

The mobile in-line blending system type **DICON** is designed for the continuous mixing of two liquid components.

The liquid flows are acquired by exact electromagnetic flow meters type **IZM** and compared with each other. The flow of the slave stream is modified by means of the modulating valve or frequency controlled pump in a way that makes possible obtaining the required blending ratio.

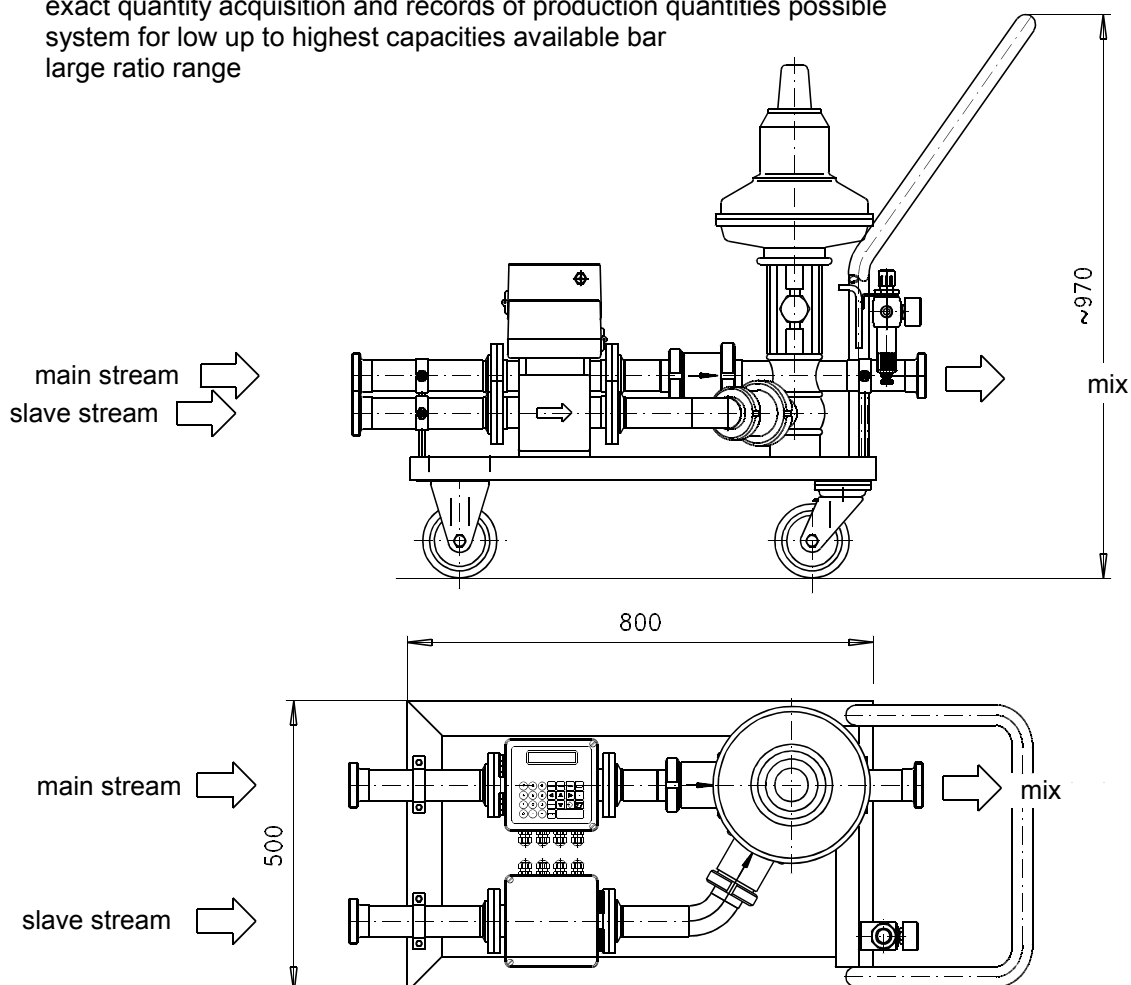
Simple blending applications can be effected by this system at a reasonable price. This will especially be achieved by the extension of the electromagnetic flow meter type **IZM-R** by the function of a ratio controller.

In addition, it is possible to carry out an automatic quantity preselection for the mixture by means of using an amplifier box for starting valves and/or pumps. The device is operated via the alphanumeric display and the foil-protected keyboard.

By means of the correct selection of the flow meters the most various ratio ranges can be realized. Flow rates of 100 l/h up to 100,000 m<sup>3</sup>/h are possible.

### Special Features:

- Blending of the products in the pipeline (no mixing tanks necessary), therefore little need of space
- highly precise due to use of precise metering units
- the digital controller makes possible the complete compensation of deviations
- exact quantity acquisition and records of production quantities possible
- system for low up to highest capacities available bar
- large ratio range



**GEA Diesel GmbH**  
 Steven 1  
 D-31135 Hildesheim  
 Germany  
 ☎ +49 (0)5121-742-0

**Mobile in-line blending system**  
**DICON-T**

**D 46.10 E**  
 Issued: 08.98  
 Page 1 of 1