THERMOFORMING MACHINES

MODELS

• TM-050 • TM-150 • TM-250

TM-050 BASIC FEATURES

- Welded, stainless steel frame
- Stainless steel loading area
- 5/8" conveyor chain
- Schneider PLC control unit
- Touch control panel, with user-friendly interface
- Schneider servo motor drive for accurate speed control
- Electric cabinet (IP65)
- Pneumatic component cabinet
- Protection guard with electronic interlock system
- 2 independent tool lifting stations
- Trim re-winder
- Water cooled tooling
- 3 operation modes
- Automatic chain lubrication
- Cross cut guillotine (1)
- Easy changeover of sealing plates
- 100m³ / 5.0 Hp Busch pump
- Exit chute
- Rotating knives (1 set)
- Active film unwinding system with dancer roll
- User manual and set of spare parts
- Stainless steel adjustable legs
- CSA Certification

TM-050 OPTIONAL FEATURES

- Unloading conveyor system
- Printing system
- Photo cell for pre-printed film
- Quick compressed air forming capacity
- Remote diagnostic available
- Dedicated top and bottom vacuum valves
- Gas injection system (MAP)
- Multiple supply voltage
- Vacuum pump sizes
- Oxygen vacuum pumps for MAP with added 21% of oxygen mixture
- Booster pump

All features are subject to change without notice.

MODEL TM-050

OUTPUT	7 – 10 cycles / minutes	
POWER SUPPLY	208 V – 3 pH – 60 Hz	
	400 V – 3 pH – 50 Hz	
COMPRESSED AIR SUPPLY	23 scfm @ 80 psi	39m³/h @ 5.5 bar
COOLING WATER SUPPLY	Max 30 gph @ 14 psi	Max 113 liter/h @ 1 bar
PACKAGING SHAPE	Rectangular	
FORMING FILM TYPE	Flexible	Rigid up to 0.4 mm
FORMING FILM WIDTH	320 mm and 420 mm (12.6" and 16.5")	
FORMING DEPTH	16 mm to 80 mm (5/8" to 3-1/8")	
CUT OFF LENGTH	200 mm, 250 mm and 300 mm (7-7/8", 9-27/32" and 11-13/16")	
DIE CHANGING METHOD	Manual	
FORMING SYSTEM	Vacuum	
LOADING AREA	2x cut off (1 full and 2 halves)	

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THERMOFORMING MACHINES

PACKAGE SIZES

WEB	CUT OFF	LENGTH*	WIDTH*
320 mm	200 mm	200 mm	290 mm
320 mm	250 mm	250 mm	290 mm
320 mm	300 mm	300 mm	290 mm
420 mm	200 mm	200 mm	390 mm
420 mm	250 mm	250 mm	390 mm
420 mm	300 mm	300 mm	390 mm

**Based on a 1 track, 1 row configuration*

POCKET FORMING SIZES

WEB	CUT OFF	LENGTH*	WIDTH*
320 mm	200 mm	185 mm	275 mm
320 mm	250 mm	235 mm	275 mm
320 mm	300 mm	285 mm	275 mm
420 mm	200 mm	185 mm	375 mm
420 mm	250 mm	235 mm	375 mm
420 mm	300 mm	285 mm	375 mm

**Based on a 1 track, 1 row configuration*

THERE ARE 48 STANDARD TOOLING CONFIGURATIONS AVAILABLE. POCKET FORMING SIZE AND SHAPE CAN BE CUSTOMIZED AS PER CUSTOMER NEEDS. CALL US FOR MORE DETAILS.

TM-150 AND TM-250 BASIC FEATURES

- Welded, stainless steel frame
- Stainless steel loading area
- 5/8" conveyor chain
- Schneider PLC control unit
- Touch control panel, with user-friendly interface
- Schneider servo motor drive for accurate speed control
- Electric cabinet (IP65)
- Pneumatic component cabinet
- Protection guard with electronic interlock system
- 2 independent tool lifting stations
- Trim re-winder
- Water cooled tooling
- Quick compressed air forming capacity
- Remote diagnostic
- Easy changeover of sealing plate
- Dedicated top and bottom vacuum valves
- Rotating knives (1 set)
- Active film unwinding system with dancer rool
- User manual and set of spare parts
- Stainless steel adjustable legs
- CSA Certification

TM-150 AND TM-250 OPTIONAL FEATURES

- Unloading conveyor system
- Coding system
- Printing system
- Thermal transfer coder
- Photo cell for pre-printed film
- Waste collector
- Automatic chain lubrication
- Choices of tooling head tracks or forming tooling drawer
- Labeling system
- Gas injection system (MAP)
- Multiple supply voltage available
- Vacuum pump sizes
- Oxygen vacuum pumps for MAP with 21% of more oxygen mixed
- Booster pump

All features are subject to change without notice.

MODELS TM-150 AND TM-250

	TM-150	TM-250
WIDTH OF FILM	320 mm / 420 mm	420 mm / 520 mm
FILM ADVANCE	340 mm	500 mm
DEPTH OF FORMING	120 mm (std.) 150 mm (opt.)	120 mm (std.) 150 mm (opt.)
POWER SUPPLY	208-220 V / 3 pH / 60 Hz	208-220 V / 3 pH / 60 Hz
PUMP CAPACITY (STD)	100 m^3 5.0 HP	255 m^3 10.0 HP
ROLL OUTSIDE DIAMETER	14" (350 mm)	14" (350 mm)
MAX. ROLL INSIDE DIAMETER	3" (76 mm)	3" (76 mm)
PRODUCTION CAPACITY	8 to 14 cycles per min. (Max)	14 cycles per min. (Max)
MICROPROCESSOR	Remote mechanical commands with 6" touchscreen	Remote mechanical commands with 10" touchscreen

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