

# MAVITEC

After two challenging years, we are happy to meet each other again in real life and look forward. In the meantime we have been focusing on investing, innovating, upgrading and improving our services. This year Mavitec is celebrating its 20th anniversary. Started with five people, nowadays with more than 200 employees, a state-of-the-art production facility in Turkey and growing amount of representatives and offices. We are proud to be your reliable partner over 20 years and our ambition is to keep offering the best rendering, gasification & green energy solutions and excellent service. With a growing global need for proteins and energy, processing organic by-products is an essential part of the answer to this problem. Our latest innovation is a machine that delivers the perfect plastic output, dry and extremely clean. The Paddle Depacker proved to be the most efficient and economic solution to depack a large variety of products. After creating the cleanest organic output our engineers have been focusing on upgrading the plastic fraction. They succeeded and we can't wait to show you our new machine!

Thank you for your trust,  
we look forward to keep working on a better environment together.  
*Maco van Heumen, CEO Mavitec*



## INNOVATION! Paddle Washer for cleaner plastic



The Paddle Depacker separates the organic fraction from the packaging and produces an extremely clean organic output (>99,5%), suitable for use in e.g. biogas/biodiesel installations. To fulfill the demand for a cleaner plastic output, we developed a machine that can be integrated into the Paddle Depacker line or any other depackaging system. The **Paddle Washer** is designed to produce a cleaner and dryer plastic output. Testing results show an extremely clean plastic and more yield in organic fraction. The machine washes the packaging and decreases the weight of the packaging output. A reduction in packaging weight up to 30% can be realized, resulting in significant savings on disposal costs. After a successful testing period the machine is available to market now. **Interested?** Contact our [Sales Department](#).

## Mavitec factory 12,5 years

Our Mavitec Turkey team is celebrating 12,5 years of craftsmanship and quality. Mavitec's own factory offers high tech production facilities, state-of-the-art machinery and latest technologies. Over 100 employees work with passion to offer the highest quality and best service. Recently a third production hall has been added to complete our 14.000 m2 field, including three halls for cutting & bending, machining and production (carbon and stainless steel), warehouse and offices.



## Mavitec Green Energy

## On the road again! Paddle Depacker Roadshow #2

Test your own material at your own site

To follow up the success of the first [Paddle Depacker Roadshow](#) a second trailer is available to serve more customers. Our mobile test unit offers a unique opportunity to test your own material on your own site. The new trailer is upgraded with a power generator, so ready to go! The Paddle Depacker turns thousands of tons supermarket and other organic waste into the cleanest organic soups for use in biogas/biodiesel installations.

The unit has a capacity up to 30 m<sup>3</sup> per hour.

**Interested?** Watch the [video](#) and ask for a demonstration. Want to **test your own material**? Contact us for [rental options](#).



## Mavitec Rendering



## Saving energy with PCRS

Mavitec's Pressurized Condensate Return System (PCRS) is designed to reduce steam energy consumption up to 15%. This collection and pumping system returns steam condensate directly to the boiler without flash losses and improves heat transfer performance. Our **PCRS** reduces steam energy consumption up to 15% @10 bar(g) operation pressure. Want to know how to save energy costs? Within the rendering process there are plenty of opportunities to reduce energy costs. Interested in the opportunities and want to know what we can do for your business? Contact our [energy experts](#).

## Mavitec Environmental

## EcoChar and reducing CO<sub>2</sub>

Gasification: new way of solving manure issues

Gasification ensures a smaller environmental carbon footprint and will be one of the answers to future energy needs. Mavitec's gasification system converts various kinds of manure and other biosolids into renewable energy and valuable EcoChar, the end-product of the gasification process.

Gasification offers advantages such as volume reduction, production of renewable energy and reduction of CO<sub>2</sub>. EcoChar still contains the mineral content and fixed carbon (45%). Thanks to high **P, K, Ca** and **Mg** values **EcoChar** improves soil fertility and lowers the amount of nutrients needed.

Want to know more about the economic and environmental advantages and how it is made by [Mavitec's gasifier](#)? Download the [flyer](#) or ask for a sample: [sales@mavitec.com](mailto:sales@mavitec.com).



Customer Case

## Profit out of poultry processing

### MHP produces premium quality meals

In the magazine of Dutch Poultry Centre one of our dear valued Ukrainian customers - the largest poultry processing companies in Europe - talks about creating extra income from poultry production. Together with Mavitec it installed multiple integrated rendering facilities to convert intestines, feathers and blood into premium quality products such as feather meal, blood meal, poultry meat meal and oil. MHP constantly focuses on improving processes by optimizing and modernizing equipment and production lines. To get super-premium quality feed, it is important to minimize the time from receiving the waste to delivering the finished product. MHP's time lapse is 6 hours max, with premium yields as a result. This means that rendering in some cases yields higher margins than ready made chicken. That is why rendering is not waste handling, but nutrient management, contributing to a desired circular economy. **Interested?** Read [complete article](#) on our website.



Customer Case

## Successful food waste processing

Together with our Croatian partners Marko List and Zlatko Špoljar we installed a [Paddle Depacker](#) at Roto Trans in Zagreb. This unit turns a variety of shop/supermarket returns and other food products into the cleanest organic soups (>99,5% clean). The machine is able to process all kinds of packed food waste, from big cans, dairy products, ice cream, plastic bottles to fruits and vegetables and mixed products. Variable screens, click & go system for paddles and screens and easy and low maintenance, makes this machine the perfect solution for the Croatian waste collector that is specialized in the recycling and disposal of all kinds of waste. **Interested?** Watch the [video](#) on our website.



Exhibitions & Agenda



## Exhibition season is on!

After two years without exhibitions we finally had the chance to meet and greet customers in real life again. It was a great pleasure to host [several shows](#) in the USA, France, UK, South Africa, Germany and The Netherlands.

Nice to meet you later this year at:

- |  |                 |
|--|-----------------|
| <b>Entech</b> , Izmir, Turkey            | 08 - 11 Sept    |
| <b>Ecological Fair Novi Sad</b> , Serbia | 28 Sept - 2 Oct |
| <b>Gas Renewable Valladolid</b> , Spain  | 05 - 06 Oct     |
| <b>Ecomondo Rimini</b> , Italy           | 08 - 11 Nov     |
| <b>Energy Decentral</b> , Germany        | 15 - 18 Nov     |

## Solar panels

Mavitec contributes to a lower CO2 footprint. Not only by offering technologies that contribute to the least possible impact on the environment, also by acting. The installation of 244 solar panels at our headquarters has started. Annual energy production will be 117 MWh, to provide **100%** our own energy consumption and ultimately save on CO2 emission that is equivalent to 2713 planted trees.



## Customized colours

Five Paddle Depackers are ready for transportation to several installations across Europe! It's also possible to customize a machine to clients needs, for example in the corporate identity colours. Contact us for [possibilities](#).



## Meet Mavitec

Recently we expanded our **Sales Department and international network** with new colleagues and representatives.

We are proud to welcome back an old colleague: Ruud van der Voort has expanded our Sales team, specialized in rendering.

**Area Sales Manager**  
**Ruud van der Voort**  
[rvandervoort@mavitec.com](mailto:rvandervoort@mavitec.com)



With experience in the poultry and rendering business from over 22 years, we welcome [Christo LeGrange](#), located in Johannesburg, as representative for the African market.

**Representative Africa**  
**Christo Le Grange**  
[clegrange@mavitec.com](mailto:clegrange@mavitec.com)



## Can we help you? Contact us!

For all your questions, need for support or assistance, contact our service experts:

**Service & Assistance** [service@mavitec.com](mailto:service@mavitec.com)  
**Spare parts** [spareparts@mavitec.com](mailto:spareparts@mavitec.com)  
**General** [info@mavitec.com](mailto:info@mavitec.com)

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## MAXIMIZE THE VALUE OF YOUR BY-PRODUCTS



Can we help you? Contact us: +31 (0)72 574 59 88 | [info@mavitec.com](mailto:info@mavitec.com) | Connect with us on [LinkedIn](#)

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