Twin-lane high speed forming, cutting and wrapping machine for products in different wrapping styles. Simultaneous cutting and wrapping of products in twin-lane execution enables efficient and reliable high-performance wrapping of mass production.

**U1-DCW**

**Products**
- Hard and Soft Caramels
- Toffees
- Chewy Sweets
- Chewing Gum

**Output**
- up to 2000 products/min

**Product dimensions**
- Envelope fold: Length: 30 – 35 mm
- Side fold, bottom fold: Length: 16 – 38 mm
- Width: 12 – 25 mm
- Height: 4 – 15 mm
- Special sizes upon request

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**THEEGARTEN**

smarter packaging
U1-DCW

Wrapping material
- Wax paper
- Cellophane
- Aluminium/paper – coated

Material dimensions
- Reel diameter: up to 350 mm
- Core diameter: 70 – 76.2 mm

Utilities
- Connected load: 12 kVA
- Compressed air consumption: 1.5 m³/h; 600 kPa
- Cooling water consumption: 0.15 m³/h
- Temperature: 10 ... 15°C
- Pressure: min. 200 kPa

Measurements
- Machine:
  - Length: 1900 mm
  - Width: 1800 mm
  - Height: 2200 mm
- Switch cabinet:
  - Length: 1200 mm
  - Width: 500 mm
  - Height: 2100 mm

Weight
- Machine: 1750 kg
- Switch cabinet: 250 kg

Combination
Depending on the product, the machine can be synchronized either with a batch roller and rope sizing machine (toffees, hard and soft caramels) or an appropriate extruder and cooling tunnel (chewing gum, bubble-gum, chewy candy).

Special features
- Two pieces are cut simultaneously by means of a double knife, wrapped in a dual track wrapping head and sealed in twin-lane discharge
- Prefeeder and water-cooled guillotine knife
- Automatic splicer to change wrapping material reels without stopping the machine
- Servo control with PLC functions
- Central lubrication of all gear parts including oil pressure control/temperature control
- Pneumatic core locking and reel tensioning devices
- Servo-driven wrapping material feed rollers and wrapping material knife
- Reels of double width are split on the centreline
- All electrical and electronic components are located in a separate switch cabinet

Options
- Electronic speed control
- Photo-electric print registration
- Sealing unit for the longitudinal seam and cooling section
- Ejecting unit for unwrapped products

- Excellent accessibility for operation, maintenance and cleaning purposes
- Easy operation due to the touch screen
- Due to the automatic operation, several machines can be handled by one operator
- System of protection: IP 54