

COMCOUNT

BF Range of Bowl Feeder Based Automatic Counting Machines for Handling Industrial Components.



The Comcount BF Range of Counting Machines are specifically designed to automatically feed and optically count most types of industrial components into small batch quantities.

Typical applications include screws, fasteners, plastic mouldings, DIY parts, wiring clips, electronic parts, pharmaceutical components, etc and a number of different units are available to cover a wide range of applications.

The units basically comprise a vibratory bowl feeder counter which is fitted with simple adjustable tooling to gauge the height and width of the component hence enabling them to be formed into a single line prior to counting.

The components are then feed through a sensitive light curtain type counting head into an accumulating trap box which holds the completed batch ready to be discharged upon demand.

Model	Bowl Diameter	Feed Width	Sensitivity	Maximum Component
BF-320	320 mm	20 mm	0.5 mm	15 x 15 x 20 mm
BF-530	530 mm	32 mm	1 mm	30 x 30 x 60 mm
BF-650	650 mm	50 mm	1 mm	40 x 40 x 70 mm
BF-840	840 mm	50 mm	1 mm	50 x 50 x 80 mm

Standard Features

Specially formed high output cast aluminium bowl, polyurethane coated to prevent wear and reduce noise. Range of optional infeed hoppers or elevators available.

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 Light Curtain type sensor with adjustable sensitivity. Bowl feeder counter unit enclosed in a noise reducing enclosure.

Sophisticated Siemens PLC based control system with digital control and setting of machine parameters. Optional check weigh and reject system available.

Compact and cost effective units ideal for use in a stand alone application or combined with an automatic bagmaker to produce a fully automatic counting and bagging system.

BF-T Twin Counter Units

Comcount BF range counters are also available as a BF-T twin head unit with two independent counters housed in a common framework with a noise reducing enclosure.

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

Extremely cost effective units with an integrated control system with a touch screen display.

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.

COMCOUNT

Unit 16 Shipston Close

Cranham Estate

Worcester WR4 9XN

Tel: 01905 454710 Fax: 01905 455849

e-mail: sales@comcount.co.uk

www.comcount.co.uk