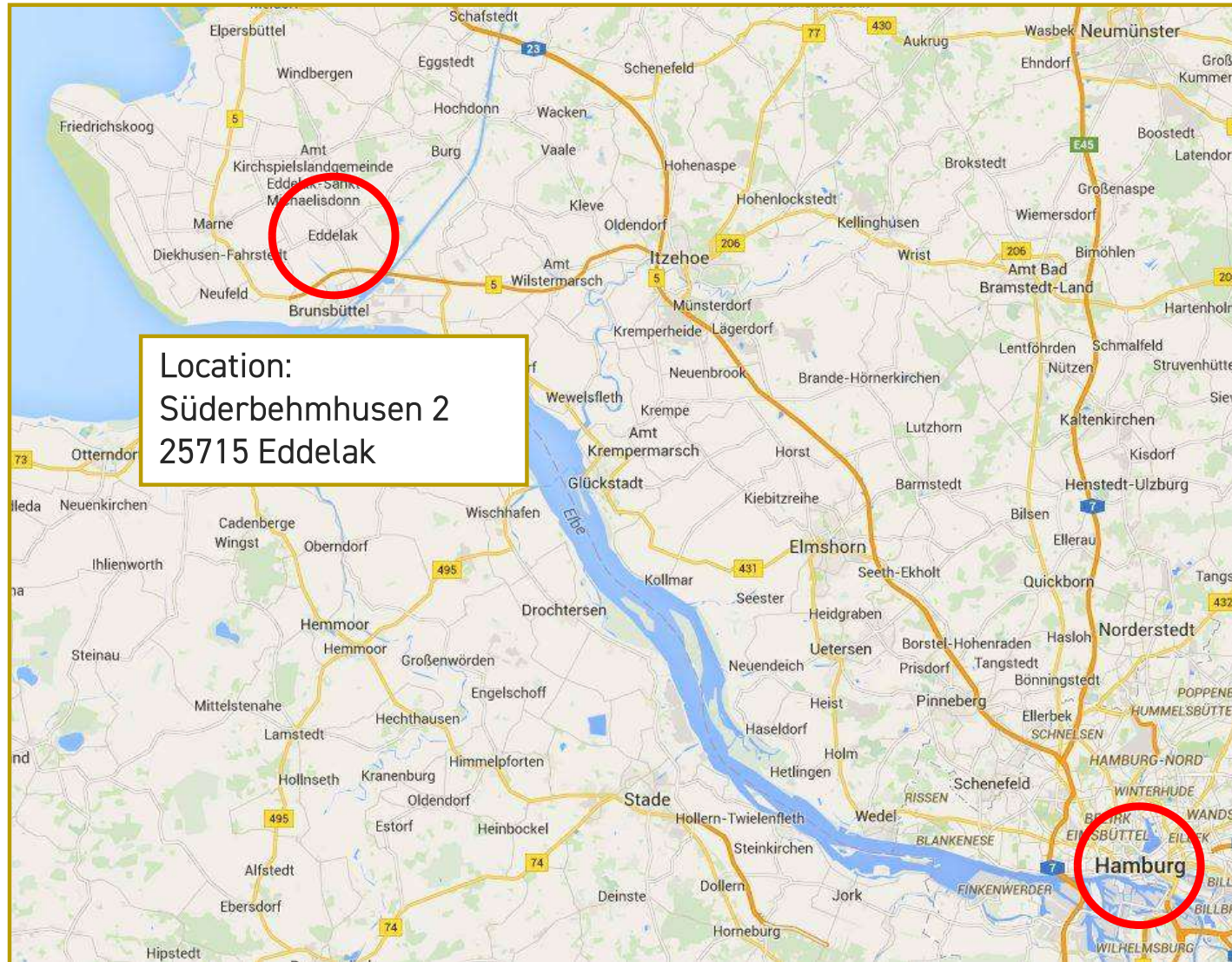


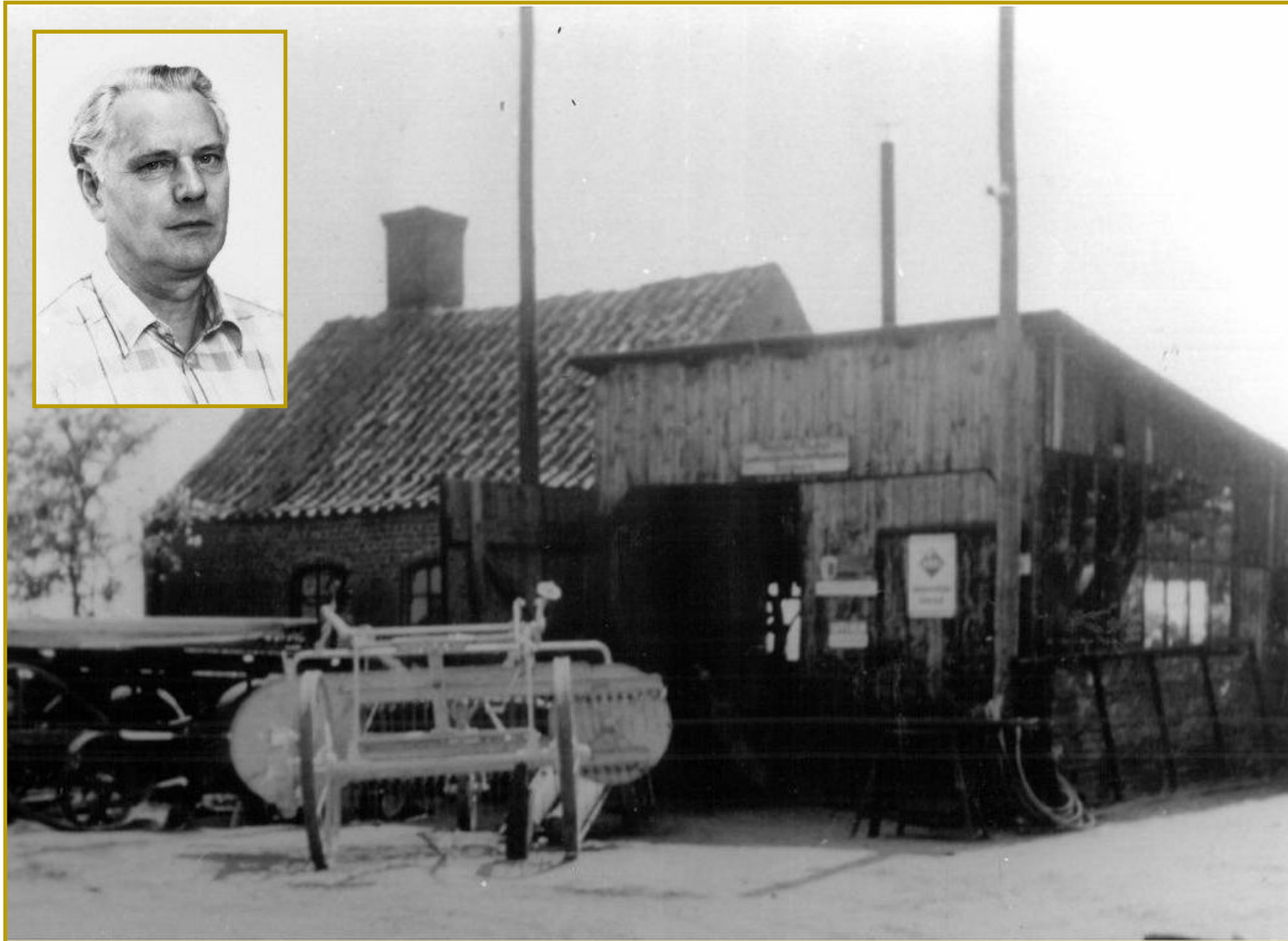
COMPANY PRESENTATION

Eddelak | 27.07.2026

1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY

1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY





Company founder Karl Wrede and the first company building



> 4,000 m² production area
85 x 15 m - cranes 4x 5 t, 2x 2.5 t
70 x 30 m - cranes 2x 12.5 t, 2x 5 t
Component weights up to 25 t craneable

Family business, second generation

Founded: 1960

Employees: approx. 45

Revenue: € 6 million (2025)

Revenue split: 45 % / 45 % / 10 %: industry / wind energy / other

Legal form: GmbH

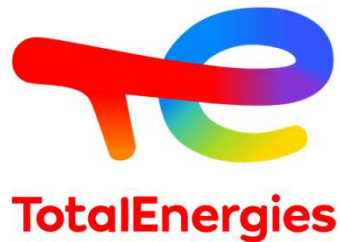
Managing Director: Arne Jürgens

Shareholder: Dipl.-Ing. (SFI) Jan Wrede

Total assets: € 4.9 million (31.12.2025)

Equity ratio: 77 % (100% self-financed / independent of banks)

- DIN EN ISO 9001 Quality management system (QMS)
- DIN EN 1090-2 EXC 3 Execution of steel structures
- DIN EN 1090-3 EXC 3 Execution of aluminium structures
- DIN EN ISO 3834-2 Comprehensive quality requirements for fusion welding
- AD 2000-Merkblatt HP0 Manufacture of pressure vessels
- DIN 2303 Q2 / BK1 – BK4 Welding of defence products
- certified specialist company under the German Water Resources Act („WHG-Fachbetrieb“)
- DNV WELDING WORKSHOP APPROVAL CERTIFICATE (WWA)
- in-house NDT personnel DIN EN 473 VT, PT, MT (Level 2)
- certified welders DIN EN ISO 9606 (MAG, MIG, TIG, MMA)
- Material re-stamping agreement TÜV NORD Systems GmbH
- DIN EN ISO 45001 Occupational health and safety management system
- ILO OSH 2001 Occupational safety management system (AMS)
- „Sicher mit System“ (SMS) Quality seal of the German employers' liability insurance





1. COMPANY
- 2. DESIGN AND CALCULATION**
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY

3D design (Autodesk INVENTOR)

Mobile coordinate and scan measurement

Frame structure analyses (RSTAB)

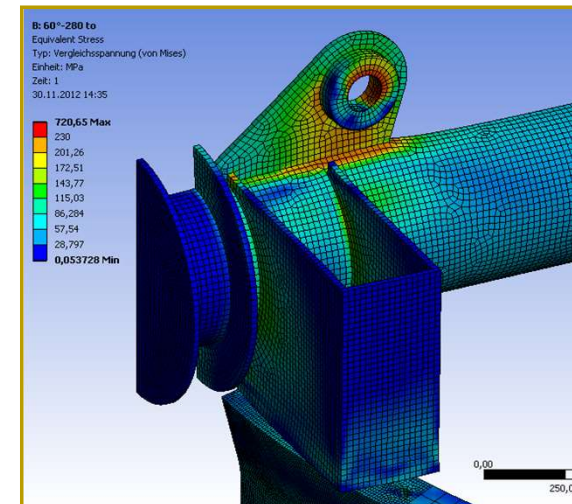
FEM analyses (ANSYS Pro NLS)

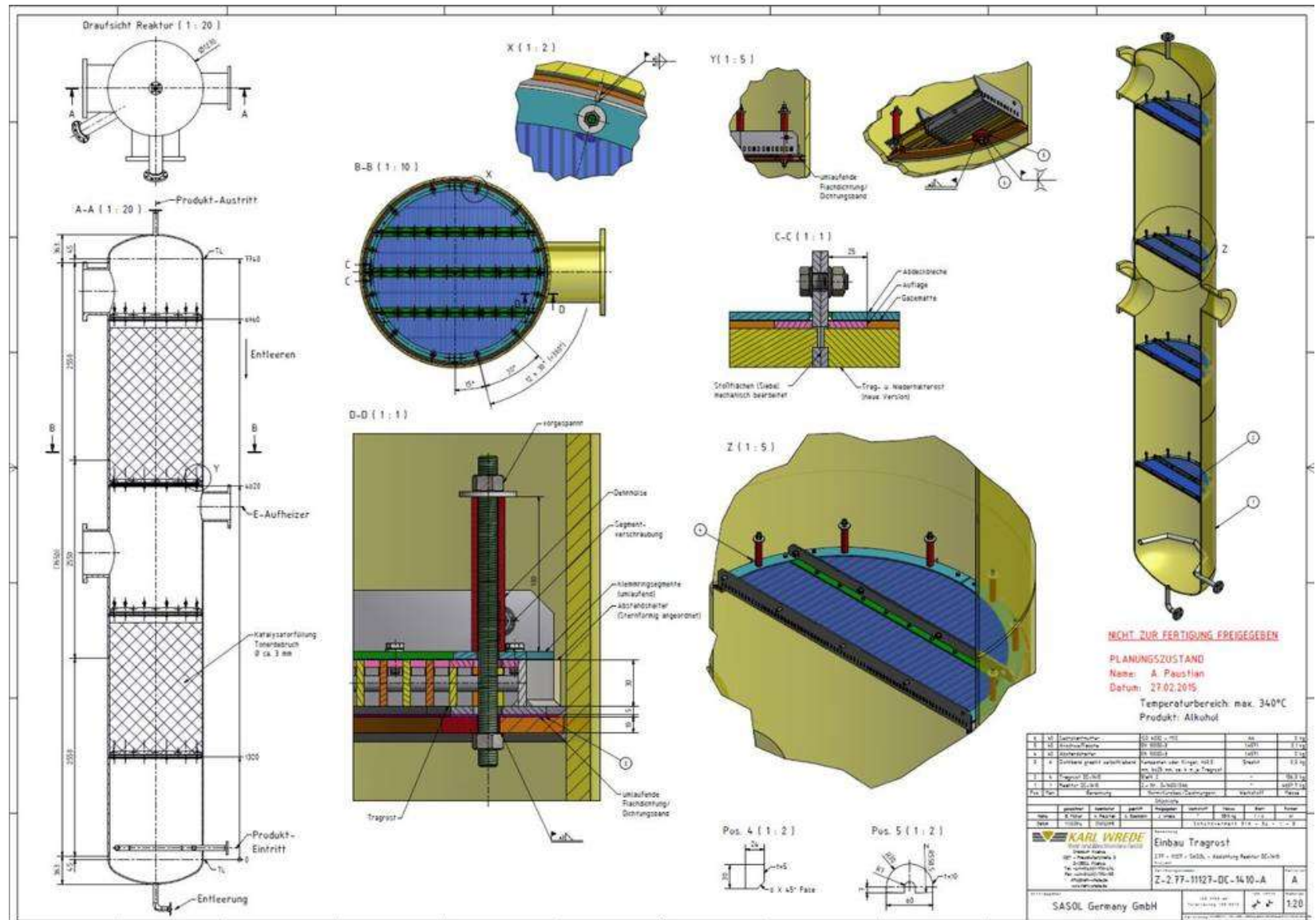
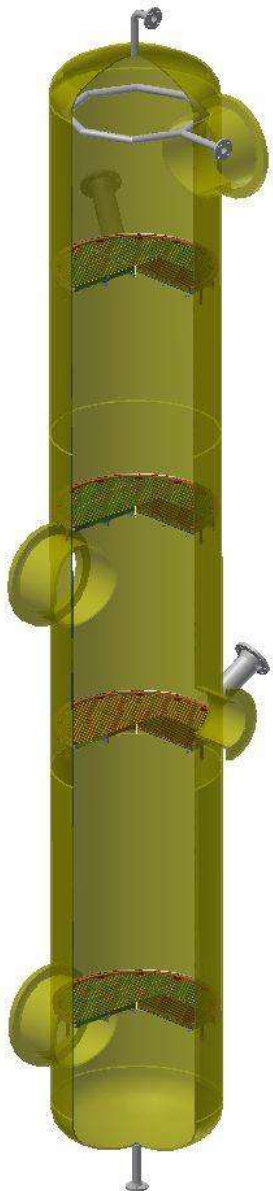
verifiable calculation documentation

Operating manuals

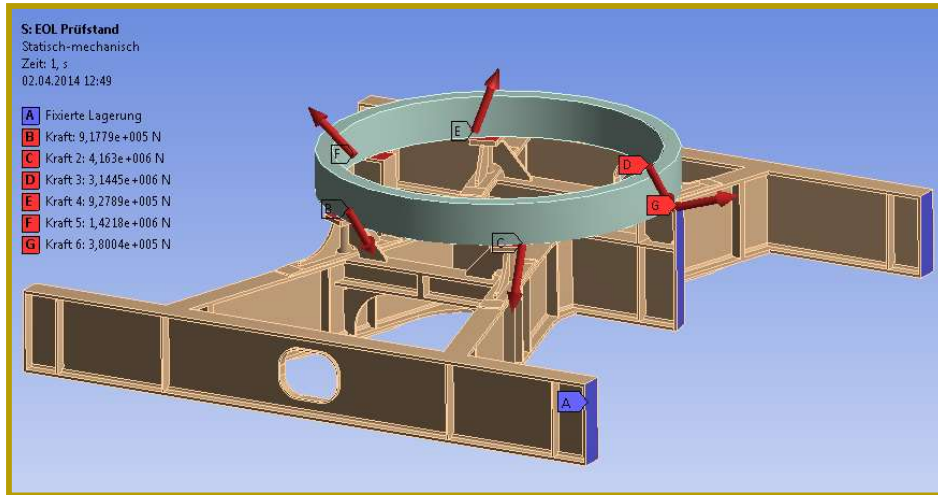
Risk assessments

Support for component certifications

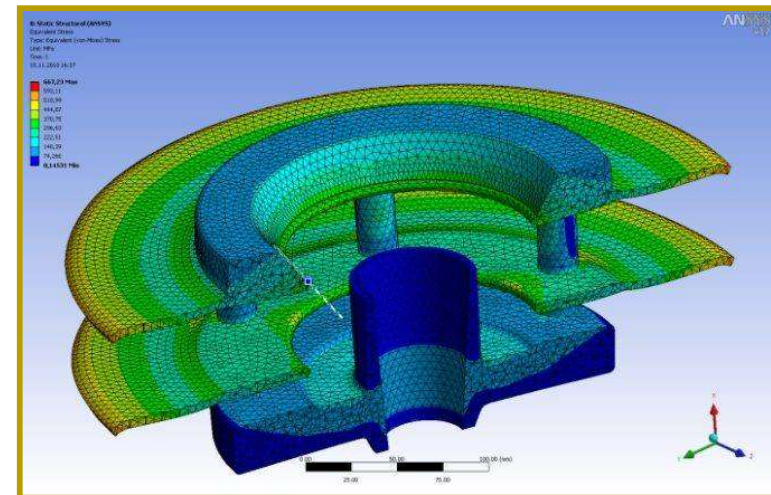




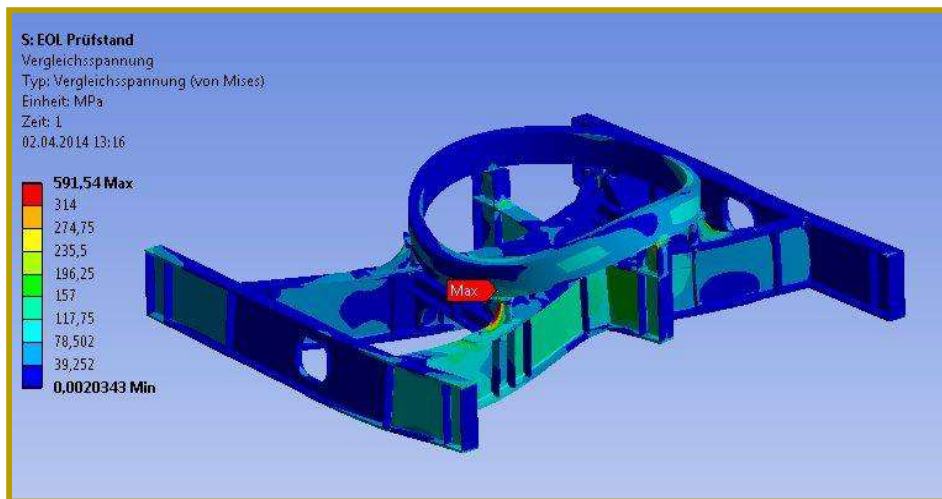
Design of a column sieve tray



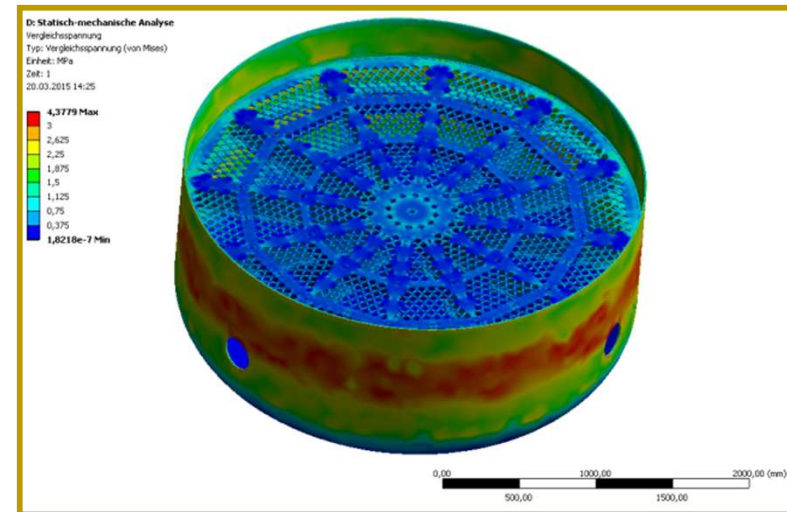
Transport rack for wind turbine



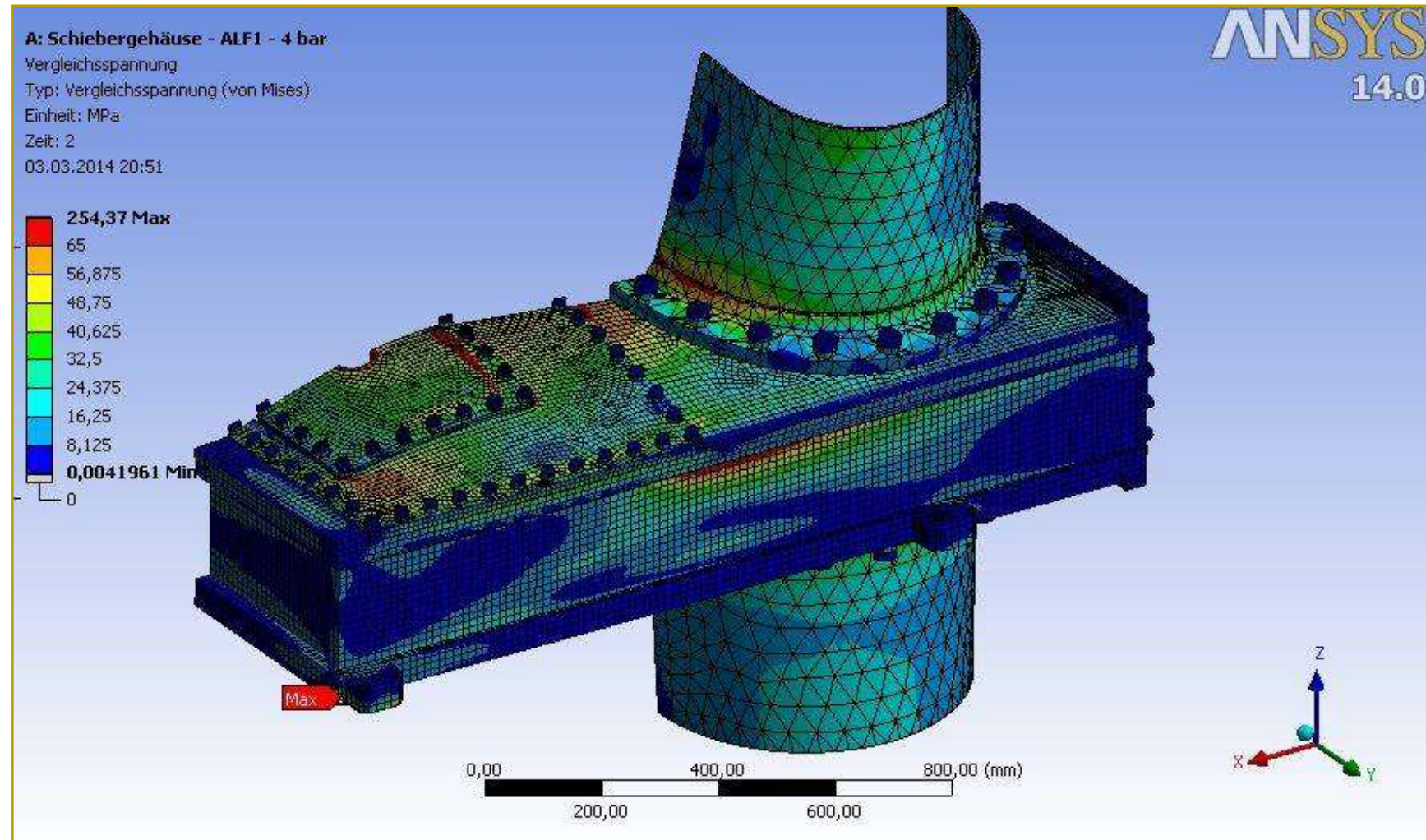
Disc stack for spray dryer



Transport rack for wind turbine



Reactor bottom head



FEM (finite element method) – calculation of a pressure vessel

Coordinate measuring machine Keyence WM-6225 3D laser scanning and tactile coordinate measurement



1. COMPANY
2. DESIGN AND CALCULATION
3. **MECHANICAL MANUFACTURING and LARGE PART MACHINING**
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY

MOST EXTENSIVE MACHINE PARK IN SCHLESWIG-HOLSTEIN (?)

EXTRACT FROM THE MACHINE LIST

MILLING

CNC travelling column milling machine up to x/y/z: 11,300/2,000/2,400 mm and 25 t unit weight

TURNING

Vertical turning lathe up to 4,500 mm turning diameter

LASER CUTTING

Working area X: 3,048 mm Y: 1,524 mm Z: 150 mm up to sheet thickness $t=20$ mm

PRESS BRAKING

CNC press brake with 600 t pressing force and 6,000 mm bending length

PLATE ROLLING

3-roll plate rolling machine 3,050 mm x 45/35 mm (4xD/1.5xD)



CNC travelling column milling machine Anayak HVM 12000
x/y/z: 11,300/2,000/2,400 – 25 t unit weight



CNC travelling column milling machine Anayak HVM 12000
x/y/z: 11,300/2,000/2,400 – 25 t unit weight



**CNC travelling column milling machine with vertical turning function SORALUCE
FL 5000**

x/y/z: 5,000/2,200/1,300 mm, 0.001° freely indexing milling head

Rotary table 1,750 x 1,750 mm at 250 min⁻¹, max. table load: 8,000 kg



CNC table-type boring mill UNION KC 130/1
x/y/z/w: 3,200/2,500/1,500/800 mm, max. table load 8,000 kg



CNC table-type boring mill UNION TC 110 with pallet changer
x/y/z/w: 1,500/2,000/1,600/550 mm, max. table load 4,000 kg



Vertical turning lathe Schless KZ 400-450 up to turning diameter 4,500 mm



Heavy-duty lathe RAVENSBURG P28

Swing $\varnothing$ over support 2,800 mm / in pit 5,500 mm, centre distance 7,000 mm



CNC turning centre DOOSAN PUMA 700
max. turning $\varnothing$ 900 mm x 3,000 mm turning length



Assembly for offshore cable layer



Dimensional inspection with FARO measuring arm

1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
- 4. SHEET METAL PROCESSING**
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY



Laser cutting system PRIMA POWER ZAPHIRO®
Working area x/y/z: 3,048/1,524/150 mm



CNC press brake TRUMPF TruBend 5230

230 t x 3,130 mm

Angle measuring system ACB Laser

bending aid and much more



3-roll plate rolling machine FACCIN HAV 3145

Rolling capacity: 3,050 mm x 45/35 mm (4xD/1.5xD), pre-bending capacity: 30 mm

- Laser-cut and laser-cut, bent parts
- Rolled parts
- Transition pieces
- Production of individual parts and assemblies
- Production based on samples
- Prototype construction
- Individual part and small batch production
- Development of customised solutions
in the field of chemical process equipment and vessel construction











1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
- 5. WELDED STRUCTURES**
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY

PRODUCTION RANGE

- Welded structures up to 25 t unit weight
- Steel construction
- unpressurised vessels
- Special pressure vessels
- chemical process equipment and components

CERTIFICATIONS

- DIN EN 1090-2 EXC 3
- DIN EN 1090-3 EXC 3
- DIN EN ISO 3834-2
- DIN 2303 Q2 / BK1 – BK4
- AD 2000-Merkblatt HP0
- Certified specialist company under the German Water Resources Act (WHG)
- DNV Welding Workshop Approval (WWA)



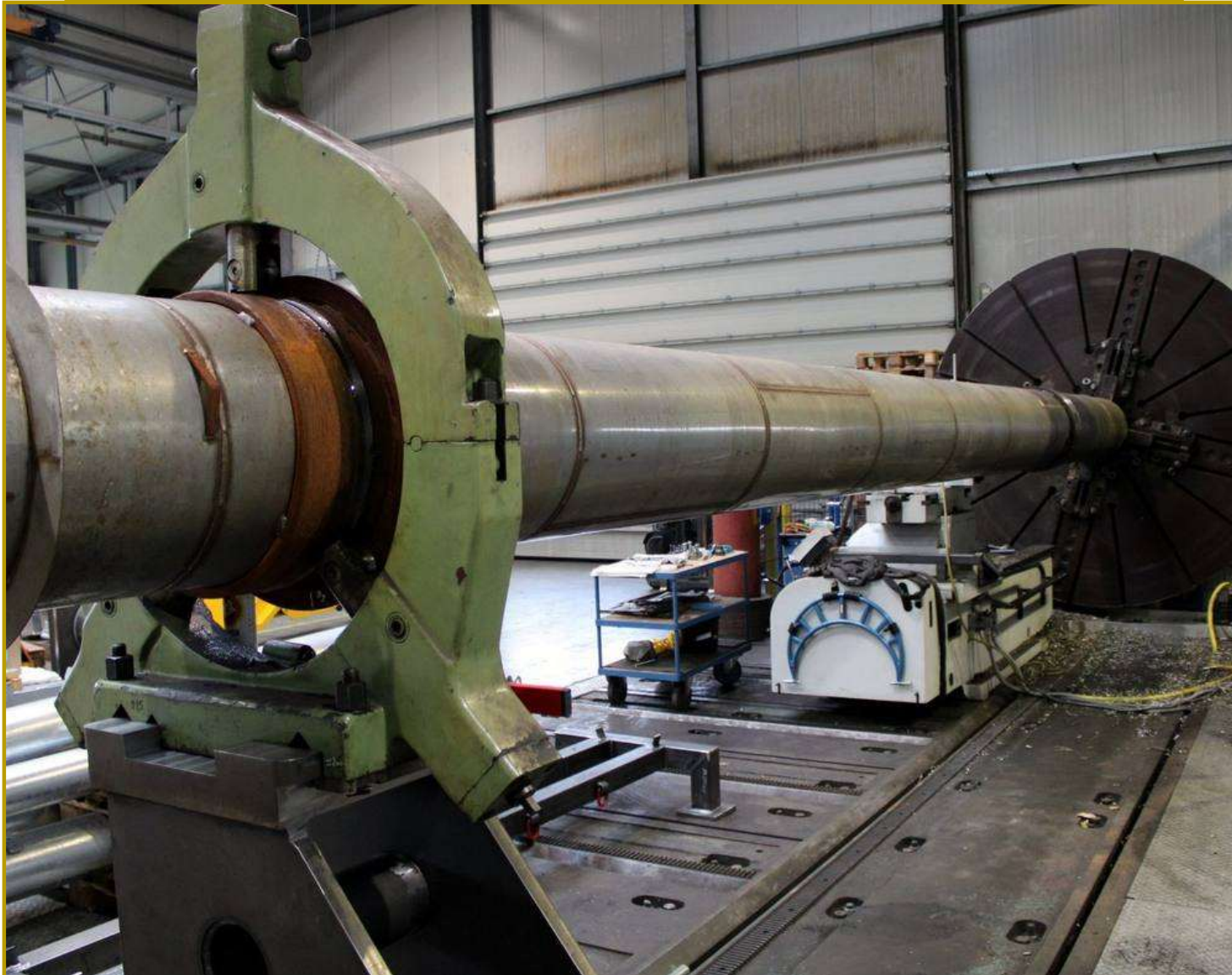






1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
- 6. JUST-IN-TIME REPAIRS**
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY







1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
- 7. INDUSTRIAL INSTALLATIONS**
8. LIFTING DEVICES
9. SOLUTIONS FOR WIND ENERGY





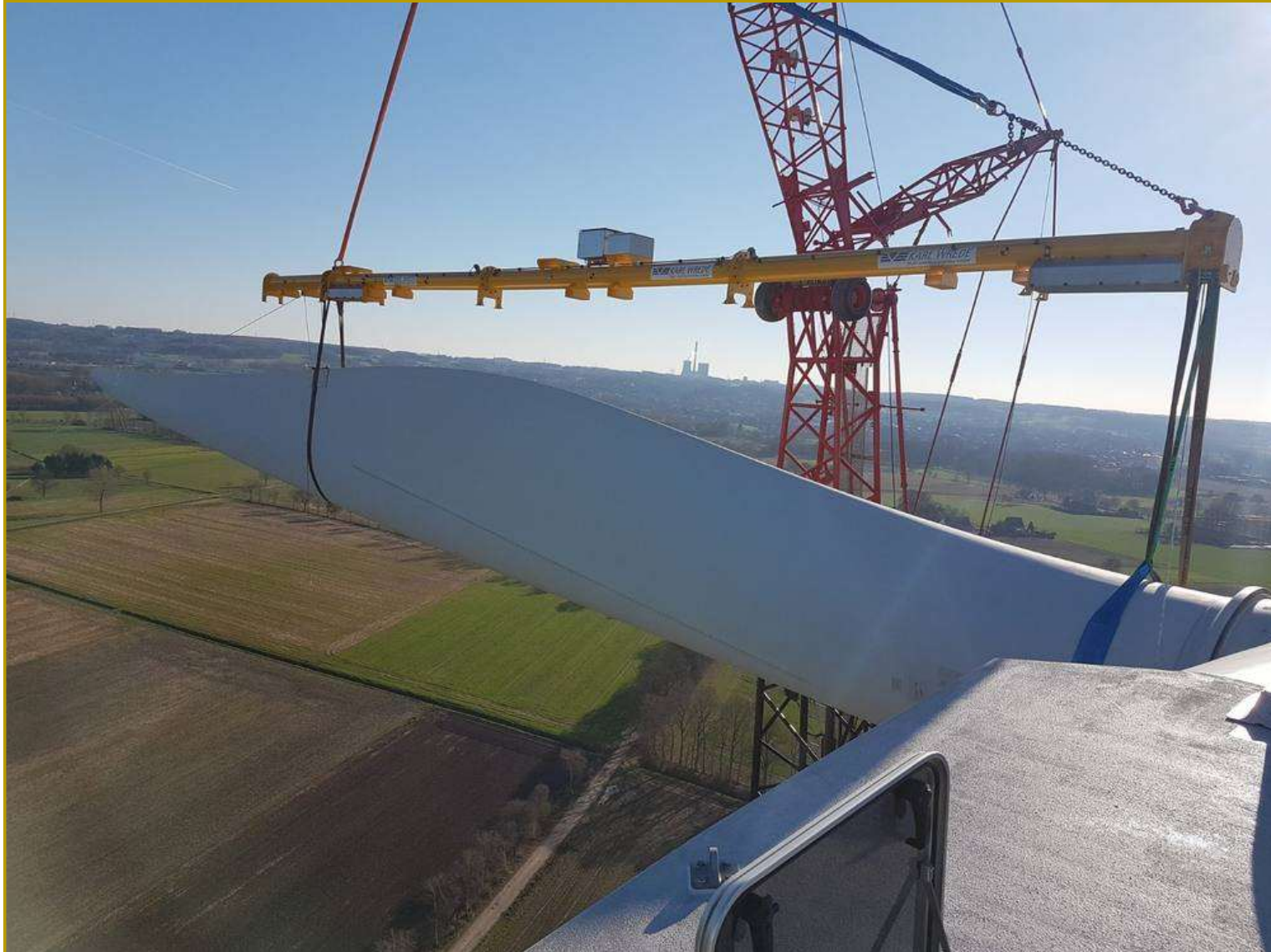


1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
- 8. LIFTING DEVICES**
9. SOLUTIONS FOR WIND ENERGY













1. COMPANY
2. DESIGN AND CALCULATION
3. MECHANICAL MANUFACTURING and LARGE PART MACHINING
4. SHEET METAL PROCESSING
5. WELDED STRUCTURES
6. JUST-IN-TIME REPAIRS
7. INDUSTRIAL INSTALLATIONS
8. LIFTING DEVICES
- 9. SOLUTIONS FOR WIND ENERGY**





ROTARY DRIVE SYSTEM FOR DRIVETRAIN 6 MW OFFSHORE







WHAT SETS US APART AS A COMPANY?

- Family business with flat hierarchies, direct communication and a hands-on mentality
- innovative company management
- over 65 years of successful company history
- in-house design department
- from A for press braking to Z for machining – everything from a single source
- regionally unique machine park incl. large part machining
- short response times, flexible repair service in emergencies

THANK YOU FOR YOUR ATTENTION!



ANY QUESTIONS?