

Virtual Pipeline[®]

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Mother Station

A **MICROBOX[®]**, connected to an existing gas pipeline, compresses the gas within the **MAT** transport modules. These are placed on platforms called **PA-C**, especially designed for such purpose. They allow for safe and efficient module refilling and exchange with the Transport System.

Mother Station

Gas Pipeline



2

Loading and Unloading

Upon arrival, the transport trailer **exchanges** the empty **MATs** brought from the consumption point for other filled **MATs**. This exchange is made with very easy-to-operate and especially designed **ST** machines placed on the trailer. They can be operated by the truck driver. These **ST** machines minimize module loading and unloading times with the highest safety standards.



ST Transport

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Transport

The vehicle transports the **MAT** modules along the road at a speed typical of freight transport, with no need for additional safety systems. **MAT** modules are linked to the trailer by means of an anchoring system which ensures a safe transport.



Regulating Plant

Towns



Unloading platform

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Household Consumption

Upon arrival at consumption points, the **MAT** modules are unloaded on especially designed platforms called **PA-D**. These platforms have a simple and safe connection system which minimizes both loading and unloading times. After going through a regulating plant, the **MATs** are finally connected to the household supply network.

Industries



Unloading platform

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Industrial Consumption

In this application and according to the type of industry to supply, platforms are connected to regulating plants. These are fitted with an exclusive catalytic heater system and have a maximum capacity of 10,000 m³/hour.



Regulating Plant

CNG Daughter Stations



Unloading platform

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CNG Daughter Stations

MAT modules are connected to the dispenser through a discharge **BOOSTER[®]** and are managed by the Rotate Cascade[®] system, which maximizes the **MAT** CNG discharge and minimizes vehicles refueling time. The Galileo-patented **Rotate Cascade[®]** system allows for an efficient module use, minimizing both investment and operating costs.



Booster

