

“Because our CHP performs as promised, we can rest assured!”

Martin van der Knaap,
Owner of M. en R. van der Knaap B.V.



“Higher margins – as an entrepreneur, that puts a smile on your face!”

“As a company that covers almost 11 hectares, CHP is a highly cost-effective solution for us. On the one hand, our three CHPs help to reduce the energy costs per square metre. What’s more, you can also pass these savings on to lower the cost price of your product. And this results in higher margins. As an entrepreneur, that puts a smile on your face!”



“Everyone kept their promise, which has led to a flawless implementation!”

“We’ve been operating at our current location since 2003. With a company surface area of 10.8 ha, a CHP offered attractive possibilities. When we started to look around, we found that the price levels of CHPs were more or less comparable. We therefore had to use other criteria in the selection of a supplier. The decisive factor for us was the short lead time offered by MWM. And we do not regret the choice we made. The systems were supplied and installed entirely according to schedule. And because they perform as promised, we can rest assured!”

“I’ll be honest with you, at first I wasn’t quite sure everything would work out. I was dreading the project and afraid that it wouldn’t be finished in time, that we would be faced with teething problems which would ultimately compromise the continuity of my business. But I was wrong. Before the launch, we entered into crystal-clear agreements as to who was to do what and who was responsible for which process. Everyone kept their promise, which has led to a flawless implementation!”

“We were lucky, as MWM was the only supplier with such a short lead time!”



Van der Knaap, Berkel en Rodenrijs

Project name	Van der Knaap 1, 2 & 3
Client contact	Martin van der Knaap
Town	Berkel en Rodenrijs
Country	The Netherlands
Crop	Vine tomatoes
Company surface area	10.8 ha
Workforce	12 permanent employees
Company formation date	2003 (at current location)
CHP since	2007



Technical data

Commissioning date	July 2007
Motor type	2x TCG 2020 V20 and 1x TCG 2020 V16
Generator type	10 kV AvK generators
Engine power	2000 kW and 1500 kW
Electrical efficiency	> 42 %
Flue gas filter	2x ECO2 Pro 64 and 1x ECO2 Pro 48
Interior or exterior set-up	2x TCG 2020 V20 interior set-up (Van de Knaap 1 & 2) 1x TCG 2020 V16 exterior set-up (Van der Knaap 3)
Return delivery to mains	Yes
Encasing noise requirements	70 db(A) at 1 metre
Low voltage distributor	N/A (in connection with 10 kV medium voltage)



Details

Van der Knaap opted for the best possible installation of the total energy systems. By paying ample attention to the casing, we've implemented an efficient, quiet and clean solution.