

# The new BASF Foam truck generation









# General information

- Truck : Mercedes Actros 8x4
  - Allowed total weight : 32.000 Kg
  - Power max. 600 PS (440 KW)
  - Automatic gear 8 bei 2
  - Lenght 9.08 m / Wide 2.5 m / Hight 3.35 m

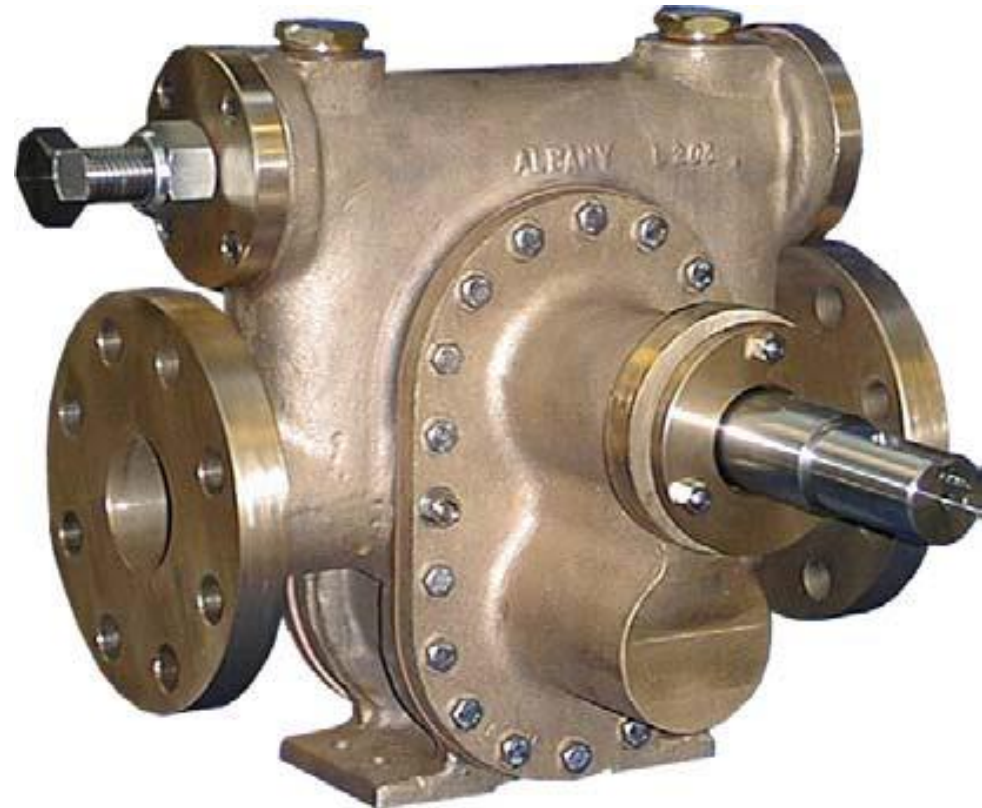


- Pumps :
  - Water pump : Industrial KSB Pump
    - Truck input 5 x DN 150
    - Truck output 10 x DN 100  
and or monitor all with or without foam
    - Pump inlet DN 300 and outlet DN 250
    - Pump Capacity 20.000 l/min at 10 bar (minimum 4000 l/min)
    - Design PN 16
    - Driven by split shaft (~ 400KW)



## ■ Foam pumps :

- 2 pumps inside (redundance) both driven by hydraulic power transmission
- ALBANY-Pump
- Capacity
  - Max.: 1.200 l/min
  - Min.: 30l/min
- 1 pump powered by a diesel engine and 1 pump by the split shaft





- hydraulic power transmission

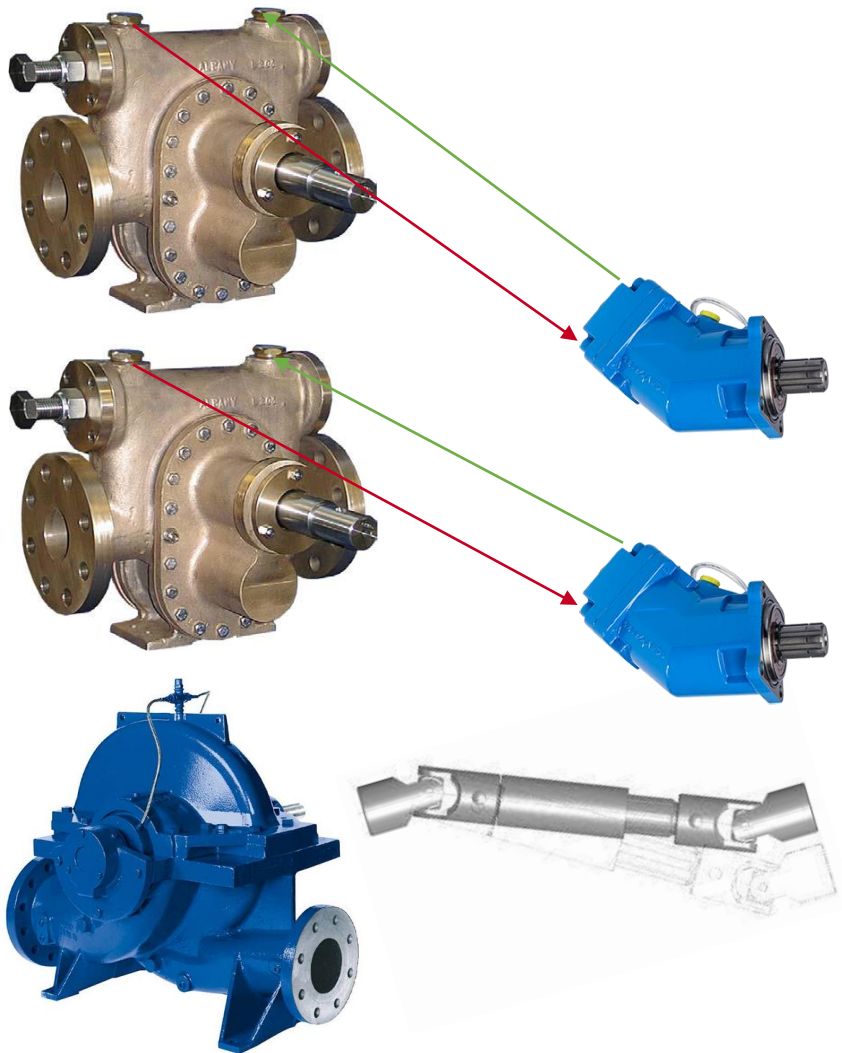
  - Leduc hydro



- Hatz diesel engine













- Foamtank :
  - Material : Polyester
  - Tank capacity : 10.300 l
- Foam injection system
  - Monitor : electronic system
  - All water outlets : mechanical system
  - Between 0 ... 6%
- Monitor :
  - 4.000 ....23.000 l/min
  - 8...16 bar

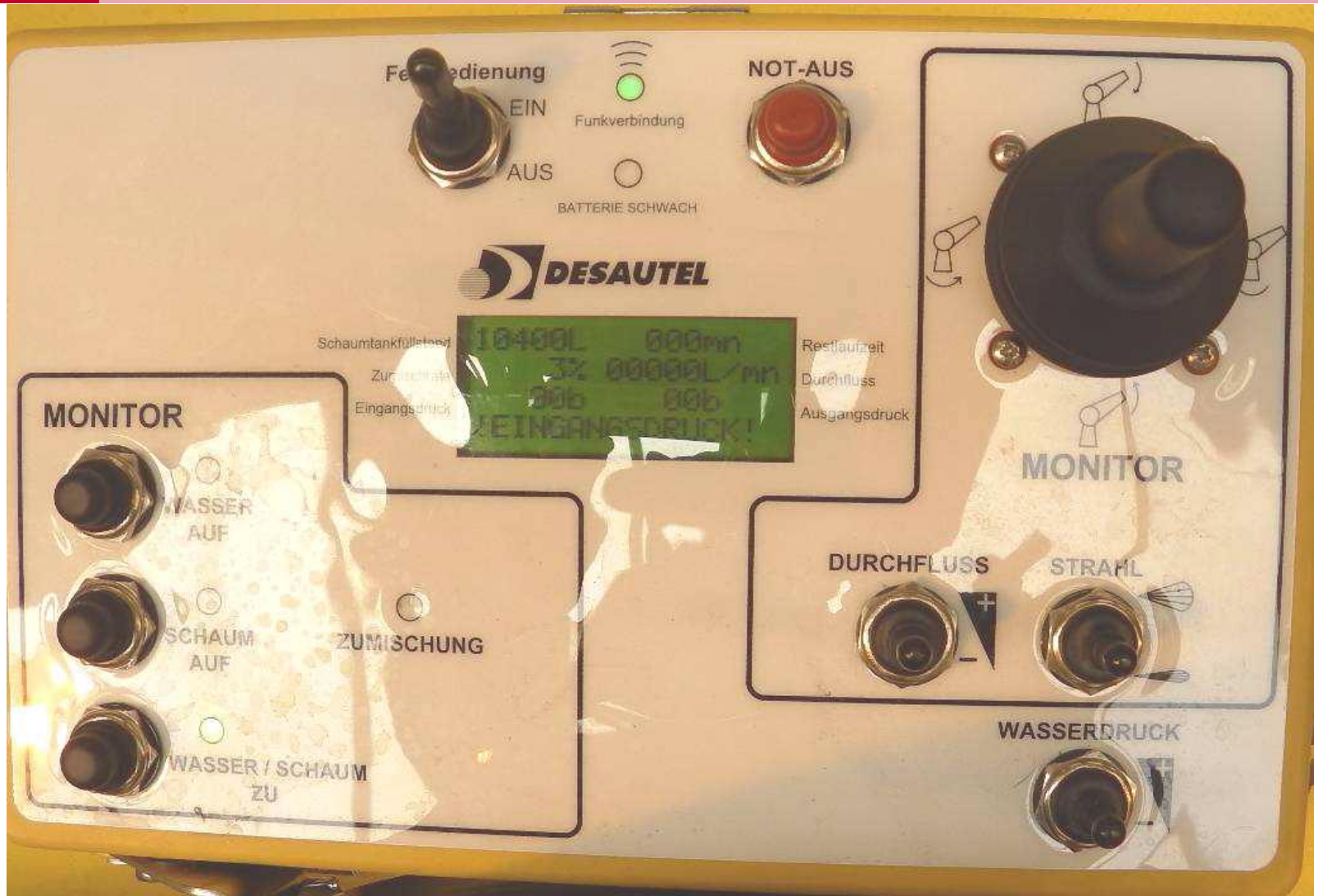




 **DESAUTEL**











Foam Level





















■ Why this new foam truck ?









