



UNIFILL

LEADING THERMOFORMING TECHNOLOGY



EVERY DAY
MILLIONS
OF PEOPLE

CHOOSE THE UNIT-DOSES
PRODUCED WITH OUR MACHINES

UNIFILL
LEADING THERMOFORMING TECHNOLOGY

for their **future**



VISION

UNIFILL is committed to design and manufacture a **future of safe, sustainable and affordable portion-packs technologies** available to anyone, anywhere.

MISSION

We regularly co-operate with our customers to provide **innovative and sustainable technical solutions** to satisfy the current and the future needs of the Food and the Non-Food Industry.



for their **fun**



**SALES OFFICE
IN THE U.S.A.**
(HOUSTON)

**SALES OFFICE
IN GERMANY**
(DÜSSELDORF)

**HEADQUARTERS
AND OPERATION
IN ITALY**
(BOMPORTO)

**REPRESENTATIVE
OFFICE
IN CHINA**
(BEIJING)

OVER
400
MACHINES INSTALLED
ALL OVER THE WORLD
SINCE 1979



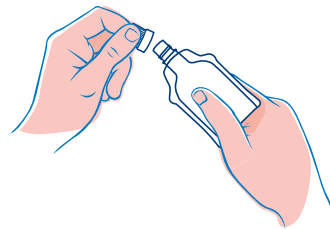
8 SOLUTIONS

FOR ANYONE



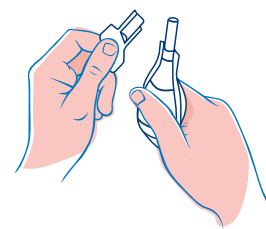
SQUEEZABLE

Squeezable solutions for liquid & semi-dense products



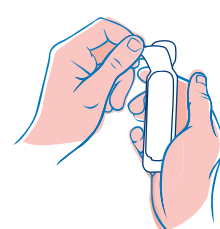
SQUEEZABLE WITH CAP

Squeezable solutions with cap for liquid & semi-dense products



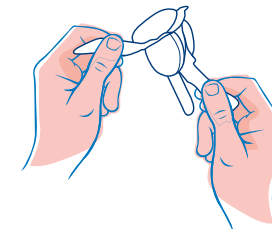
SQUEEZABLE WITH STRAW

Squeezable solutions with straw for liquid products



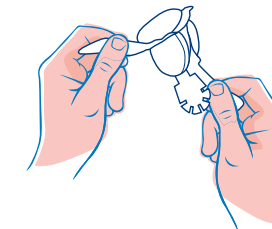
PEELABLE

Peelable solutions for products that solidify after the filling



PEELABLE WITH SYMMETRICAL STICK

Peelable solutions with symmetrical stick for products that solidify after the filling and eatable as an ice-cream or lollipop



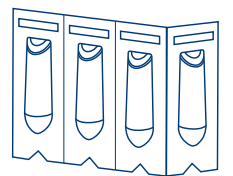
PEELABLE WITH ASYMMETRICAL STICK

Peelable solutions with asymmetrical stick for products that solidify after the filling and eatable as an ice-cream or lollipop



QWIKPAK

QwikPak, the solution that smartly combines the advantages of pouches and bottles



SUPPOSITORIES & OVULES

Solutions for Suppositories and Ovules





SMART SOLUTIONS

FOR YOUR
CUSTOMERS' NEEDS

UNIFILL
LEADING THERMOFORMING TECHNOLOGY

for new **ideas**



for her **dreams**

TECHNOLOGY FOR
**THERMOFORM
FILL & SEAL**
UF UNIFILL

UNIFILL TF-K



INDICATIVE MACHINE OUTPUT*

2,700 pcs/h
3 pcs/cycle
60ml

5,400 pcs/h
6 pcs/cycle
20ml

7,200 pcs/h
8 pcs/cycle
10ml

8,100 pcs/h
9 pcs/cycle
5ml

* depending on shape definition

UNIFILL entry-level machine for unit-doses, TF-K is designed to reach high quality standards in terms of reliability and innovation. The machine is suitable for the production of squeezable, peelable, stand-up, contour shaped and/or connected monodoses for the food and the non-food industry.

TF-K machine thermoforms starting from a single reel of plastic material and, thanks to its exclusive balcony structure, makes cleaning, maintenance and tooling change-over operations simple and quick.

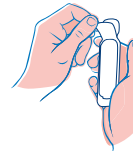


SOLUTION PACK

available with
TF-K



SQUEEZABLE



PEELABLE

TECHNICAL FEATURES

- Mould height: 50 - 120 mm
- Mould area: 160 mm
- Dosing units for liquid and semi-dense products
- High precision cutting unit for contour-shaped profiles and/or connected strips
- Possibility to use special barrier materials, such as EVOH or PVDC, to extend product shelf-life
- Reels width range: between 100 – 240 mm



Description	Features
Filling range	1 – 100 ml
Number of cycles/min.	15
Thermoforming mould area	160 mm (w) X 120 mm (h)
Overall dimensions	4700 mm X 1110 mm X 2500 mm (h)
Total machine weight	2.700,00 kg
Air consumption	800 NI/min.
Power consumption	16 kW
Plastic film thickness	250-480 µm

UNIFILL TF-K/HS



INDICATIVE MACHINE OUTPUT*

5,400 pcs/h
3 pcs/cycle
60ml

7,200 pcs/h
4 pcs/cycle
30ml

14,400 pcs/h
8 pcs/cycle
10ml

16,200 pcs/h
9 pcs/cycle
5ml

* depending on shape definition

Compact monobloc machine for high performances, the TF-K/HS machine has been equipped with the most modern electronic control devices. The machine is suitable for the production of squeezable, peelable, stand-up, contour shaped and/or connected monodoses for the food and the non-food industry.

TF-K/HS machine thermoforms starting from a single reel of plastic material and, thanks to its exclusive balcony structure, makes cleaning, maintenance and tooling change-over operations simple and quick.

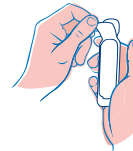


SOLUTION PACK

available with
TF-K/HS



SQUEEZABLE



PEELABLE

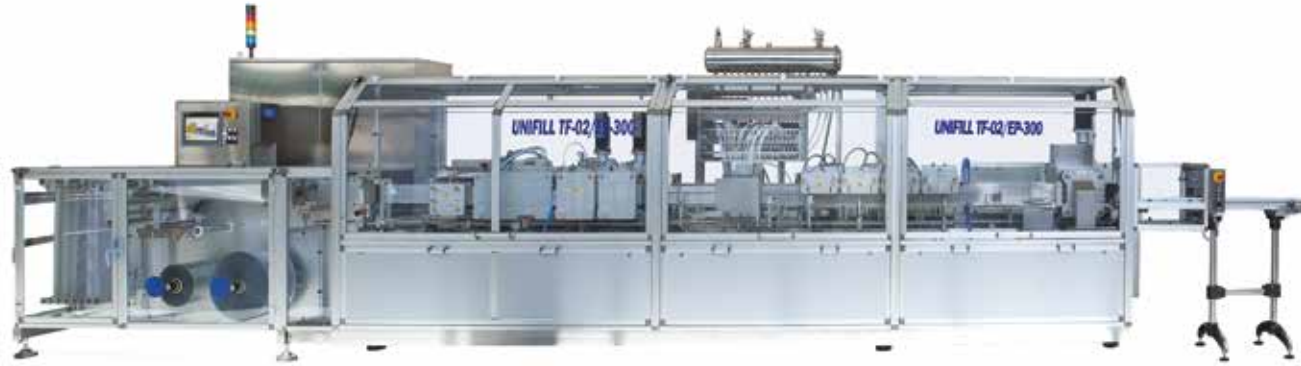


TECHNICAL FEATURES

- Mould height: 50 - 120 mm
- Mould area: 160 mm
- Dosing units for liquid and semi-dense products
- High precision cutting unit for contour-shaped profiles and/or connected strips
- Possibility to use special barrier materials, such as EVOH or PVDC, to extend product shelf-life
- Reels width range: between 100 – 240 mm

Description	Features
Filling range	1 – 100 ml
Number of cycles/min.	Up to 35
Thermoforming mould area	160 mm (w) X 120 mm (h)
Overall dimensions	4700 mm X 1110 mm X 2500 mm (h)
Total machine weight	2.700,00 kg
Air consumption	500 NI/min.
Power consumption	26 kW
Plastic film thickness	250-480 µm

UNIFILL TF-02



INDICATIVE MACHINE OUTPUT*

6,300 pcs/h
3 pcs/cycle
215ml

12,600 pcs/h
6 pcs/cycle
50ml

12,000 pcs/h
8 pcs/cycle
20ml with stick

37,800 pcs/h
18 pcs/cycle
1ml

Fully automatic machine, with high-level hygiene and technological standard, designed to reach high performances and productions for food and non-food applications.

The TF-02 machine is suitable for the production of squeezable, peelable, stand-up, contour shaped and/or connected portion packs. The machine can be equipped with several options such as: automatic stick applicator to apply symmetrical or asymmetrical plastic sticks, straw applicator, cap applicator, single and/or double labelling machine, "Ultra-Clean" package and automatic visual cameras to check product quality.

The TF-02 machine thermoforms starting from a single reel of plastic material and, thanks to its exclusive balcony structure, makes cleaning, maintenance and tooling change-over operations simple and quick.

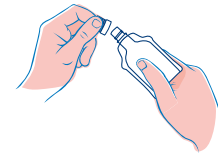


SOLUTION PACK

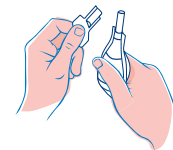
available with
TF-02



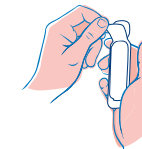
SQUEEZABLE



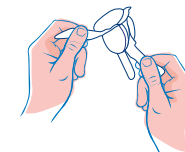
SQUEEZABLE
WITH CAP



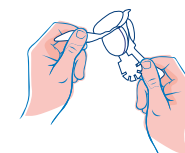
SQUEEZABLE
WITH STRAW



PEELABLE



PEELABLE WITH
SYMMETRICAL
STICK



PEELABLE WITH
ASYMMETRICAL
STICK

TECHNICAL FEATURES

- Mould height: 50 - 150 mm
- Single or double dosing units for liquid and semi-dense products
- High precision cutting unit
- Possibility to use special barrier materials, such as EVOH or PVDC, to extend product shelf-life
- Reels width range: between 100 – 300 mm
- Reel-holding unit with 2 powered shafts and a buffering unit to allow the change-over of the plastic reel without stopping the machine



Description	Features
Filling range	1 – 250 ml
Number of cycles/min.	Up to 35
Thermoforming mould area TF-02/260	260 mm (w) X 120-150 mm (h)
Thermoforming mould area TF-02/300	300 mm (w) X 120-150 mm (h)
Overall Dimensions	6650 mm X 3250 mm X 2500 mm (h)
Total machine weight	3.500,00 kg
Air consumption	1100 NI/min – 6 bar
Power consumption TF-02/260	30 kW / 50 A (mould width 260 mm)
Power consumption TF-02/300	32 kW / 60 A (mould width 300 mm)
Plastic film thickness	250 - 480 µ

* depending on shape definition

UNIFILL TF-03



INDICATIVE MACHINE OUTPUT*

3,600 pcs/h
2 pcs/cycle
500ml

5,400 pcs/h
3 pcs/cycle
300ml

9,000 pcs/h
5 pcs/cycle
100ml

10,800 pcs/h
6 pcs/cycle
80ml

* depending on shape definition

Fully automatic machine, with high-level hygiene and technological standard, designed to reach high performances and productions for food and non-food applications. The TF-03 machine is suitable for the production of squeezable, peelable, stand-up and non stand-up portion-packs/bottles.

The machine can be equipped with several options such as: straw applicator, cap applicator, single and/or double labelling machine, "Ultra-Clean" package and automatic visual cameras to check product quality. The TF-03 machine thermoforms starting from a single reel of plastic material and, thanks to its exclusive balcony structure, makes cleaning, maintenance and tooling change-over operations simple and quick.

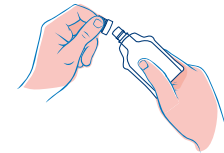


SOLUTION PACK

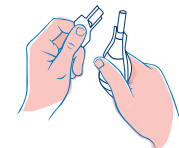
available with
TF-03



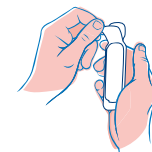
SQUEEZABLE



SQUEEZABLE
WITH CAP



SQUEEZABLE
WITH STRAW



PEELABLE



TECHNICAL FEATURES

- Mould height: 100 - 220 mm
- Single or double dosing units for liquid and semi-dense products
- High precision cutting unit
- Possibility to use special barrier materials, such as EVOH or PVDC, to extend product shelf-life
- Reel width range: between 200 – 440 mm
- Reel-holding unit with 2 powered shafts and a buffering unit to allow the change-over of the plastic reel without stopping the machine

Description	Features
Filling range	1 – 500 ml
Number of cycles/min.	20-30
Thermoforming mould area	350 mm (w) X 220 mm (h)
Overall Dimensions	9700 mm X 3550 mm X 2500 mm (h)
Total machine weight	4.200,00 kg
Air consumption	800 NI/min
Power consumption	65 A
Plastic film thickness	250 - 480 µ

UNIFILL TF-400 QWIKPAK

SOLUTION PACK

available with
TF-400 QWIKPAK



QWIKPAK



INDICATIVE MACHINE OUTPUT*

3,000 pcs/h
2 pcs/cycle
500ml

5,400 pcs/h
3 pcs/cycle
300ml

6,000 pcs/h
4 pcs/cycle
100ml

Fully automatic modular thermoform fill & seal machine suitable for the exclusive production of "QwikPak", a 3D shaped soft, light, flexible and sustainable spouted bottle that minimizes the waste.

QwikPak is fully customizable with countless tailor-made shapes and it is suitable for food and non-food products.

TF-400 machine can be equipped with (or without) spout and cap applicator, ink-jet unit, "Ultra-Clean" package and automatic visual cameras to check product quality. TF-400 thermoforms starting from a single reel of plastic material and, thanks to its exclusive balcony structure, makes cleaning, maintenance and tooling change-over operations simple and quick.

TECHNICAL FEATURES

- Mould height: 120 – 220 mm
- Suitable dosing units for liquid or semi-dense products
- Precise individual contour-shaped cut of the bottle
- Possibility to use plastic material with EVOH barrier to increase product shelf-life
- Reel width between 200 – 440mm
- Reel-holding unit with 2 powered shafts and a buffering unit to allow the change-over of the plastic reel without stopping the machine

Description	Features
Filling range	1 – 500 ml
Number of cycles/min.	Up to 25
Thermoforming mould area	400 mm (w) x 220 mm (h)
Overall Dimensions	7260 mm X 2455 mm X 2350 mm (h)
Total machine weight	3.800,00 kg
Air consumption	600 NI/min
Power consumption	65 A
Plastic film thickness	200 - 300 µm (soft)



* depending on shape definition

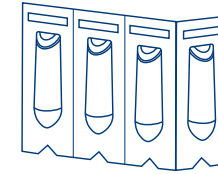
TECHNOLOGY FOR
SUPPOSITORIES
UNIFILL

FUNIFILL RESNOVA 15/35



SOLUTION PACK

available with
RESNOVA 15/35



SUPPOSITORIES
& OVULES

TECHNICAL FEATURES

- Dosing unit in AISI 316L
- Special off-line dosing to allow the operator to check the accuracy of the dosage (upon request)
- No top trimming operations required
- Easy machine access and maintenance operations thanks to its balcony structure
- Tooling change-over from PVC/PE shape to ALU/PE shape and vice-versa
- TIP 106 unit for the connection to a cartoning machine

INDICATIVE MACHINE OUTPUT*

18,000 pcs/h
PVC/PE - ALU/PE
1 cooling tunnel

24,000 pcs/h
PVC/PE - ALU/PE
2 cooling tunnels

30,000 pcs/h
ALU/PE
3 cooling tunnels

35,000 pcs/h
PVC/PE
3 cooling tunnels

* depending on shape definition

Fully automatic machine for the production of suppositories / ovules designed to reach high performances. The patented and perfected mechanics, make the Resnova a reliable and efficient machine. The Resnova machine is designed to allow both the use of PVC/PE and ALU/PE materials and, thanks to the Aluminum Kit, the tooling change-over from PVC/PE to ALU/PE and vice-versa is fast and accessible.



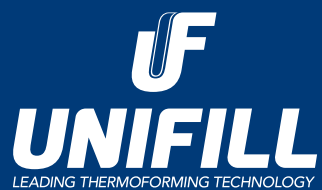
Description	Features
Filling range:	0,2 – 4 ml
Output production/h:	Up to 18.000 (if equipped with one cooling tunnel)
Output production/h:	Up to 24.000 (if equipped with two cooling tunnels)
Output production/h:	Up to 35.000 (if equipped with three cooling tunnels)
Thermoforming mould area:	210 mm (w) - 80 mm (h)
Overall dimensions	5100 – 6750 mm x 1500mm x 2300mm
Total machine weight:	3.720 – 4.690 kg
Air consumption:	200 – 450 NI/min
Power consumption	26-33 kW
Film thickness (PVC/PE)	100 - 150 µm
Film thickness (ALU/PE)	75 - 150 µm

THE GROWTH OF
OUR CUSTOMERS'
BUSINESS
IS OUR PRIORITY
SINCE 1979

UNIFILL
LEADING THERMOFORMING TECHNOLOGY

for their **growth**





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