Effervescent Tablet Tube Filling Machines

Stack, fill and cap effervescent tablets in tubes, then label the tube



How It Works:

Tablets are lined up in tracks, counted into stacks and pushed into the tube. The tube is capped and discharged, ready for labeling. The APK-40A and APK-40B fill pre-stacked tablet rolls; the APK-60 feeds tablets directly and rejects tubes that come up short. The APKZL-60 then labels the finished tube.

Tablet feeding → **Stacking and counting** → **Tube filling** → **Capping** → **Labeling (APKZL-60)**

Key Features:

- 10 to 20 tablets per tube, set to your count
- Siemens PLC and touchscreen on every filler
- APK-40B and APK-60: stepper motor with an indexing disk for steady positioning
- APK-60: short-count rejection, so a tube missing a tablet doesn't reach the case
- Contact parts SUS316L, frame cover SUS304

Before You Order: Check Your Tablet

Diameter: 25 mm (other sizes on request)

Thickness: up to 6 mm, varying by no more than ±0.2 mm

Hardness: above 5 kg; softer tablets chip in the track

Tube inner diameter: at least 2 mm larger than the tablet

Send us tablets and tubes and we'll run them before you quote.

Technical Paremeter:

Model	APK-40A	APK-40B	APK-60	APKZL-60
Function	Fills tablet rolls into tubes, caps	Same, with stepper indexing	Fills tablets directly, caps, rejects short counts	Labels the finished tube
Indexing	Pneumatic	Stepper + indexing disk	Stepper, with short-count rejection	—
Speed (tubes/min)	35–40	35–40	50–60	60
Tablets per Tube	10–20	10–20	10–20	—
Power (kW)	1.2	1.5	2.0	0.8
Compressed Air	0.5–0.6 MPa, 0.28 m³/min	0.5–0.6 MPa, 0.28 m³/min	0.5–0.6 MPa, 0.24 m³/min	—
Dimensions (L×W×H) (mm)	1600 × 1500 × 1600	1600 × 1500 × 1600	3300 × 2000 × 1750	1400 × 500 × 1250
Weight (kg)	420	420	1,000	320

- Tablets already stacked in rolls, 35 to 40 tubes a minute: **APK-40A**, or **APK-40B** for steadier indexing
- Loose tablets, 50 to 60 tubes a minute, with short-count rejection: **APK-60**
- Label the tube on the same line: add the **APKZL-60**