

# MPE

Heat Seal Machinery & Tooling 



## I-3

**ALL ELECTRIC Advanced Automatic Inline Tray Sealer**

**UK/Europe Specification Sheet**

MPE UK Ltd

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## Standard Features Include:

- **E-RAM** Sealing Technology, designed specifically to give maximum seal force with minimum maintenance and superior reliability / life-span
- **Environmentally Friendly ALL ELECTRIC** machine designed to reduce energy consumption
- **MAX-PACK** system that preempts tray anomalies prior to transfer
- Remote viewing and technical support via wireless modem link
- **FREE** direct software upgrades upon release
- User customizable RFID security access
- Recipe driven automatic machine set up
- Process control monitoring
- Category 3 Safety System
- Up to 18 Cycles per minute with seal only applications
- Gas Flushing ready (cycles depending on product)
- 1-7 Impression Tooling with optional colour coding
- Simplistic manual tool change
- Self Centering tray guides and exterior transition plates
- Tray size check to stop machine for incorrect tray orientation
- Film snap detection system
- Active film torque system
- Intuitive and customizable HMI design
- Swing Arm Control allows operation from both sides
- Tray crush avoidance system with advanced design specifications
- Quick release, modular conveyor system for cleaning and maintenance
- Ancillary Equipment Integration (Coders, Printers, Depositors, Vision Systems etc.)
- Phase monitoring protection to prevent surge damage to electrical components

## Optional Features Includes

- Registered film Arrangement
- High Oxygen (High O<sub>2</sub>) gas flush for applications such as red meat
- Inboard trim and Close cut film tooling options
- Modular tooling option
- Extended infeed and outfeed conveyors
- Integration to existing production monitoring software
- Pass through conveyor solution
- Adjustable multi-height transfer arms
- Lift or slide transfer arms to allow running multi height trays of the same format
- Simultaneously

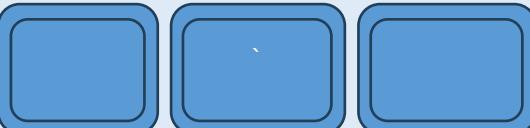
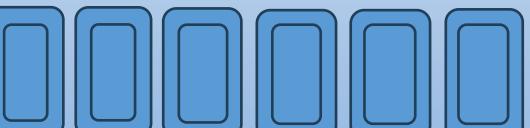
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# Sealing Capacities & Throughput Calculator

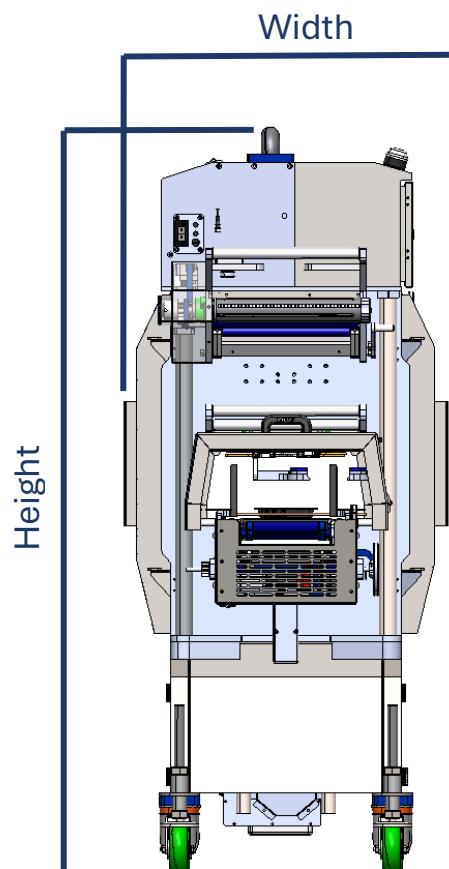
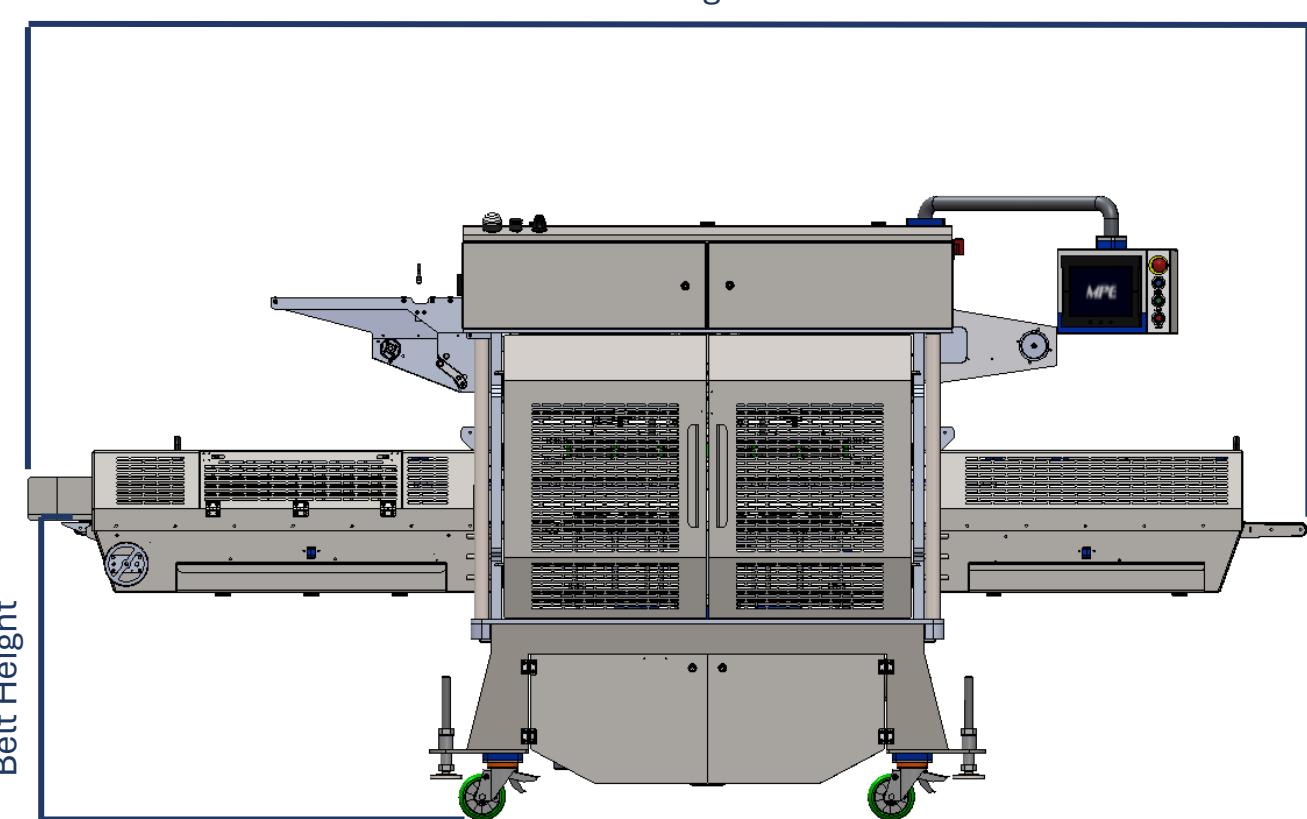
Achievable number of  
Packs Per Minute PPM  
by application type

# of Trays or Impressions per Cycle	Maximum tray dimension per impression number Maximum tray height is 105mm across all formats	Seal ONLY 18 CPM	Gas Flush 12 CPM
1	 270mm (W) x 963mm (L)  270mm (Ø)	18	12
2	 270mm (W) x 481mm (L)  270mm (Ø)	36	24
3	 270mm (W) x 312mm (L)  270mm (Ø)	54	36
4	 270mm (W) x 228mm (L)  228mm (Ø)	72	48
5	 270mm (W) x 177mm (L)  177mm (Ø)	90	60
6	 270mm (W) x 143mm (L)  143mm (Ø)	108	72
7	 270mm (W) x 119mm (L)  119mm (Ø)	126	84

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SPECIFICATIONS			
DIMENSIONS	MM	INCHES	FEET & INCHES
Length	4100	161.41	13.45
Width	850	33.46	2.78
Height	2080	81.88	6.82
Belt Height	868	34.17	2.84
POWER	416VAC 3P+N 32AMP		
REMOTE CONNECTION	WIFI or CAT 6		

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