

Tube Filling Machine Single Head



Suitable for pharmaceutical and cosmetics industry.

These Plastic Tube Filling Machine Single Head have a pump speed 60 strokes / min while filling speed depends on filled volume / bulk density of material / tube material.

Salient Features

1. Spring loaded aluminum tube holders for one tube size ;
2. S.s. 316 mounded pump housing.
3. Pump insert for filling 1 to 8 cc., 6 to 72 cc., or 25 to 250 cc.;
4. 45 liter s.s. 316 hopper, acid proof, single wall with top cover;
5. 1 hp Crompton motor and ration gear box with separate drive system;
6. Automatic tube ejector;
7. Overload clutch for self centering chain & micro switch cut –off system;
8. Safety cover and all safety electrical switches;
9. Blow off device (pneumatic cut-off system);
10. No tube – no fill assy. For all tube size.
11. Electric hot air tool with leister cartridge electronically adjustable between 20 deg. To 650 deg. Voltage 220 v capacity: 3000 watts max. Temp.650 deg.c, max. Air flow: 400 lt./min.
12. High pressure blower, with capacitor air flow: 1200 it/min. Static pressure: 80 mbar, wt.8 kg.,
13. Mechanical sealing system & engraving coding system;
14. Mechanical trimming system;
15. Cooling jacketed sealing jaw – s.s.316;

16. Pid type electronic digital temperature controller;
17. S.s. electrical control panel;
18. Cooling jacketed tube heating system – s.s. 316;
19. Trimming chips throw out unit;
20. Pneumatic flow measure and pressure regulator with gauge;
21. Chilling air unit for sealed tubes;
22. Complete unit up & down mechanical system.
23. S.s. cladding for machine as per GMP model requirement.
24. Electronic digital filled tube counter.
25. Electric buzzer single system for hot air gun stoppage,
26. Ferguson type indexing gear box for accuracy centering
27. One bottom drive tube orientation device (photocell unit)
28. One automatic tube feeder (cassette device) with two Cassettes

Technical Details:

1. Output: 60fills /min
2. Power Consumption: 230V 380 to 415v 1KW (3 Phase) 3.3 KW (Single Phase)
3. Compressed Air 2.0 KG/CM²
4. Chilled Water 5 Amp at 10 C
5. LxWxH 2500mm x 1100mm x 2100mm
6. Net Weight: 750 Kg