

## MANUFACTURER QUALIFICATIONS AND CERTIFICATES

### Project management and engineering

- Certified quality management ISO 9001
- IRIS certification according to ISO/TS 22163

### Production and system integration

- Certified welding competence according to EN15085-2
- Certified bonding competence according to DIN 6701
- Certified production control according to EN 1090
- Qualified supplier (Q1) of Deutsche Bahn AG for MPV® VentuS® type DB GAF

### Environmental management at the headquarter in Rheine

- Environmental management system according to ISO 14001

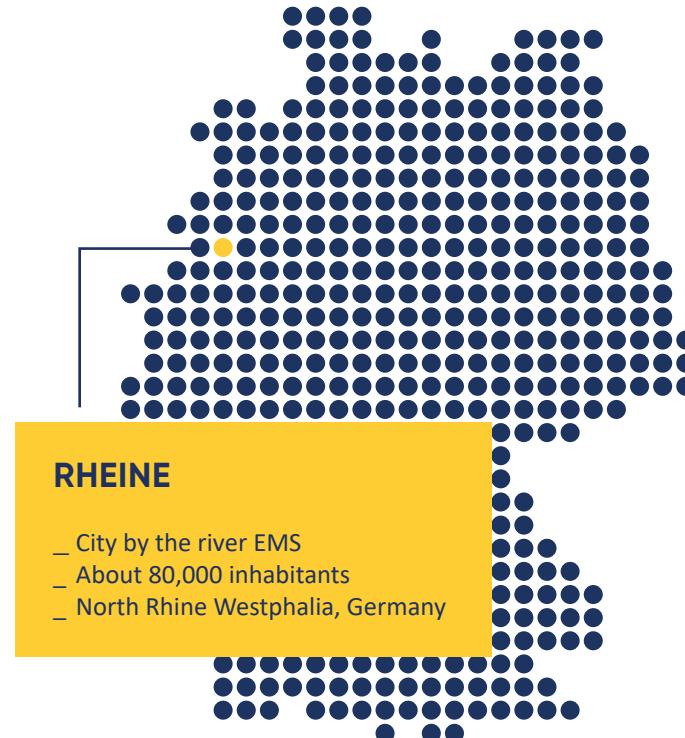
### Admission

- Approval according to valid standards and guidelines
- Standardised approach with admission concept

## THE FIRST MPV® VentuS®-NV ARE ALREADY IN THE REALIZATION PHASE!

- **A 3 SECTION WORKS TRAIN** for the Urban Works Transport Company Ltd in Frankfurt am Main (abbrev. VGF)
- **A rail grinding vehicle** for moBiel GmbH from Bielefeld
- A train **with two rail grinding vehicles** for Urban Works Transport Company Ltd. Frankfurt am Main mbH
- **Successful realization of the modular VentuS®-NV construction:** crane module, cabin module, platform module and much more.
- **Successful realization of modular built-in components:** In particular, the modular drive system, which allows emission free operation according to the future valid regulations (e. g. electric - overhead line, battery-electric, or similar).

## PRODUCTION AND COMPANY HEADQUARTER



## CONTACT US

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## THE MODULAR SYSTEM THAT MEETS YOUR REQUIREMENTS

# MPV® VentuS®- NV

The new generation in public transport



Multi Purpose Vehicle (abbrev. MPV®):

### MODULAR

Modules for cranes, cabins, frames, etc.

### MULTIFUNCTIONAL

Maintenance | Measuring | Rail grinding

### SUSTAINABLE

Solutions for today and for the future  
Zero Emission

 **WINDHOFF**

## QUALITY MADE IN GERMANY

### Sophisticated modular vehicle concept

- Rail grinding vehicle (bi-directional)
- Track work vehicle

### Modularity

- Vehicle width and track gauge
- Vehicle concept
  - Driven
  - Non driven

### Further equipment features

- With different working bogies (e. g. grinding bogie)
- With measuring equipment
- With snow clearing equipment
- With overhead wire de-icing equipment
- With water dispensing system for lawned routes
- With a speed of up to 60 km/h

## WINDHOFF MPV® VentuS®-NV WITH ZERO EMISSION TO CONSTRUCTION SITE

### Standardised procedure with approval concept

- Approval according to valid standards and guidelines
- Vehicle is handed over ready for use and approved incl. approval, training and documentation

### Equipment

- With your chosen working equipment
- With customized train protection systems
- With driver assistance systems
- With customized information and communication equipment

## STANDARDIZATION AND HIGH FLEXIBILITY

### Modular bogie concept

- Standardised bogie types
  - Traction and running bogies
  - Working bogies

### Modular cabin concept

- 2 different cabin lengths (basic)
- Modular interior design
- Capacity for up to 5 people (basic)

### Modular drive concepts

- e.g. electric overhead line
- e.g. traction battery
- e.g. diesel engine
- e.g. hydrogen engine
- e.g. fuel cell



All information  
in digital form

WE GO  
THE Xtra  
MILE.

 **WINDHOFF**