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

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**
  - 511
  - 512
- **Lanes**
  - Single
  - Double
- **Max. Cup Dimensions**
  - Round (mm) 210
  - Rectangular (mm) 180 x 180
  - 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