

JWF Series Scale Fixed-quantity Filling Machine



JWF Series Scale Fixed-quantity Filling Machine is making up of the scale (with roller), chain-driven drum in and out structure, fast and slow filling (with dive function), material tank, weight control meter and PLC control unit.

CZ-4B Scale Fixed-quantity Filling Machine is making up of the scale (with roller), chain-driven drum in and out structure, fast and slow filling (with dive function), material tank, weight control meter and PLC control unit. This filling machine can do the auto filling of different materials (with or without foam). It has the dive function can eliminates the splash and foam.

Features

1. Adopts Americal METTLER TOLEDO weighing sensor and control meter, ensures that the filling precision of of measurement. Weighing sensor adopt unique ball-to-go drum conveying method, ensure smooth drum-out conveying after filling.
2. Adopt fast and slow speed valve that ensuring filling accuracy and has no effect to speed. It has the dive function, driven by motor, can eliminates the splash and foam. This filling machine can do the auto filling of different materials (with or without foam).
3. Under the filling nozzle is the movable dip collecting cup. After filling, the cup collects the residuel dip to prevent bottle mouth polluting.
4. Weighing control cabinet is of standard RS-483 interface, The system is of number control, adjustment and seeting all can be implemented in touch screen. Gross weight or net weight filling all could be set so the actual filling amount instantly show in touch screen. It is very convenient and intuitive.
5. Empty drum detection, no drum no filling; Anti-collision bottle design, it will auto-reset when bottle orientation or position is not in right place.

6. Individual electric cabinet is of whole seal design, reasonable layout, and convenient overhaul. Main part (PLC, HMI, frequency convertor, and power switch, etc) are all France Schneider's and other famous brand components, which ensures stable running of the equipment.
7. Material touch part is of SUS304 stainless steel. Filling scale and the sealing of the material touch part are TEFLON.

Technology Parameter:

1. User Interface: DN65, The material inlet pressure $< 0.6\text{Mpa}$;
2. Outer Dimension of the filling nozzle : $\Phi 40\text{mm}$;
3. Applied dimension: Min: $140 \times 200 \times 320\text{mm}$, Max: $260 \times 290 \times 500\text{mm}$
4. Filling Volume : $5 - 30\text{kg}$;
5. Filling Precision : $\pm 0.2\%$ (Note : Depends on material viscosity and the consistency and stability of material feeding.) ;
6. Capacity : $\leq 250\text{drum/hour}$ (5Kg)
7. Air Pressure : $0.6 - 0.7\text{Mpa}$
8. Air consumption : 120L/Min
9. Power Source : $\sim 380\text{V}, 50\text{HZ}$
10. Power : 1KW
11. Weight : about 500KG
12. External Dimension : $L2200 \times W1350 \times H2300\text{mm}$