

MAIN CATALOGUE



SMART  
SIMPLICITY  
MADE IN  
SWITZERLAND



# V SINCE 1981

At WM, we've been building thermoforming machines since 1981 with one clear goal: making thermoforming simpler, smarter, and more efficient.

Our systems are reliable, intuitive, and built to perform. Easy to learn, easy to use, and designed to deliver consistent quality over time.

We offer flexibility: in our machine design, in how we support each project, and in the way we build strong, lasting partnerships with our customers through our sales team and service.

And as the industry moves toward smarter manufacturing, we connect machines, data, and people.

I N G E N I O U S   S I M P L I C I T Y



V



O U R S O L U T I O N S

FT

TWIST 700

FX

FLEX 92

FXL 1000

INTEC

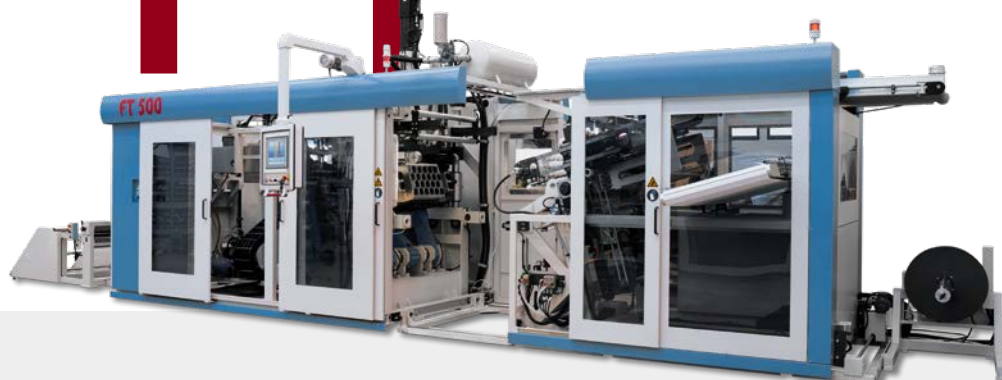
RIM ROLLER

PREHEATER

SOFTWARE

CUSTOMER SERVICE

# FT



**Application**  
Food & Beverage



## FT series

Tilting platen machines designed for medium to high-volume production. Precision, speed, and stability for high-performance forming.

### WHAT MAKES THE DIFFERENCE:

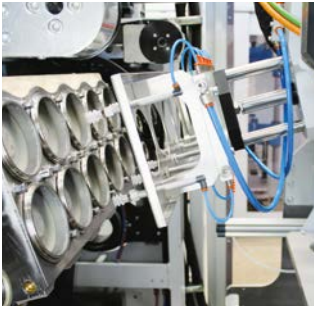
- Highly efficient HTS energy-saving heating system.
- 7-year warranty chainrails.
- Fast cycle time.
- Multiple stacking solutions for high flexibility.
- Multiaxis synchronized control.
- Thermoforming process monitoring.
- Easy set-up & maintenance.

	FT 500	FT 700	FT 900	FT 900 D
Max sheet width	620 mm	750 mm	930 mm	930 mm
Max mould size	570x375 mm	705x400 mm	880x520 mm	880x520 mm
Max cutting dimension	550x320 mm	685x340 mm	860x460 mm	860x460 mm
Max negative depth	150 mm	150 (180) mm	180 mm	220 mm
Clamping force	300 kN	400 kN	750 kN	750 kN
Max sheet thickness	1,8 (2,6) mm	1,8 (2,6) mm	1,8 (2,6) mm	1,8 (2,6) mm
Max cycles/min	45	45	35	35

### Key Features

- Precise 4-step cutting.
- Solid, smooth cam motion.
- Clamping force monitoring.
- High-speed plug motion.
- Integrated cooling system.
- Intuitive and user friendly HMI software.

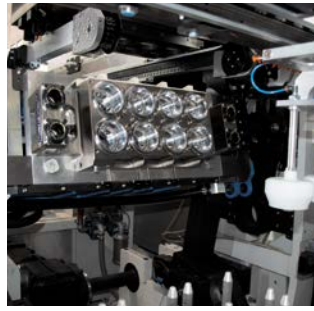
**STACKING SYSTEMS**



**MSv MULTI STACKER**

FOR LIDS, LIGHTWEIGHT CUPS & SHALLOW ITEMS

- Downward stacking.
- Cheaper stacking tools.
- Maximum process stability & product flexibility.
- Optional auto sheet feed.



**MSvs MULTI STACKER SHUTTLE**

BEST SOLUTION FOR DEEP DRAW CUPS

- All MSv advantages, plus:
- Higher stacking buffer for deep draw cups.
  - Lateral discharge for quality inspection.
  - Suitable for W mold layout



**RS ROTO STACKER**

FOR CUPS AND TUBS

- Rotating plate 180°.
- Accurate stacking.
- Automated transfer.
- Synchronized movements with electronic cam.
- Optional auto sheet feed.



**BS BLOW STACKER**

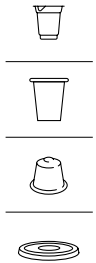
FOR DEEP DRAW OR REGULAR CUPS

- Air-blown stacking.
- Fast, clean stacking.
- Anti-blockage sensors.
- Ideal for high-speed lines.
- Minimal maintenance.
- No moving parts.

# TWIST



**Application**  
Food & Beverage



**DESIGNED FOR FLEXIBILITY**

Compatible moulds:  
- RDM70  
- RDM54

## TWIST series

The ideal solution for producers seeking tool adaptability, energy saving, and fast, reliable performance.

**KEY HIGHLIGHTS:**

- Highly efficient HTS energy-saving heating system.
- Minimum vibration.
- Electrical bottom extractor.
- High speed: up to 50 cycles/min for light, shallow items.
- Maximum output.

	<b>TWIST 700</b>
Sheet width	400-750 mm
Max mould size	705x400 mm
Max cutting dimension	685x340 mm
Max negative forming depth	180 mm
Clamping force	400 kN
Max sheet thickness	1,8 (2,6) mm
Max cycles/min	50

# FX



**Application**  
 Food & Beverage  
 Protein Trays  
 Medical & Pharmaceutical  
 Horticulture  
 Consumer & Industrial



## FX series

Steel rule cutting machines designed for flexible production, high output, and long-term reliability.

**WHAT MAKES THE DIFFERENCE:**

- High efficiency energy saving heating system.
- 7-year warranty chainrails.
- Small machine footprint for highest throughput per sqm.
- Highest safety standards.
- Robot stacker for maximum flexibility.
- Lower tooling cost & easy tool adaptation.
- Quick & easy tool changeover.
- Mould compatibility with RDK80 and KMD78.
- Easy set-up & maintenance.

	FX780	FC1000
Max. mould size	780x590 mm	1060x750 mm
Max. pos/negative depth	140 mm	140 mm
Forming clamping force	300 kN	600 kN
In-mould clamping force	750 kN	1300 kN
Total heating power	96 kW	176 kW
Cutting force	600 kN	1050 kN

**Key Features**

- Symmetric double toggle system.
- 4-point parallelism in forming & cutting.
- Highest clamping force.
- Zero backlash, less knife wearing.
- Ultra robust machine design & durable components.
- Intuitive and user friendly HMI software.



## MACHINE CONFIGURATIONS

### FX

- Pressure forming
- Steel rule cutting
- Stacking



### FX IM

- Forming with in-mould cutting
- Stacking



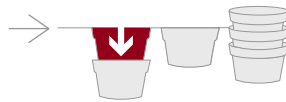
### FX HP

- Pressure forming
- Hole punching
- Steel rule cutting
- Stacking



### FX IM2

- Forming with in-mould cutting
- Separate cutting
- Stacking



### FX IM2 HP

- Forming with in-mould cutting
- Hole punching
- Steel rule cutting
- Stacking



## STACKING SYSTEM OPTIONS



### UPWARD STACKER

- Upward stacker + stacking basket + swiper;
- Optional:
  - electrical A-B stacker;
  - movement for lids handling device.



### DOWNWARD STACKER

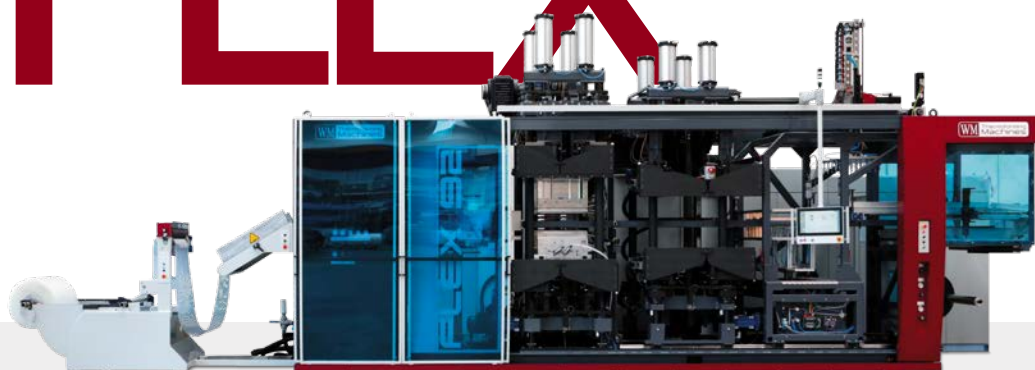
- No stacking basket needed.
- Ergonomic product offload for packer.



### 2-3 AXIS ROBOT STACKER

- 2 or 3-axis robot pick & place.
- AB, ABC stacking.
- Pick & Place.
- Faster tool changeover time.
- Maximum flexibility.
- Lids handling device or swiper (opt).

# FLEX



**Application**  
 Protein Trays  
 Medical & Pharmaceutical  
 Consumer & Industrial



**DESIGNED FOR FLEXIBILITY**

Compatible moulds:  
 - KMD78  
 - KMD85  
 - RDKP72  
 - RDK80  
 - RDK90

## FLEX92

One machine for extensive mould matching.

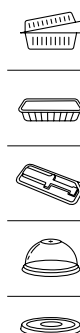
	<b>FLEX 92</b>
Maximum mould size	920x700 mm
Max. mould size with pneumatic	890x700 mm
Max. pos/negative depth	160 mm
Forming clamping force	1050 kN
Cutting force	900 kN



# FXI



**Application**  
 Protein Trays  
 Medical & Pharmaceutical  
 Consumer & Industrial



**DESIGNED FOR FLEXIBILITY**

Compatible moulds:  
 - KMD90  
 - Sencorp 2500

## FXL1000

When size meets speed.  
 The highest throughput per sqm available on the market.

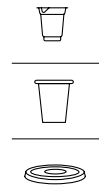
	<b>FXL1000</b>
Max. mould size	1060x940 mm
Max. pos/negative depth	160 mm
Forming clamping force	600 kN
Total heating power	176 kW
Cutting force	1050 kN



# INTEC



**Application**  
Food & Beverage



## INTEC series

**Complete turn-key solution:** a fully integrated, closed loop process from raw material handling to finished product packaging.

Including:

- Vertical 3-roll laminating calender.
- N.EXT extruder.



### WHAT MAKES THE DIFFERENCE:

- Faster quality control adjustment.
- Reduced material usage.
- Highest energy efficiency.
- Higher production output.
- Optimized production space.
- Reduced manpower.
- Higher machine efficiency.

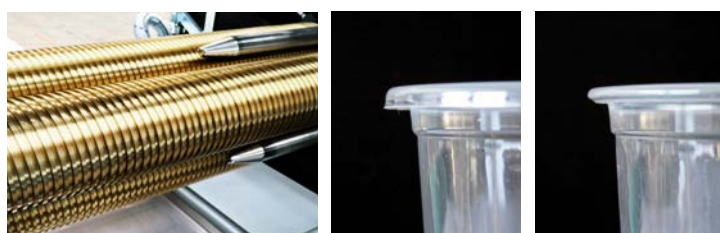
	INTEC FTP 1000	INTEC 500	INTEC 700	INTEC 900/900D	INTEC 1000	INTEC 1100
Main extruder diam.	75-90 mm	45 mm	45 - 75 mm	75-90 mm	120-150 mm	120-150 mm
Max. capacity PS	1100 kg/h	510 kg/h	850 kg/h	1100 kg/h	800 kg/h	1.000 kg/h
Max. capacity PP	750/900 kg/h	450 kg/h	750 kg/h	750/900 kg/h	-	-
Max. forming tool area	1060x750 mm	570x375 mm	705x400 mm	880x520 mm	1000x1000 mm	1010x800 mm
Forming system	Pressure	Pressure	Pressure	Pressure	Vacuum only	Pressure
Forming clamping force	600 kN	300 kN	400 kN	750 kN	400 kN	350 kN
Trimming force	700 kN	-	-	-	-	200 kN

### PRODUCTION RATE FOR CUPS

Ø 70,3 Rimmed PP-PET-PS (200 cc ÷ 8 oz)	-	46.000 pcs/h	80.000 pcs/h	120.000 pcs/h	-	200.000 pcs/h
Ø 92 Rimmed PET (400-550 cc ÷ 12-16 oz)	-	35.000 pcs/h	43.000 pcs/h	60.000 pcs/h	-	-
Ø 92 Rimmed PP (400-550 cc ÷ 12-16 oz)	-	28.000 pcs/h	30.000 pcs/h	55.000 pcs/h	-	145.000 pcs/h

# RIM ROLLER B1400

Automatic rim rolling unit designed to rim PP, PET cups. For improved product quality of conical cups or containers.



Rimming capacity	120000 pcs/h
Max. product diameter	120 mm
Min. product diameter	45 mm
Total installed power	~21 kW
LxWxH	3100x1050x-1600 mm
Weight	~1500 kg

# PREHEATER PH920 PH1100

Hot air heating system for optimal temperature distribution of the polypropylene sheet.



## KEY FEATURES:

- Easy sheet feed.
- Maximum insulation and heating length ensuring optimal temperature distribution.
- Quick material inspection with integrated sight glass.

	PH 920	PH 1100
Hot air system capacity	30 Kw	53 Kw
Max speed	19 m/1'	24 m/1'
Air flow	4.000 cu.m/h	8.000 cu.m/h
Fan motor power	3 kW	5,5 kW
Insulation thickness	80 mm	80 mm
Max sheet storage	15 m	15 m
Output capacity	300-480 Kg/h	550-800 Kg/h
Max sheet width	920 mm	1.100 mm
Sheet thickness	0,35-1,5 mm	0,35-1,5 mm



# SOFTWARE

Designed for performance.  
Built for people.

## KEY HIGHLIGHTS:

- **Redesigned HMI** New interface for an intuitive, operator-friendly experience
- **Fast onboarding** Easy to learn for new operators
- **Recipe-safe updates** Secure software updates without losing data
- **Integrated diagnostics** Access to diagrams and troubleshooting directly from the screen
- **Improved autosetting** Faster machine setup and changeovers
- **Smart maintenance** Scheduled intervals displayed automatically
- **Industry 5.0-ready** OPC UA protocol for seamless data exchange

# WM EMPOWER

Turn data into actionable decisions.

WM EMPOWER is an integrated ecosystem of smart solutions where AI and connectivity merge together taking machine performance to the next level.



## FlowView

New HMI interface: intuitive, powerful, and designed to simplify every operation.



## WMind

A cloud-based suite for machine data collection, allowing real-time monitoring and smart analytics from any place at any time. It also includes advanced tools for predictive maintenance and configurable software agents for specific and complex analysis.



## Form.AI

An intelligent virtual assistant available 24/7, providing fast, multilingual support to the operator.



## WM Vision

- 100% product inspection to guarantee:
- Highest product quality
  - Reliable data collection
  - Fully automated process
  - Less labor cost.



# CUSTOMER SERVICE

More than assistance, a real competitive advantage.



## Global, fast and reliable support

A highly skilled technical team is always ready to respond remotely or on-site anywhere in the world. With fast diagnostics and targeted interventions, we help minimize downtime and keep your production running.



## Tailored maintenance packages

From standard maintenance to advanced, data-driven services, we offer preventive and predictive maintenance plans designed to optimize long-term performance and reliability.



## Digitalized processes and full traceability

All service operations are managed through advanced digital tools that monitor machine activities, performance, and parts wearing with total control.



## Training that builds autonomy

We support your team's growth with structured training programs both in-person and online to strengthen operator skills and reduce dependence on external service.



## Spare parts, always within reach

With globally distributed stock points and a Business Intelligence-driven logistics system, we ensure fast and global spare parts availability.





**WM THERMOFORMING MACHINES SA**  
Via Dei Pioppi 3 | CH 6855 Stabio | Switzerland  
Tel (+41) 91 6407050

[sales@wm-thermoforming.com](mailto:sales@wm-thermoforming.com)  
[www.wm-thermoforming.com](http://www.wm-thermoforming.com)