




MVS MECHATRONICS

Filling machines

SCOUT 21 A


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Automatic station for filling liquid materials in containers with a volume from 5 to 50 liters, such as metal or plastic pails.



 Made
in Russia

The main advantages of using SCOUT 21A filling machines:

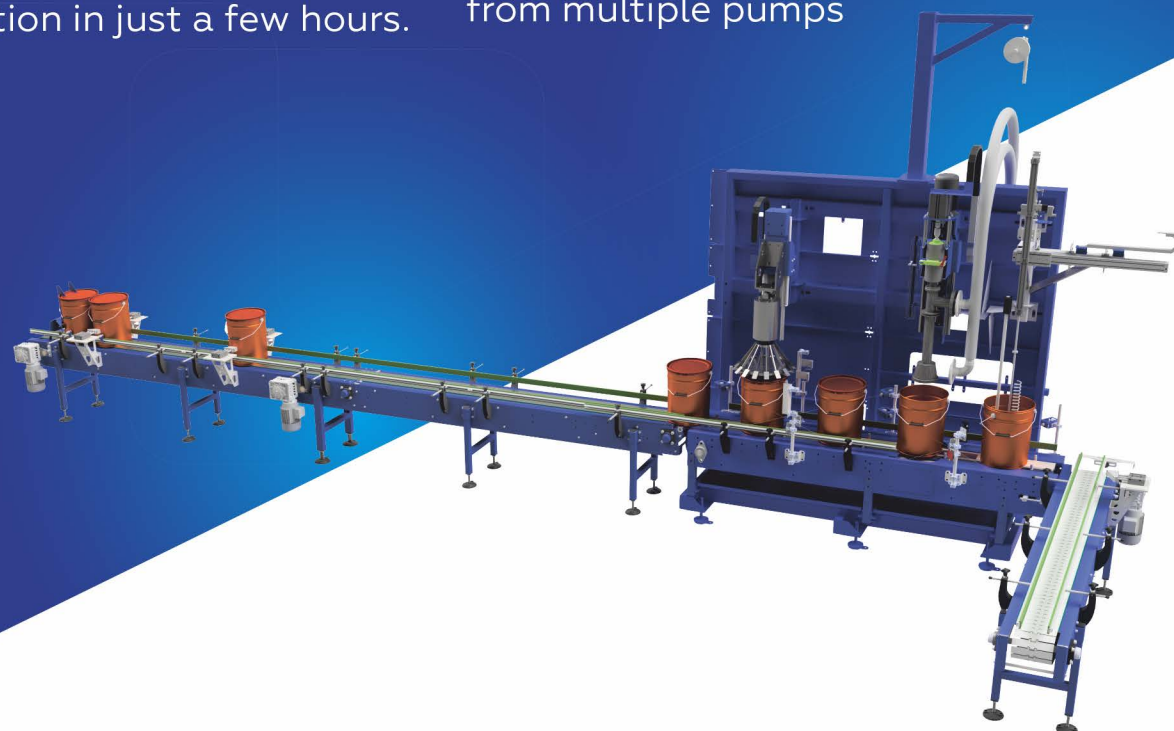
High productivity:
600 pcs/hour.

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

Ease of operation and maintenance
The simple modular design allows for on-site installation in just a few hours.

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

The ability to control the product dispense
Using frequency converters allows us to regulate the product dispense from multiple pumps



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.

Control cabinet

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

Features and Benefits:

- material in contact with the product – corrosion-resistant steel, seals - PTFE;
- after one container is filled, the filling accuracy is checked - if there is a deviation of more than the specified accuracy, the program automatically adjusts the filling parameters to maintain accuracy in subsequent operations, and also, if there is a negative deviation, additional filling occurs until the specified accuracy is reached;
- tare weight control;
- information transmission via RS485 communication interface, Ethernet, Modbus RTU/TCP protocol (transmission format can be different and is agreed with the customer);
- filling time and speed control.

