



TECHNOLOGY

Full Automatic

TYPE

Filling & Packaging Process

PRODUCTS

Liquid or Paste Products

OPTIONS

- Additional working stations.
- CIP reception.
- Set of parts for different cups dimensions or shapes.
- Set of parts for different filling products,
- Liquid or pasty.
- Rotary collecting table.
- Discharge Conveyor 6 meter

APPLICATION EXMPLES

- Yogurt
- Tahina
- Sour cream
- Tzatziki
- Cream cheese
- Processed cheese
- Ice cream
- Margarine
- Sauces, salsas
- Dips, hummus
- Liquid products

INFORMATION

Challenger 506D is fully automatic mechanical linear system It's designed for filling liquid or pasty products in plastic bucket With five work stations: Adding buckets, filling, adding covers, pressing cover, Exiting.

TECHNICAL DETAILS

Details

506D

Capacity	500 Bucket/hr
Cups/Action	2
Cups diameter	up to 300 mm
Filling range	up to 10 kg
Filling system	Weighing system
Discharge conveyor	2 meters
Control unit	PLC and touch screen with sensors
Dimensions (L/W/H in cm)	500/160/230
Air consumption	300 L/min
Power supply	380 V, 10 A, 3ph , 50 Hz

MATERIALS

Mainly used materials:

Stainless steel Nr.: **AISI 316 /AISI 304**, Food safe plastics **H-ECOP4R Viton EPDM**, Food safe elastomer.

OUR COMPONENTS

Our Components are predominantly mechanical, which provides easy maintenance and a long service life

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SAFTY

All machine areas are accessible through safety doors or removable covers. we pay attention to all security measures and standards.

HYGIENIC CONCEPTS

Our machines are characterized by an internal sterilization and cleaning system after production operations, in addition to the materials that were manufactured from them accept the process of sterilization and disinfection easily

FUTURE BENEFITS

- **Simple instructions– Guidelines for use and handling of the machine**
- **All parts used in our machines are from world-renowned suppliers**
- **Integrated conveyor belt through the full course of the machine**
- **Designed for CIP cleaning**
- **Central lubrication system**
- **User friendly operating panel**
- **Complies with all CE requirements at the date of shipment**

CONTACT

Challenger Industrial Solutions GmbH
An der Saline 20
D - 34385 Bad Karlshafen Germany

T: + 49 5672 92299 - 0
F: + 49 5672 92299 - 10

info@challengergmbh.de
www.challengergmbh.de

