

## *XT-DPA Automatic Linear Piston Tomato Sauce Bottle Filling Machine*



The machine adopt servo motor driven, containers will be sent to the position, then the filling heads will dive into the container, filling volume and filling time can be set in orderly. When it filled up to the standard, servo motor go up, container will be sent out, one working cycle is finished.

### **Technical Date & Configuration:**

- Suitable for various low viscosity material, and various shaped containers.
- Confirm the quantity of the filling heads according to the production capacity requirements.
- Whole machine made of SS304, with grace appearance. material contact part made of SS316.
- All connections adopt quick release joint, easy to dismantle and maintain, reduce the cost of the use and maintenance, save the time.
- Adopt single row of material cylinder with quick connection, easy to dismantle the whole cylinder for cleaning or changing the seals inside.
- Colorful Touch Screen operation panel, can display production station, operation program, filling method and etc. Easy to operate and easy to maintain.
- We can adjust the filling volume of each filling nozzle individually, to ensure the uniformity of the filling volume.
- Easy to adjust for different tape and shaped container, 10 minutes can change all the parts.
- Auto alarm system, fault prompt system
- “Bottleneck orientation” automatic control system
- “No bottle or lack of bottle no filling” Automatic photoelectric sensor track system.
- Machine with overflow trough, avoid material leak, ensure a clean and safe working environment.
- “Safe Operation prevent device, with poly methyl methacrylate protective door.

- With cleaning leak collect trough, ensure the clean of the machine, as we clean the machine. Also ensure no any waste of the material.
- Filling Nozzle with vacuum pump back function, ensure no leak and drip, avoid pollute the bottle surface.
- Equip air collector inside the machine, ensure stable air pressure supply, insure high filling accuracy and quality.
- Adopt high precision ball screw to adjust the height of the filling nozzle, easy to operate. Save time and labor.
- Adopt system electric circuit control, DC 24V low tension, wiring is based on SDS/D000093-2000 national standard. Each ends of wire are adopt marked code tube, easy to maintain.
- Electric, pneumatic circuit layout individually, avoid oil or water effect the electric elements, air tube adopt unify layout and code.

**Technical Data:**

<b>Model</b>	<b>XT-DPA</b>
Filling head	4/6/8/10/12 Heads
Filling Range	10-1000ml (Can be adjustable freely)
Capacity	40-80 b/m
Filling Accuracy	-0,01
Power Supply	3 Phase, 3800V, 50Hz
Power	3500W
Air supply	0.4-0.6MPa
Air Consumption	400L/Min