

MORE VALUE
FOR YOUR FIELD

KAWECO



PROFI III GEN. 2

KAWECO – MORE THAN 60 YEARS OF EXPERIENCE

FOCUS ON ADDED VALUE

KAWECO B.V. is a renowned manufacturer of agricultural machinery and has been synonymous with robust, reliable and innovative products in slurry technology for decades. KAWECO has been developing and manufacturing its own machines since the 1960s, including irrigation technology, silage trailers and slurry tanks.

KAWECO was born out of a passion for agricultural machinery. We share this passion with our customers. We care about the soil and the entrepreneur. Reliable, fast and efficient, so that the right measures can be taken at the ideal time. According to our philosophy, every machine must above all be beneficial to the soil. As a result, a KAWECO machine offers added value for the soil, the plants and the entrepreneur of today and for future generations.

In order to meet the needs of our customers and to be able to produce efficiently, KAWECO machines are modular in design. All machines (both standard and custom-made) are manufactured exclusively on request in a well-equipped production facility using modern techniques and experienced specialists. Sheet metal work, welding and painting are all carried out on site in the Netherlands. This enables us to guarantee the quality of our products. KAWECO machines are designed for quality. This means that only quality components are used in production.

At the beginning of 2025, KAWECO was taken over by the German company Josef Kotte Landtechnik. With the founding of KAWECO B.V. and a transition phase, the production of slurry tanks began at the new location in Baak. This means that the focus is once again on slurry technology – supplemented by the continued supply of spare parts and service.

The KAWECO logo consists of the word "KAWECO" in a bold, black, sans-serif font. The text is centered within a solid orange rectangular background. Above the orange rectangle, there is a thin, dark horizontal line that extends slightly to the left and right of the text.

ADDED VALUE OF THE **PROFI III GEN. 2**

Meet the future of slurry technology: the PROFI III GEN. 2. A professional contracting machine with a self-priming centrifugal pump as the highlight.



SELF-PRIMING SYSTEM

With a pumping capacity of up to 15.000 litres per minute, the PROFI III GEN. 2 is a true capacity machine. The self-priming principle works without the use of an additional pump. This results in lower maintenance costs thanks to the relatively simple system.



MANOEUVRABLE AND FLEXIBLE

The steering of the axle(s) is done by the so-called gyroscope steering. Determining of the steering angle is done via the gyroscope principle. As a result no steering rod between tractor and tank is needed. In short: easier hitching, fewer rotating parts and more precise steering.



CLEAN DESIGN

In the development of the PROFI III GEN. 2, much attention was paid to the design and finish of the machine. Characteristic are the flat covers on the front and rear of the tanker, allowing the slurry injector to be mounted shorter on the tanker. The hydraulic box provides protection and provides a neat finish for the hydraulic components. All in all, a machine with a compact design and a modern look.



VERSATILE

The sophisticated design of the PROFI III GEN. 2 makes the machine versatile. Standard attachments at the rear of the tanker allows mounting of injectors with three- to six-point linkage. The strong construction in combination with a high lifting capacity allows the mounting of slurry injectors with a weight of up to 9 tonnes.





ORIGIN OF THE **TANKER**

QUEST PUMP SYSTEM

One of the reasons behind the development and production of the PROFI III GEN. 2 was the desire for a pump system with high capacity, low wear pattern and yet accurate dosing. A self-priming centrifugal pump met all three requirements and therefore quickly proved to be the best solution. The system operates completely independently and is therefore not dependent on an additional vacuum or rotary lobe pump that entails additional costs and maintenance.

MERGING SERIES

It was also desirable to reduce the number of tanker series in order to keep the product range clear for the customer. To be able to offer one professional contractor tanker, it was decided to merge the PROFI III and the Turbotank into one machine: the PROFI III GEN. 2. All in all, a capacity machine for the professional contractor.



POWERFUL CONSTRUCTION



The integrated chassis is the base of the PROFI III GEN. 2. A major advantage of an integrated chassis is the low centre of gravity that results from this construction method. This results in a stable and compact machine under all conditions. An additional advantage is that the machine always stays under four metres, even in combination with a crane arm and large tyres. In addition, the machine's own weight remains relatively low.

To achieve a lifting capacity of 9 tonnes, the hitch is partly attached to the tanker. Forces released when using the lifting device are thereby partially carried by the tanker.

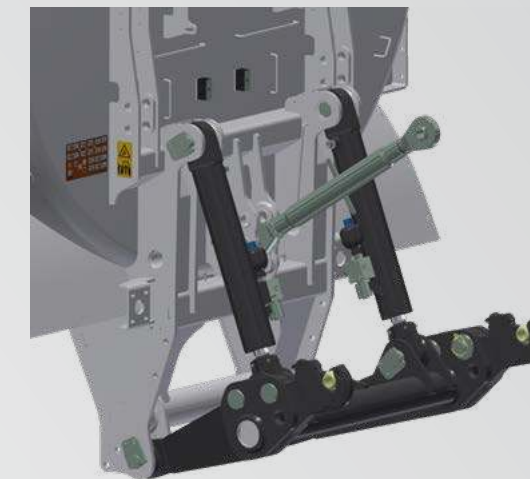
Heavy-duty FAD #150 mm axles are fitted as standard with a technical carrying capacity of up to 18 tonnes. These are hydraulically suspended as standard, allowing the tyres to perfectly adapt to the ground. Each axle can be suspended independently, ensuring optimum driving and working comfort under all conditions.

STANDARD EQUIPPED FOR GREAT WORK



ACTIVE DOSAGE

Applying the right amount of slurry in the right place has never been so important. To ensure the most efficient and accurate application, the PROFI III GEN. 2 comes standard with speed-dependent dosage. Depending on the pump speed and driving speed, the actual output is matched as closely as possible to the desired output. As the machine is ISO-BUS-controlled as standard, section control is always an option. This avoids unnecessary double spreading due to overlap.



POWERFUL HITCH

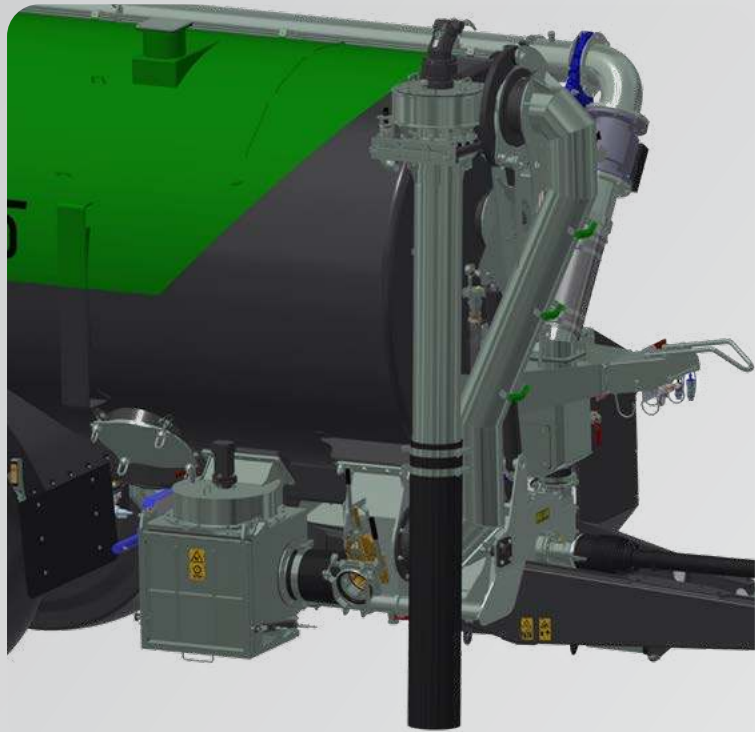
The Cat. 3 hitch with a lifting capacity of 9 tonnes allows attachment of the largest slurry injectors. It features active ground pressure control allowing the pressure of the injector on the ground can be adjusted completely from the cab. Furthermore, the hooks of the hitch have the possibility of pivoting in a vertical direction. When desired, the lifting hooks can also be secured, making them rigid.



OPTIMAL SLURRY ROUTE

The slurry route has a major influence on the capacity of the slurry pump. KAWECO always aims for a simple slurry route with as few bends as possible. In addition, the diameter of the slurry pipe is very important to achieve the desired flow. For the PROFI III GEN. 2 a deliberate choice was made for a large 8-inch output pipe towards the slurry injector. The filling pipe is always fitted with 10-inch piping.

OPTIMAL FILLING PROCESS



VARIOUS FILLING ARMS

Front Unit

Newly developed is KAWECO's Front Unit where the piping is routed over the tractor cabin. Universal use was an important starting point when developing the Front Unit. This makes it mountable on any tractor without the need for additional modifications. The filling arm is positioned to maintain a good view of the road or field. The Front Unit is available in both 8- and 10-inch versions.

Side filling arm

Another new development is the side filling arm. The pivot point here is operated by means of a cylinder which allows high docking. Depending on use, a normal slurry hose or a docking ball is available. The filling arm is positioned further to the front of the tanker, making it possible to mount wide slurry injectors that fold in and out sideways.

Crane arm

For filling deep slurry pits, a crane arm offers a good solution. Because the filling arm is mounted at the top of the tanker, it can be filled on both the left and right side. This filling arm has the greatest range with this solution, giving the user great flexibility.

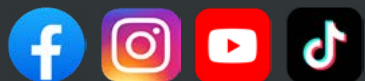
KAWECO PUMPGUARD

Unique to a centrifugal system is the use of a cutting device. In many cases it is advisable to use a cutting device so that unwanted objects are filtered or finely cut before entering the tanker. This can save valuable time during application as blockages in distributors or slurry hoses are prevented. Slurry entering and leaving the tanker is therefore always 'clean'.



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