

PRIBOR



ACH-12BГ module DN100



ACH-8BГ module DN100 2/2



**NALIVNYE
PRIBORY**
PRODUCTION ACH

ACCURACY

Application of the complex measuring circuit allows to achieve the maximum accuracy $\pm 0,15\%$ on volume and $\pm 0,25\%$ on mass at oil product loading in tank truck.

SAFETY

Measuring complexes ensure the maximum safety at oil product loading/unloading.

Additional equipment:

- Barrier
- Traffic light
- Illumination
- Fire fighting module
- Fall protection

AUTOMATION

- Control controller
- Software of loading/unloading (operator automated workplace)
- Garage position sensors
- Limiting level sensor
- Temperature sensor
- Grounding device
- Cut off controlled valve
- Power supply box
- Overfilling control block
- Card reader
- Controller KYHA
- Pump station KACKAD

ECOLOGICAL COMPATIBILITY

- Tightness of joining ACH with tank truck.
- Venting from a loading zone
- Vapor detector
- Sound-and-light alarm system

RELIABILITY

- Monitoring of a product supply
- Swivel joint tightness
- Corrosion protection

PROMPRIBOR

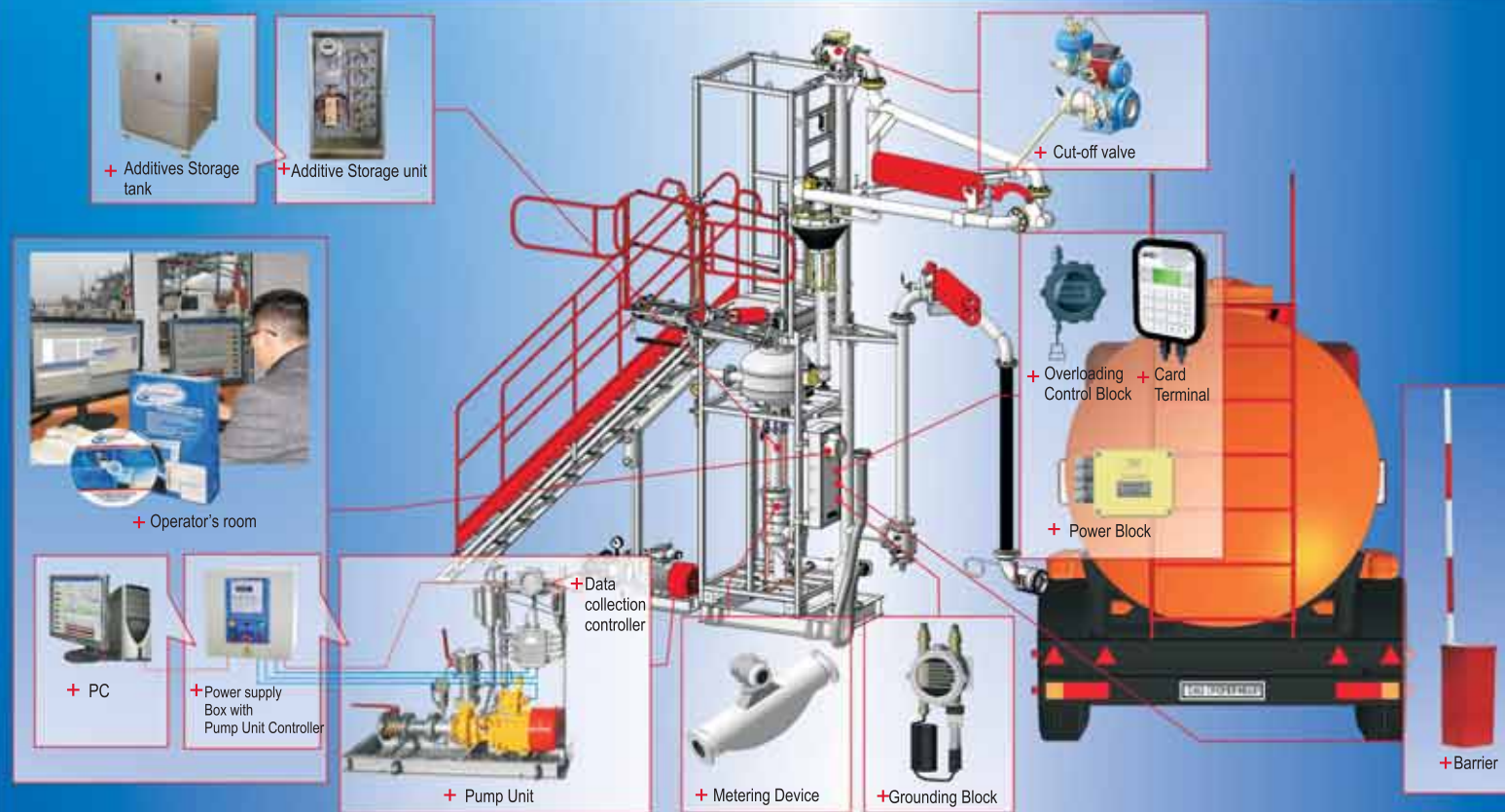
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Advantages of ACH-MODULE

1. A valve with frequent control from the controller:
 - ensures stable flow rate in limits $\pm 5\%$ at different levels of product innage in the tank;
 - allows to program flow rate magnitude at start of installation taking into account actual hydraulic resistance of the suction pipeline to prevent cavitation effect, stream interrupt and bubbles formation from saturated product vapor.
2. New control unit of grounding bans loading if ticks of grounding on any metal structure excepting tank truck.
3. Complex metrology equipment for accuracy control.
4. Hydraulic system is supplied by waste valves.
5. Fall protection at height operation.
6. Pump station is equipped by double face seal, cooling fluid tank and separating fluid level sensor, bearings temperature sensor, pressure and vibration sensors.

The structure of the loading equipment post



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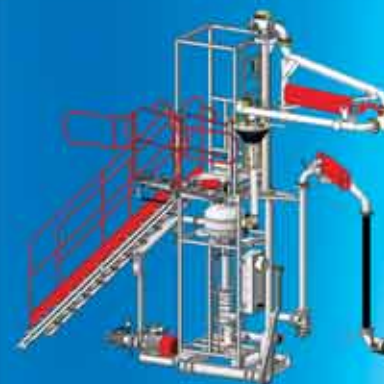
Measuring compl ACH-12BГ module DN100



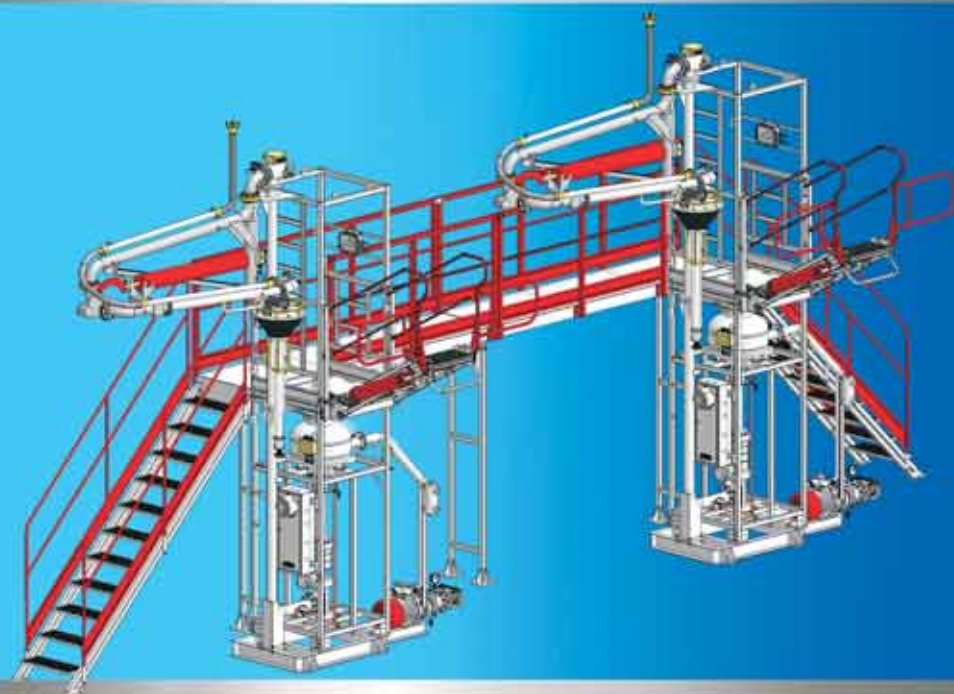
Measuring complex
ACH-4BГ module DN100



Measuring complex
ACH-5BГ module DN100



Measuring complex
ACH-6BГ module DN100



Measuring complex ACH-8BГ module DN100 2/2

A SELECTION PROVEN OVER TIME



ACH-10BГ module DN100 2/2, LUKOIL



ACH-12BГ NORD DN100, TNK-BP



ACH-8HГ module DN100, ROSNEFT

