
Rail tank car loading and unloading stations



The Scope:

The rail tank car loading stations built by Combit, developed with very high demands on high performance in very tough cold climates as well as in very hot and humid climates, combined with high functionality. The plants keep up with today's technological developments and progresses together with some of our own inventions and design which is in the forefront on the market. They conform to the highest security standards and our customers will continue to profit from the permanent technological adjustments.

The plants are basically used for handling of liquid petrochemical products such as gasoline, diesel fuel, bitumen, heavy fuel oil etc.

There are two basic options for the loading/unloading of rail tank cars:

- a) Bottom loading/unloading
- b) Top loading/unloading

With the use of a vapor recovery unit, our plants will conform to the principles of ecological sustainability, environmental protection and energy-saving production technologies.

Apart from building new rail tank car loading stations, Combit also refurbishes existing loading stations.

The rail tank car loading stations designed and built by Combit, gives:

- control of loading/ unloading processes which is a complex program-control approach through automation system
- opportunity of synchronous loading/unloading of mixed consists of tetra and eight axial tank cars
- opportunity of loading/unloading different groups of oil products (both black and white) in one overpass
- recirculation system (closed contour) for heating tough oil products, using thermal oil as heat carrier (instead of using steam) which allows for faster heating and unloading of cargo and eliminates "caramelizing" and other types of damage to the transported product
- basic technological equipment located either in the area of the railroad overpass or out of it
- wide choice of proven rundown devices and other technological equipment
- opportunity of automatic separate loading for all types of oil products
- opportunity of both top and bottom filling of any type of tank cars

