



KX 600

Remplisseuse de tubes
Tube filling and closing machine
Tubenfüll- und schliessanlage



Machines

KALIX

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SUBJECT : Automatic multisize machine **MODEL KX 600** to fill and close collapsible plastic or metal tubes with liquid or pasty products.

PRODUCTION OUTPUT : 1.000 to 3.600 tubes/hour according to the viscosity of the product, tube diameter, the additional equipment chosen.

SERVICE : This machine is driven by only one operator who has to load the infeed store with empty tubes.

MAIN FONCTIONS : Loading of the empty tubes, counting, orientation of the printing, filling, closing, serrating, batch number coding and ejection of the filled tubes.

TUBES : ϕ 13,5 to 50 mm, length 60 to 220 mm, filling volume 4 to 590 ml.

Pump/Dosing	Mini	Maxi
ϕ 14	4 ml	15 ml
ϕ 22	8 ml	35 ml
ϕ 35	20 ml	95 ml

Pump/Dosing	Mini	Maxi
ϕ 52	40 ml	220 ml
ϕ 85	95 ml	590 ml

CLOSING HEADS :

- **METAL HEAD :** For folding, serration and coding metal tubes. The machine may be equiped with either 2 folds head, double fold or saddle fold head.

- **SOUDO IV HEAD :** Seals plastic tubes of polyethylen or polypropylen :
 . The tubes are maintained closed by grip fingers from the end of the filling, up to the ejection station,
 . And heated by 2 sets of jaws teflon coated,
 . A temperature display is supplied for each heating element regulation,
 . Sealing, serration and coding on one station,
 . Good finish through a trimming station.

- **HOT AIR HEAD :** For sealing plastic of polyfoil tubes :
 . A nozzle adapted to the tube diameter dives into the upper part of the tube and lateraly blows hot air on the inside wall of the tube,
 . The heated part is then sealed by jaws, serrated and coded at the next station,
 . Good finish through a trimming station.

- **H.F.I. HEAD :** For polyfoil or laminate tubes :
 . The area to be sealed is heated by induction of a high frequency current in the metal sheet,
 . This part is then sealed by jaws, serrated and coded at the next station,
 . Good finish through a trimming station.

OUTSTANDING FEATURES :

- . Indexed turning plate ϕ 470 with 12 interchangeable tube-holders,
- . Security device "no tube = no filling",
- . Filling (acuracy +/-1%) by volumetric pump and rotary valve,
- . Injector diving of 20 mm in the tube during the filling operation,
- . Product string cutting by resucking process at the end of the filling,
- . All parts in contact with the product are of stainless steel 316 L, easy to dismantle for cleaning and sterilisation,
- . Safety guards for operators and paint finish (stainless steel on option)

NOTA : The above technical data are only indicatory and may be subject to modifications without previous notice.

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