

# COMCOUNT

## BF-T Range of Twin Head Automatic Counting Machines



The Comcount BF-T range of Twin Head Counting Machines are specifically designed to automatically feed and optically count most types of Industrial, Technical and Pharmaceutical components into small batch quantities.

The system basically consists of two individual Bowl Feeder Counting Machines housed in a common framework with integrated control system to form a compact and extremely cost efficient high speed counting system.

Typical applications include fasteners, small mouldings, hardware items, electrical and electronic components, pharmaceutical parts etc and a number of different sized units are available to cover a wide range of applications.

Each counter unit basically comprises a Vibratory Bowl Feeder which is fitted with simple adjustable tooling which feeds the product in a single line through a sensitive light curtain into an accumulating trap box which holds the completed count ready to be discharged on demand.

| Model   | Bowl Diameter | Feed Width | Sensitivity | Maximum Component |
|---------|---------------|------------|-------------|-------------------|
| BF-320T | 320 mm        | 20 mm      | 0.5 mm      | 15 x 15 x 20 mm   |
| BF-530T | 530 mm        | 32 mm      | 1 mm        | 30 x 30 x 60 mm   |
| BF-650T | 650 mm        | 50 mm      | 1 mm        | 50 x 50 x 80 mm   |
| BF-840T | 840 mm        | 65 mm      | 1 mm        | 50 x 50 x 80 mm   |

### **Standard Features**

Counters can be discharged alternately to achieve higher speeds when running a single product or discharged together to produce mixed packs containing two different items.

Specially formed high output cast aluminium bowl, polyurethane coated to prevent wear and reduce noise. Bowls and Count Heads enclosed in noise reducing enclosure.

Stainless steel adjustable tooling held with quick release knobs. Optional versions with conical bowl units to suit flat products such as washers or oil seals etc.

Extremely high accuracy counting obtained by sophisticated Light Curtain type sensor with adjustable sensitivity set in product menu.

Sophisticated Siemens PLC based control system with Touch Screen Display for setting of machine parameters and menu storage of product settings.

BF-T Units can be produced with two different size counters, such as the BF530/220T shown, to handle micro and medium sized components on the same system.

Compact and cost effective units ideal for combination with an Autobag AB Range bagmaker to produce a fully automatic counting and bagging system.

Range of options available including Bowl Level Sensors, different sized Vibratory Bulk Hoppers, Loading Elevators, Bin Lifters and Infeed Distribution Systems.

### **Multiple Installations**

Multiple units of the BF or BF-T range counters can be combined with an indexing conveyor system to collate their outputs and feed them into an automatic bagmaker to produce multi item furniture assembly packs or spare parts kits etc.

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