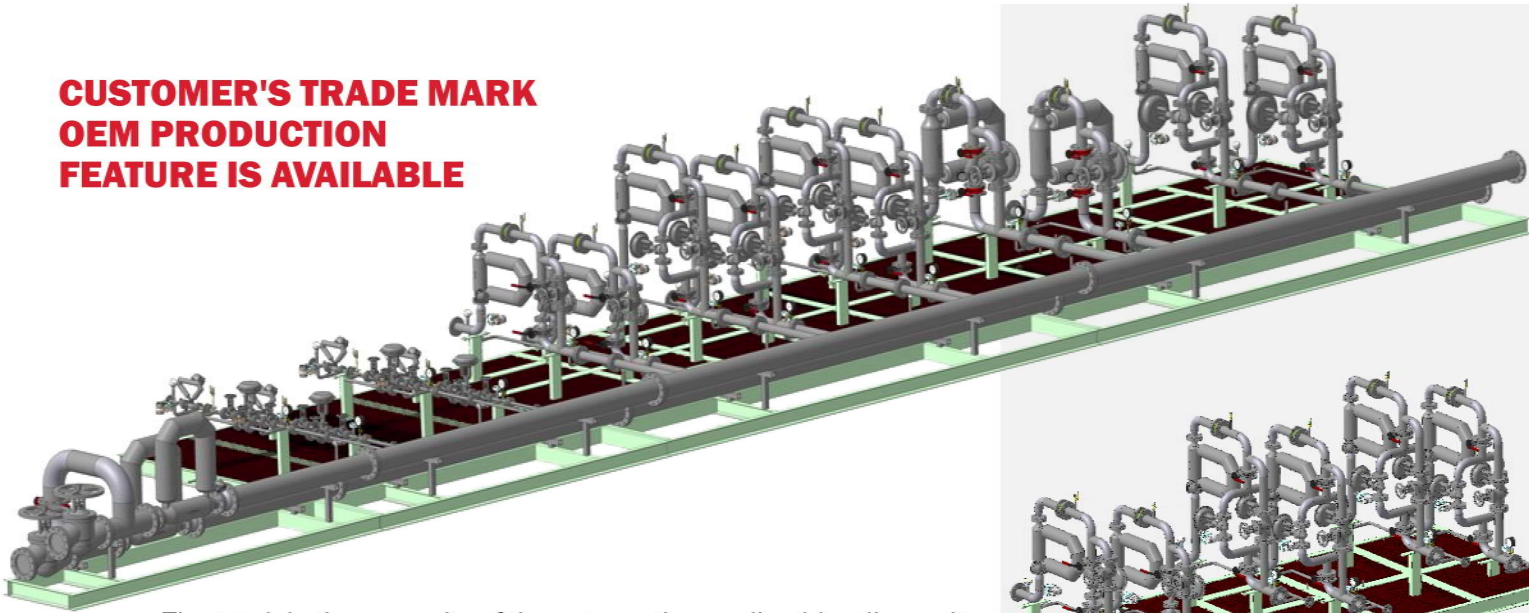


GASOLINE BLENDING UNIT

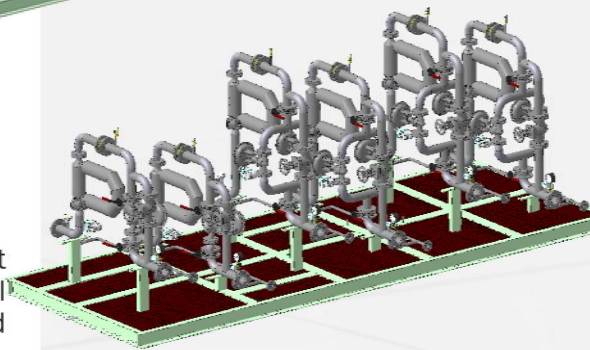
**CUSTOMER'S TRADE MARK
OEM PRODUCTION
FEATURE IS AVAILABLE**



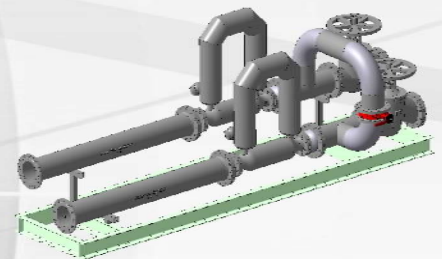
The total design capacity of the automatic gasoline blending unit is 1,382.58 thousand tons/year with regard to the case of commercial gasoline – relating to the first blending device, and 700,000 thousand tons/year - in relation to the second blending device.

All equipment, pipelines, shut-off devices, control and check valves, installed outdoors should be made of the materials assuring trouble-free operation at the ambient air temperature: minus 43°C.

The feedstocks are the refinery's production output: isomerization product, light hydrocracking gasoline, heavy hydrocracking gasoline, 'HK-62°C+85KK' petroleum cut, stable reformate, as well as externally supplied methyl tertiary butyl ether and methyl tertiary amyl ether.



**Gasoline component
metering unit**



Proportioning unit

GASOLINE BLENDING UNIT EXECUTES THE FOLLOWING FUNCTIONS:

- ✓ data transfer to the upper level of automation system;
- ✓ gasoline blending unit start-up and shutdown locally (at the site), remotely and automatically;
- ✓ fuel component blending efficient implementation;
- ✓ quality automatic analysis of the resulting motor gasoline;
- ✓ gasoline component quality automatic analysis;
- ✓ emergency protection and alarm;
- ✓ commercial gasoline quality automatic regulation by maintaining the specified ratio of fuel blend components, taking into account the quality of blending components, as well as the mixture ratio remote control before blending (carried out through the operator's console);
- ✓ fuel blend recipe optimization ensuring the compliance with the requirements of the relevant standards and regulations.