

SED-600YJ-I Automatic Liquid Capsule Filling Machine



Product Description of Capsule Filling Machine

- High-precision indexing box, stable operation, accurate positioning.
- Improved totally enclosed frame rotary turret prevents contamination, easy to clean.
- Single motion design of upper and lower segments with imported double lip seal rings for better sealing performance.
- Simultaneous detection of capsule body and cap for deficiency.
- Applicable for oil based solution and suspension.

Advantages of Capsule Filling Machine

1. Hard Gelatin automatic capsule filling machine has been improved the inner design turret, and imports beeling bearing for each machine from japan directly, so that it can be sure a longer usage life and precision of the machine.
2. The working station cam runs under the good lubricating condition, and maintains the inner lubrication of cam slot to a full extent, increasing the pressure pulverization oil pump, thus extends the operation life of the spare parts.
3. The automatic capsule filling machine adopts enlarged cam, Tianlong has becoje the one who matched the cam of RU140 to RU 125, while it enhanced the stability of the machines and extends the life of the machine to a great extent.
4. The automatic capsule filling machine is controlled by the computer, has as stepless timing with the frequency conversion the numeral showing makes an easy operation and clear appearance.
5. The multi-bore dosing bring a precision dosage; the good capsule applicability makes a high capsules qualified rate more than 99%. It can be filled with the Chinese traditional medicine and the western medicine.
6. Add the extra function of capsule control switch. Control the capsule outside of the machine, it is more safely and quickly.
7. Add the click-moving control system, make and easier operation and clearness.

Product Parameters

Model	SED-300YJ-I	SED-450YJ-I	SED-600YJ-I
Machine weight	850kg		
Overall dimension	1090×870×2100 mm		
Motor power	3.1kw + 2.2kw (dust collector)		
Power supply	3 phase, AC 380V, 50Hz		
Max. Output	18,000 cap/h	27,000 cap/h	36,000 cap/h
Segment hole	4 hole	6 hole	8 hole
Capsule size	00#~2#		
Capsule using rate	≥ 99.5%		
Noise index	≤ 75dBA		
Dosage difference	≤ ±3% (test with peanut oil 400mg filling)		
Vacuum degree	-0.02~-0.06MPa		
Working temperature	21℃ ± 3℃		
Working relative humidity	40~55%		
Product form	Oil based liquid, solution, and suspension		
Control system	Stepless frequency conversion control, PLC control with touch-screen		
Material	Spare part contact with medicine adopt superior S.S 304 & GMP compliable material		
Criterion	Comply to GMP completely		