500 series
carousel machines
The 500 Series from TREPKO is designed around a carousel principle for handling pre-formed containers and provides a medium to high speed production output.

The flexible nature of the 500 Series allows for a variable machine length to suit the specified product. This flexibility permits a choice of several multi-fill applications with additional depositors for liquid, semi-liquid, dry products or simple hand placement areas. Different closing options are also available such as pre-cut foil, foil from reel & snap-on lids.

The carousel machines from TREPKO rely on a fully stainless steel construction which is combined with modern drive systems for a smooth and reliable operation. TREPKO also offers extra hygienic features CIP & SIP cleaning of both the dosing and/or packaging areas, in addition to an ULTRACLEAN version of the machine. Special efficiency support features, like magazine buffers for cups and lids are available to aid the operator and ensure reliable production levels.

The 500 Series machines are available in a single or twin lane format. The high adaptability levels of these machines is also reflected in a quick and easy changeover between different packaging sizes.
Design Example

1. Cup Dispenser
2. Cup Detect
3. Hand Placement 1
4. Crumb Feeder
5. Crumb Tamp
6. Hand Placement 2
7. Batte Depositor
8. Hand Placement 3
9. Toppings Depositor
10. Hand Placement 4
11. Foil Dispense
12. Heat Seal
13. Date Coder
14. Free space for Lid Dispense
15. Eject Lift & Sweep
16. Operator Control Panel/HMI
17. Eject Conveyor

Options

PACKAGING HYGIENE
Sterile Air Cabin
Chemical Sterilisation of Cups / Foils
UV Radiation of Cups / Foils
CIP/SIP of the Dosing System
CIP/SIP of the Packaging Area
Gas Flush

INDIVIDUAL APPLICATIONS
Pre or Post-Depositors
Dry Product Fillers
Compensator
Marking
Modem

EFFICIENCY
Stack Feeding Magazine for Cups / Lids
Foil Sledge
Automatic Volume Adjustment

CLOSING
Pre Cut Foil Heat Seal
Snap-on-Lid
Foil from Reel

Specifications

- **Machine Type**
  - S11
  - S12
- **Lanes**
  - Single
  - Double
- **Max. Cup Dimensions**
  - Round (mm): Ø 210
  - Ø 97
  - Rectangular (mm): 180 x 180
  - 100 x 60
  - Depth (mm): 120
- **Max. Output (cup/hr)**
  - 1800
  - 3600
- **Power Supply**
  - 3 x 400V + PE + N
- **Compressed Air**
  - 30 m³/hr, 6 bar
  - 36 m³/hr, 6 bar