king automatic container feed

MODEL ATLC

This automatic container feed was developed to improve the performance of our existing TB2 and TB4 Electronic Tablet Counters. This machine allows the operator to load containers on to an unscrambling table and to be free to undertake other operations, i.e. cottoning and capping, etc., whilst the tablets are being counted. The unit also increases the speed of the tablet counters.

A minimum of floor space is required and the operator can change over the machine in minutes with few change parts. The filling speed is dependent on the count and tablet feed rate but up to 60 containers a minute can be handled. Compare this figure with 35 containers a minute by manual methods. The model AT-LC consists of an unscrambling table (750 mm Ø) and conveyor (2000 mm long) with an adjustable height platform to mount the counting machine. Containers are placed on the unscrambler & feed off in a single row on to the conveyor
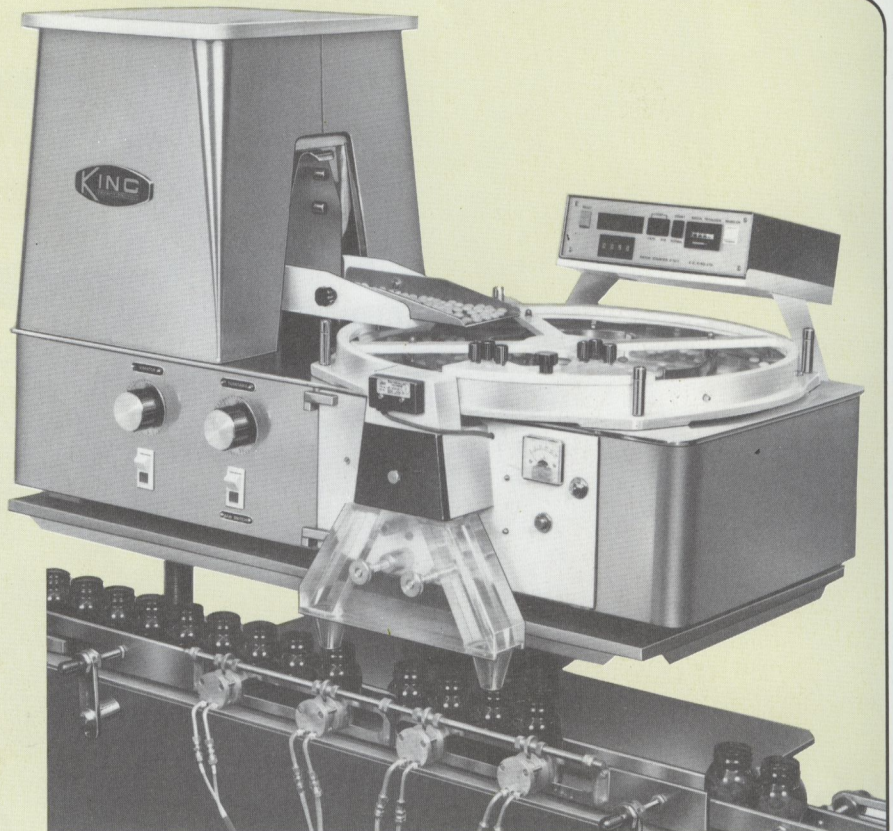
The pneumatic gating cylinders are synchronised with the counting machine, allowing, by a unique method, continuous filling into one row of containers. Mechanical gating improves the location of containers under filling funnels and minimises spillages.

This picture shows the filling funnels and gating mechanism. Here, interchangeable funnels are required for different container necks. The AT-LC container feed is delivered complete with the special funnels for the counting machine, and all control mechanism. The mounting of the counting machine is relatively simple and takes approximately 2 working hours.
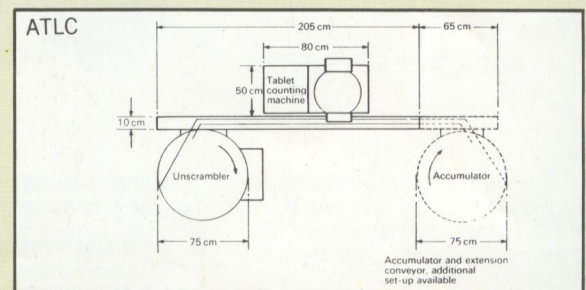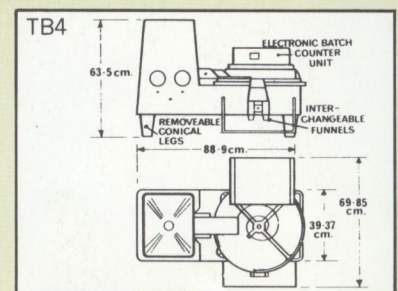

Outputs	TB4		
Tablets/	min	Capsules	/min
5mm	2600	1	800
6.5	2100	2	900
9.	1800	3	1000
10.	1600	4	1100
11.5	1400	5	1200
15.	1000		

ATLC
Container Size 15-60mm OD
20-200 HT

Machine Specification

	TB4	TBA-ATLC
Machine size	90x55x65cms	as sketch
Voltage	110/230V.1ph	110/230V.1ph
Operator	One	One
Power	200W	680W
Nett Wt.	77 KG	185 KG
Gross Wt.	114 KG	275 KG
Case size	99x61x68cms	265x90x90cms
		2500 L/hr
		supply
air	—	required

TB4

ATLC