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Filling machines

**SCOUT 21**

**SCOUT 22**

Scout Type 21 and Type 22 automatic and semi-automatic filling machines for liquid materials designed for filling various oils, solvents, additives, water-based and hydrocarbon-based solutions, etc., into cans with a volume of 5 to 50 liters and drums with a volume of 50 to 250 liters by gravimetric method.





# The main advantages of using SCOUT filling machines:

## High productivity:

Cans of 10 l – 320 pcs/hour;  
Cans of 20 l – 300 pcs/hour;  
Cans 30 l – 250 pcs/hour;  
Cans / drums 50 l – 200 pcs/hour;  
Drums of 200 l – 100 pcs/hour.

## Ease of operation and maintenance

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

## High level of safety and personnel protection

Complies with Russian standards and GOST.

## The ability to control the product dispense

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

## High packing accuracy:

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

## Reliability of the equipment.

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

# SCOUT filling machines nodes:

## 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.

## 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.

## Filling valve

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



## Weighing system

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

## Wiping ring and drop-catching mechanism

Performs the valve cleaning after filling and collecting product residues.

## Packaging systems based on SCOUT filling machines allow to:

- Getting maximum productivity
- 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.

