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Filling machines

SCOUT 23

For filling containers
located on a pallet

Scout Type 23 semi-automatic liquid material filling machines are designed for filling oils, solvents, additives, water-based and hydrocarbon-based solutions, etc., into containers mounted on a pallet - drums with a volume of 50 to 250 liters, as well as IBC containers by gravimetric method.



The main advantages of using SCOUT filling machines:

High productivity

Drums of 50 l – 150 pcs/hour;
Drums of 200 l – 60 pcs/hour;
IBC containers – 15 pcs/hour;

Ease of operation and maintenance

The simple modular design allows for on-site installation in just a few hours.

High packing accuracy

The accuracy class is 0.5 according to GOST 8.610–2012.

The ability to control the product dispense

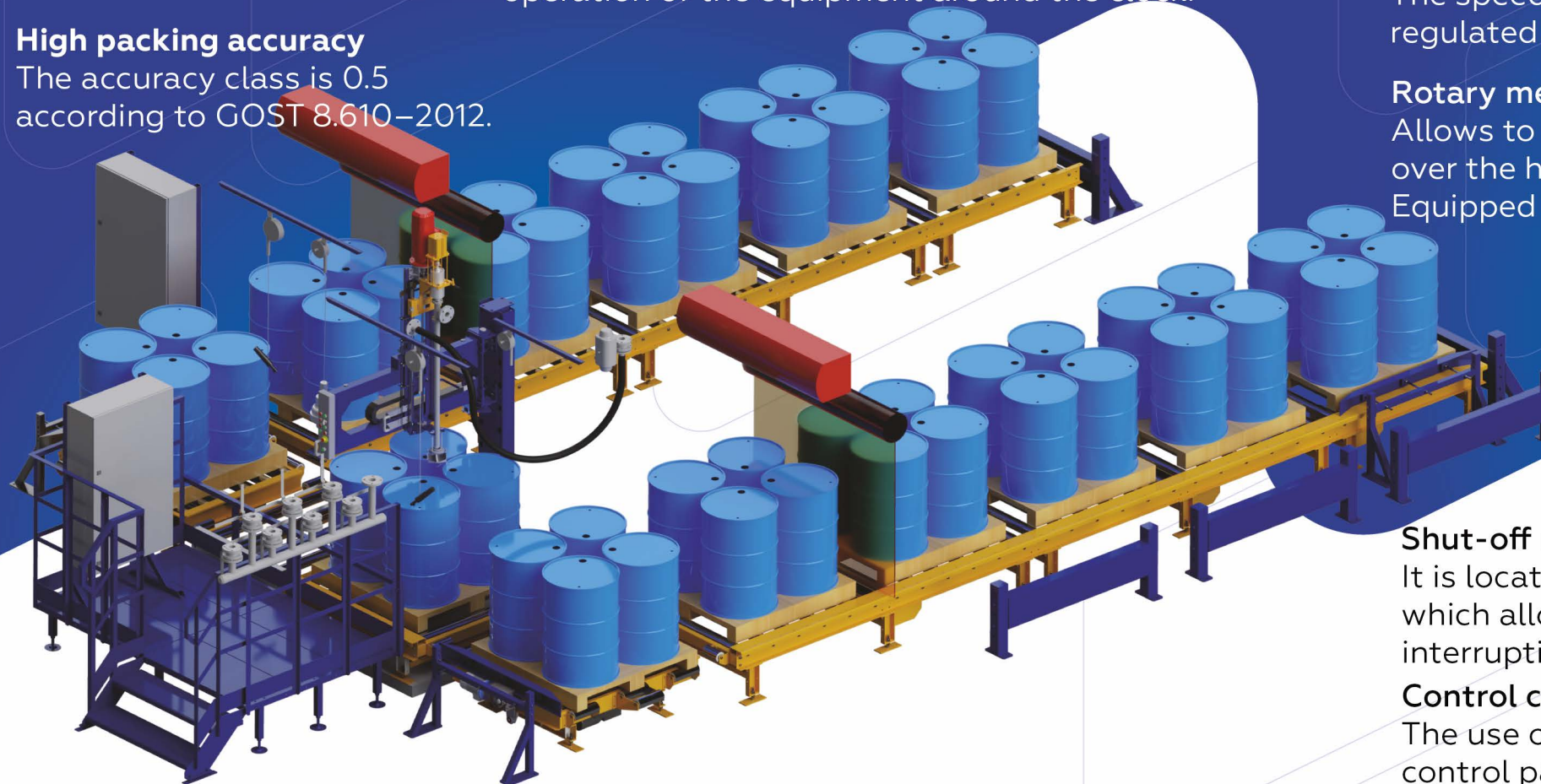
Using frequency converters allows us to regulate the product dispense from multiple pumps.

High level of safety and personnel protection

Complies with Russian standards and GOST.

Reliability of the equipment.

The use of only reliable components with minimal delivery times ensures uninterrupted operation of the equipment around the clock.



Packaging systems based on SCOUT filling machines allow to:

- Achieve maximum performance
- Minimize manual labor in the enterprise
- Improve product quality
- Ensure the best working conditions for staff
- Reduce pollution in the production area

With SCOUT filling machines in packaging systems, you can also use:

- Transport system
- Container opening, closing and sealing station
- Sealing device for plastic container lid liners
- Labelling systems
- Printers and markers
- Palletizer
- Pallet wrapper, etc.

SCOUT filling machines nodes:

Weighing system

The filling machines have a certificate of approval as measuring instruments called "SCOUT automatic weighing filling machines of discrete action"

Filling valve

Provides two filling speeds: "rough" and "accurate". The speed is precisely regulated on the valve.

Rotary mechanism

Allows to position the rod over the hole in the container. Equipped with a pneumatic brake.

Shut-off mechanism of the filling valve

It is located at the end of the filling rod, which allows filling with minimal error, interrupting the flow at the time necessary.

Control cabinet

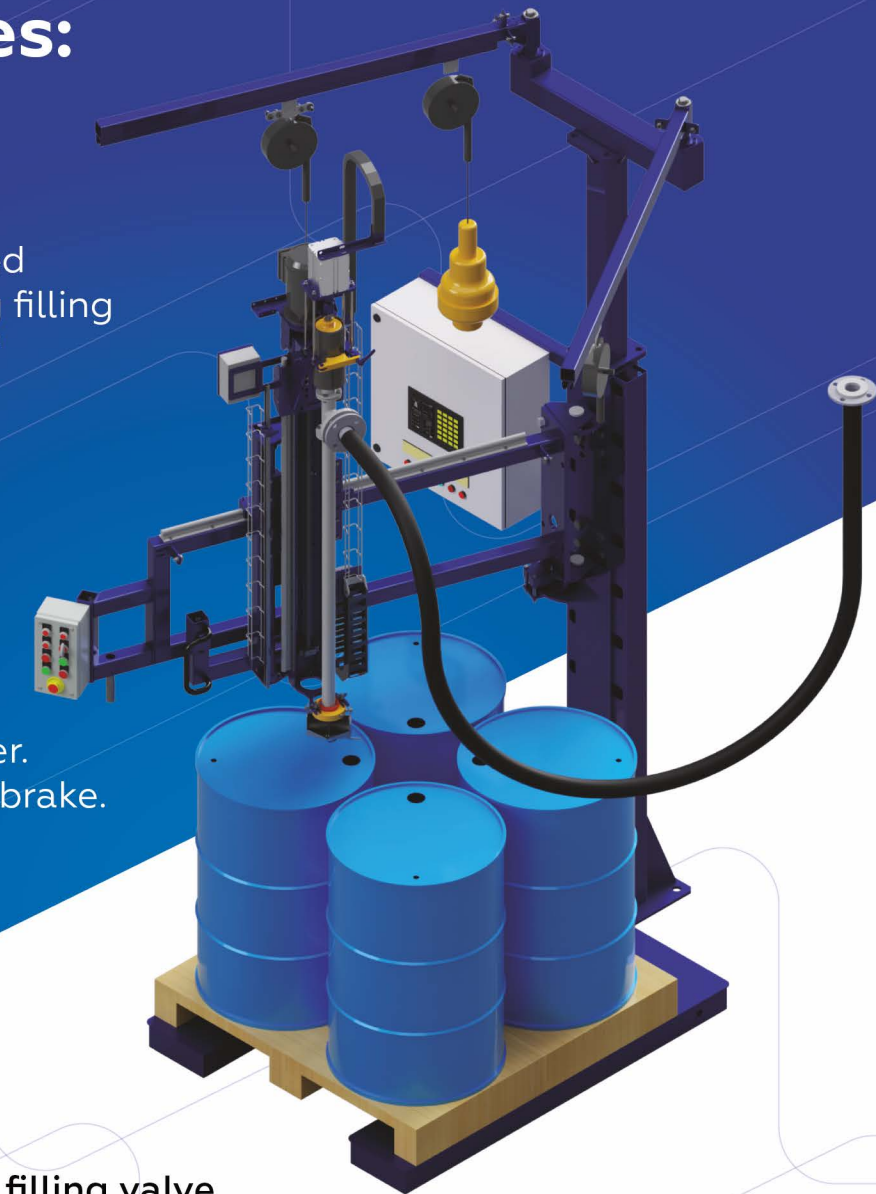
The use of a colored touchscreen control panel provides convenience in operation, configuration and maintenance.

Horizontal movement node

Allows the operator to position the filling valve over the hole in the container. It is possible to use a mechanised movement system.

Wiping ring and drop-catching mechanism

Performs the valve cleaning after filling and collecting product residues.



Vertical movement unit with passive braking system

The filling is done under the liquid level, which avoids foaming and the formation of an airborne mixture of the product with the surrounding air. (For viscous products, filling can be carried out above the liquid level.) The passive brake ensures a safe state of the installation in case of power loss.