

TPR Tablet Press for Production of Challenging Natural Medicines

SYNTEGON
PROCESSING & PACKAGING



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We selected Syntegon for this project because Metagenics needed high quality and excellent reliability. The implementation was difficult due to covid, but we are happy with the operation.

John Gleen (Plant Manager),
Metagenics



CHALLENGE

Metagenics, an Australian industry leader in natural medicines, was in need of a complex tablet press capable of delivering maximum performance but also suitable for different products, such as free-flowing and sticky powders. Besides the demanding products, the time difference between Germany and Australia also presented a challenge, especially since no technician was allowed to travel to Australia for machine commissioning due to the Covid-19 pandemic.



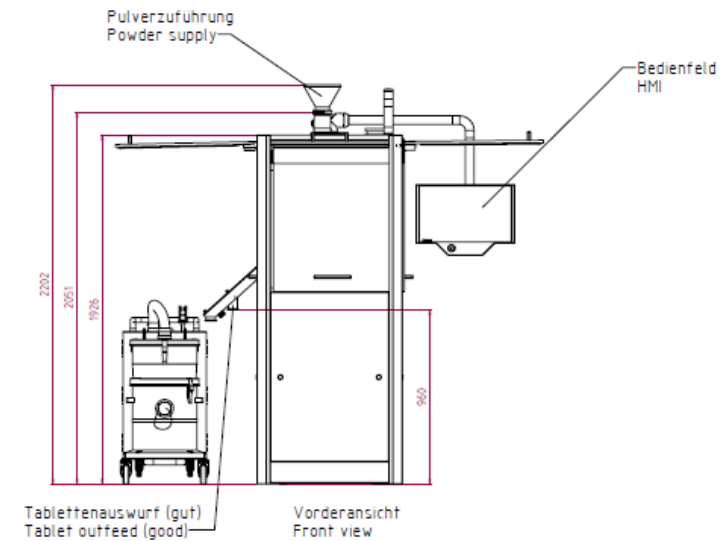
SOLUTION

To save time and guarantee the successful compression of the challenging products into tablets, we continued to conduct tests with our TPR 200 in three paddle execution in our OSD Customer Center in Waiblingen, while the finished customer machine was being shipped to Australia. To address the time difference and the Covid-19 restrictions, our project team made themselves available in the late evening to optimise support to customer and agent in Australia.



BENEFITS

The new Syntegon tablet press TPR 200 offers Metagenics a compact machine with D-tooling and an output of more than 90 000 tablets per hour. The three-paddle feeder was developed especially for challenging products and the rapid changeover times of our tablet press to enable Metagenics to bring their diverse portfolio into production. Thanks to the efforts from both sides the project schedule was successfully achieved.



PROJECT

Metagenics first contacted Syntegon in August 2019, looking to increase their in-house production capacities with the newest technology in tablet production. For its diverse portfolio Metagenics needed a compact machine, with good tablet quality and an output of more than 90 000 tablets per hour. To meet these standards, our Pharma Services department came up with the perfect process parameters to also compress the fluffy, free-flowing and sticky powders reliably on our TPR 200. Despite challenging conditions, together we were able to reach a solution. Quick feedback and commitment from both sides resulted in a successful project outcome.



PRODUCTS

Syntegon TPR 200 tablet press:

- D-Tooling
- Three paddle feeder
- Real max. output: 90 000 tablets/h (punch type: 20 D)

Customer Products:

Metagenics produces a diverse product portfolio, mainly for the Oceania market, e.g.:

- Pain & Inflammation
- Magnesium
- Probiotics & Prebiotics

Syntegon Technology GmbH
+49 711 811-0
packaging-ph@syntegon.com
www.syntegon.com

