The Metalform product has been improperly assembled, repaired, serviced or maintained;
- c. The Metalform product has been modified;
- d. The Metalform product has been connected to other equipment with which it is not compatible; or
- e. The Metalform product has been used for purposes other than for which it was designed.

To make a warranty claim, contact us at the address below. Describe the problem to us. We will tell you what to do next.

If we need to inspect, test or repair the part that is the subject of your claim, it is your responsibility to ship the part to us at your cost. If we accept your warranty claim, we shall either repair or replace the defective part in our discretion. We shall then ship the part back to you at our cost.

If the Metalform product is off-warranty or otherwise not subject to a valid warranty claim, we will repair or replace the Metalform product, or part thereof, at your cost.

Our sole responsibility is to repair or replace a part that is subject to a valid warranty claim. Under no circumstance will we be liable for direct, indirect, incidental, special, or consequential costs or damages to the maximum extent permitted by law. The foregoing disclaimer extends to damages for personal injury, damages to other equipment, other property damage, whether suffered by you or by a third party. We accept no liability resulting from your failure to heed the assembly, use, maintenance and safety instructions in our Owner's Guide & User Manual.

This is an express warranty. We disclaim any other express or implied warranties, including warranties of merchant-ability or fitness for purpose, to the maximum extent permitted by law. Some jurisdictions do not allow limitations or disclaimers of implied or statutory warranties. Some jurisdictions do not allow disclaimers or exclusions of consequential or incidental damages. Therefore, the above disclaimers, limitations and exclusions may not apply in all jurisdictions in which we sell the Metalform products.

This warranty gives you specific legal rights. You may have other rights or remedies pursuant to the laws in your territory. Nothing in this limited warranty should be construed as limiting or restricting any other statutory right or remedy that is available to you, except for such limitations or restrictions herein as may be allowed by the law of the territory.

Engine Warranty's

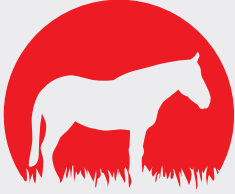
The engine on a Metalform product comes with its own manufacturer's warranty as detailed below. See the manufacturers site for more details.

Metalform (Tow and Collect 1500 Pro Only)

Kohler CH270 Kohler Engine – 3 year Worldwide Warranty

TOW AND COLLECT BY METALFORM

**Cleaner paddocks, healthier pasture.
The fastest paddock groomers available.**



**HORSE POO
PICK UP**



**ALPACA POO
PICK UP**



**GOOSE POO
PICK UP**



**CLAY BIRD
PICKUP**

Also manufactured by Metalform

TOW AND MOW BY METALFORM

A trail mower/slasher that can be towed by an ATV or quad bike with no requirement for large machinery or tractors.

The Tow and Mow has been perfected over the past 20 years resulting in a robust and simple design which is now sold all across the world for small farms, municipalities and small block holders.



**Visit the Tow and Mow website
www.towandmow.com for more information**





METALFORM

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