



PROCESSING INDUSTRY

CAPTURE QUALITY





VISIT OUR WEBSITE:



WE CAPTURE QUALITY IN OVER 70 COUNTRIES WORLDWIDE...

TURBOVAC: CAPTURING QUALITY THAT LASTS!

COMPLETE PRODUCT LINE

TURBOVAC OFFERS A COMPLETE PRODUCT LINE THAT FULFILS THE VACUUM PACKING NEEDS FOR SMALL TO MEDIUM SIZE FOOD PROCESSING IN MANY INDUSTRIES.

LEADING BRAND

TURBOVAC EQUIPMENT IS DISTRIBUTED IN MORE THAN 70 COUNTRIES AND IS ONE OF THE LEADING BRANDS OF VACUUM PACKAGING MACHINES WORLDWIDE. LOCAL PRESENCE BY NETWORK OF TURBOVAC DEALERS GUARANTEES FAST SERVICE, SPARE PARTS AVAILABILITY AND TAILOR-MADE ADVICE.

VALUE FOR MONEY

TURBOVAC STRIVES TO DELIVER BEST- IN- CLASS MACHINES AT A VERY ATTRACTIVE PRICE. WE ONLY USE QUALITY MATERIALS TO BUILD DURABLE, RELIABLE AND LONG LASTING EQUIPMENT. THIS IS THE RESULT OF A DEDICATED TEAM OF PEOPLE ENSURING A WELL-BALANCED MIX OF QUALITY AND DELIVERING VALUE FOR MONEY FOR OUR CUSTOMERS

PROUD OF OUR PRODUCT RANGE



| TABLE TOPS Plug & play | page | 6 - 7 |
|---|------|---------|
| MOBILES Versatile | page | 8 - 11 |
| DOUBLE CHAMBER Flexible & easy to use | page | 12 - 13 |
| TURBOVAC AUTOMATIC PACKAGING LINE For continuous operation | page | 14 - 15 |
| TRAY SEALERS Low investments, easy programming and very flexible | page | 16 - 19 |
| TURBOVAC THERMOFORMERS Available for Flexible and Rigid film widths | page | 20 - 21 |
| IMMERSION TANKS For shrink packages | page | 22 |
| CONVERSION TABLE Old & New | page | 23 |







VACUUM PACKAGING, EXTENDING SHELF LIFE, HYGIENE, PROTECTION

VACUUM PACKAGING IS A VERY COST EFFECTIVE PROCEDURE FOR PRESERVING PERISHABLE FOOD PRODUCTS. IT EXTENDS SHELF LIFE AND FITS PERFECTLY IN THE HACCP HYGIENE PROCEDURES. LOW PACKAGING MATERIAL COSTS AND SHORT PROCESS TIME MAKES VACUUM PACKAGING BY FAR THE MOST ECONOMICAL AND MOST EFFICIENT WAY OF PACKAGING PERISHABLE FOOD PRODUCTS. VACUUM PACKAGING IS ALSO AN IDEAL SOLUTION FOR OTHER APPLICATIONS, SUCH AS PROTECTING DELICATE PRODUCTS LIKE ELECTRONICS, STERILIZED PRODUCTS OR MONEY AND CAN BE USED FOR SPACE SAVING SOLUTIONS.

SPECIALIST IN VACUUM PACKAGING, 60 YEARS EXPERIENCE

TURBOVAC, BASED IN HOLLAND, IS ONE OF THE FOUNDERS OF THE VACUUM PACKAGING MACHINE. TURBOVAC COMBINES MORE THAN 60 YEARS OF EXPERIENCE WITH CRAFTSMANSHIP, STATE OF THE ART DESIGN AND MANUFACTURING TECHNOLOGY.

RELIABILITY, DURABILITY AND INNOVATION

THROUGH CONTINUOUS DEVELOPMENT OF ITS PRODUCTS, ADVANCED ENGINEERING AND MODERN PRODUCTION FACILITIES, TURBOVAC HAS A PROVEN TRACK RECORD AS ONE OF THE LEADERS IN THE FIELD OF VACUUM PACKAGING MACHINES, RENOWN FOR ITS QUALITY BUILD, RELIABILITY AND DURABILITY.

SOME OF OUR LATEST INNOVATIONS

- > EASILY UNDERSTANDABLE, TRANSPARENT PRODUCT RANGE FOR MAKING THE RIGHT CHOICE
- > EASY AND FAST SEAL-WIRE REPLACEMENT
- > EASILY REMOVABLE SILICON BARS FOR CLEANING BEHIND THE BAR
- > HYGIENIC DESIGN FOR EASY CLEANING
- > INTUITIVE DIGITAL CONTROL UNIT, EASY TO SET AND EASY TO READ

"TOGETHER WITH YOU, WE WILL FIND A SOLUTION FOR ALL YOUR PACKAGING NEEDS"

DIGITAL CONTROL UNIT WITH LCD DISPLAY

THE CONTROL UNIT IS COMPLETELY REDESIGNED FOR OUR NEW LINE OF MACHINES. SIMPLICITY AND USER-FRIENDLINESS WAS THE STARTING POINT. OUR SMALLER MACHINES HAVE A CONTROL UNIT WITH THE BASIC SETTINGS: VACUUM AND TIME. THE PLUG- AND-PLAY DESIGN OF THE MACHINES MAKES INSTALLATION EASY AND DOES NOT REQUIRE ANY ADJUST-MENTS IN 90% OF THE SITUATIONS.



THE PROFESSIONAL MACHINES ARE STANDARD EQUIPPED WITH A CONTROL UNIT WITH 10 PROGRAMS WHICH ALLOWS FLEXIBILITY FOR ANY SETTING AND STORING PROGRAMS. THE MORE ADVANCED MACHINES CAN BE EQUIPPED WITH A 10 PROGRAM SENSOR CONTROL SYSTEM. THE SENSOR GUARANTEES THE SHORTEST CYCLE TIME AND AN OPTIMUM VACUUM PACKAGING RESULT BECAUSE IT ACCURATELY MEASURES THE VACUUM LEVELS.

- > THE TIME CONTROLLED 10 PROGRAM MACHINES CAN EASILY BE CONVERTED INTO SENSOR CONTROLLED MACHINES LATER ON.
- > THE SPECIAL H20 PROGRAM ALLOWS PACKAGING LIQUIDS AND MOIST PRODUCTS WITHOUT SPILLAGE.
- > A COOL DOWN FEATURE EXTENDS THE PERIODS BETWEEN OIL CHANGE AND THE LIFE TIME OF THE PUMP.
- > INDICATION OF SERVICE INTERVENTION ON NUMBER OF CYCLES OR RUNNING TIME.

TURBOVAC TABLE TOPS:

BEST CHOICE FOR RESTAURANTS, HOSPITALITY INDUSTRY, FOOD VENDORS AND CATERERS.

Our 4 table top machines have all the quality engineering and build of our industrial vacuum machines.





Liquid insert plate



CABINET FOR S20, S30 & S40

SPECIFICATIONS TABLE TOPS

Transparant cover & stainless steel chamber

| | SEAL LENGTH | MAX. PRODUCT HEIGHT | USEFUL CHAMBER SIZE (wxdxh) | OUTSIDE DIMENSION (wxdxh) | STANDARD VOLTAGE* | POWER CONSUMPTION | WEIGHT |
|----------------------|---------------|---------------------|-----------------------------|---------------------------|-------------------|-------------------|--------|
| TABLE TOP S2 | .0 270 | 100 | 270 x 310 x 100/140** | 365 x 500 x 300/340** | 230-1-50 Hz | 0,4/0,5 kW | 25 kg |
| TABLE TOP S 3 | 0 320 | 160 | 320 x 330 x 160 | 430 x 550 x 410 | 230-1-50 Hz | 0,5/0,7 kW | 50 kg |
| TABLE TOP S4 | .0 420 | 180 | max. 420 x 370 x 180 | 530 x 590 x 460 | 230-1-50 Hz | 0,7/1,3 kW | 60 kg |
| TABLE TOP S 5 | 0 320 | 95 | 800 x 320 x 95 | 985 x 515 x 430 | 230-1-50 Hz | 1,3 kW | 115 kg |

Dimensions in mm *Machines can be supplied with all world wide voltages applicable

OPTIONS TABLE TOPS

| | DIGITAL TIME CONTROL | SENSOR CONTROL | SEAL | SEAL CONFIGURATION | GAS | PUMP CAPACITY M ³ | CYCLE TIME |
|------------------------|----------------------|----------------|--------------|--------------------|-----|------------------------------|------------|
| TABLE TOP S20 * | * 1 program | х | Single | L | Х | 4 or 8 m³ | 20-40 sec |
| TABLE TOP \$30 | 1 or 10 programs | sensor/H20 | Double/CC*** | L | gas | 8 or 16 m ³ | 20-30 sec |
| TABLE TOP \$40 | 1 or 10 programs | sensor/H20 | Double/CC*** | L L&L | gas | 16 or 21 m ³ | 20-30 sec |
| TABLE TOP \$50 | 1 or 10 programs | sensor/H20 | Double/CC*** | S&S | gas | 21 m³ | 20-30 sec |

^{**}Model S20 standard coverheight 100 mm, optional cover 140 mm height

SPECIFICATIONS CABINET

| CABINET | DIMENSIONS (wxdxh) | FOR TABLE TOP | |
|---------|--------------------|---------------|--|
| PLUS-1 | 450 x 550 x 620 | S20 & S30 | |
| PLUS-2 | 540 x 590 x 580 | S40 | |

SEAL CONFIGURATIONS TABLE TOPS



^{***}CC = Clean Cut, (Clean Cut)

TURBOVAC MOBILES:

BEST CHOICE FOR BUTCHER SHOPS, RESTAURANTS,
HOTEL KITCHENS, HOSPITALS, CATERERS AND THE FOOD
PROCESSING INDUSTRY.

3 Product ranges:

- 1. Transparent cover, visual control, for example packaging moist and liquid products.
- 2. All stainless steel heavy duty industrial range, easy to clean flat working surface.
- 3. Aluminium range, an excellent price/quality value.



SPECIFICATIONS M10, M20 & M30

Transparant cover & stainless steel chamber

| | SEAL LENGTH | MAX. PRODUCT HEIGHT | USEFUL CHAMBER SIZE (wxdxh) | OUTSIDE DIMENSION (wxdxh) | STANDARD VOLTAGE* | POWER CONSUMPTION | WEIGHT |
|------------|-------------|---------------------|-----------------------------|---------------------------|------------------------|-------------------|--------|
| MOBILE M10 | 2 x 420 | 220 | 440 x 420 x 220 | 665 x 640 x 1020 | 230-1-50hz/400-3-50 Hz | z 1,3-3,3 kW | 120 kg |
| MOBILE M20 | 2 x 520 | 220 | 500 x 520 x 220 | 735 x 815 x 1020 | 400-3-50 Hz | 3,3 kW | 180 kg |
| MOBILE M30 | 320 | 95 | 800 x 320 x 95 | 990 x 560 x 950 | 230-1-50 Hz/400-3-50 H | z 1,3-3,3 kW | 140 kg |
| | | | | | | | |

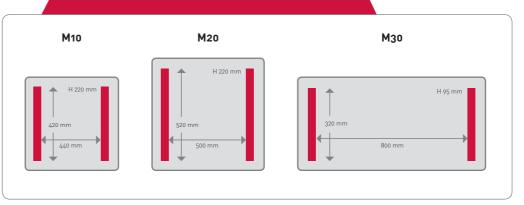
Dimensions in mm *Machines can be supplied with all world wide voltages applicable

OPTIONS M10, M20 & M30

| | DIGITAL TIME CONTROL | SENSOR CONTROL | SEAL | SEAL CONFIGURATION | GAS | PUMP CAPACITY M ³ | CYCLE TIME |
|-------------------|----------------------|-------------------------|-----------------|--------------------|-----|------------------------------|------------|
| MOBILE M10 | 10 programs | sensor/H ₂ O | Double/CC/CCC** | S&S | gas | 21 or 40 m ³ | 20-40 sec |
| MOBILE M20 | 10 programs | sensor/H ₂ O | Double/CC/CCC | S&S | gas | 40 or 63 m³ | 25-35 sec |
| MOBILE M30 | 10 programs | sensor/H ₂ O | Double/CC/CCC | S&S | gas | 21, 40 or 63 m³ | 20-25 sec |
| | | | | | | | |

** CC = Clean Cut, CCC = Clean Cut Controlled

SEAL CONFIGURATIONS M10, M20 & M30



MORE MOBILES >



STAINLESS STEEL COVER & FLAT WORKING SURFACE SEAL LENGTH MAX. PRODUCT HEIGHT USEFUL CHAMBER SIZE (wxdxh) OUTSIDE DIMENSION (wxdxh) STANDARD VOLTAGE* POWER CONSUMPTION WEIGHT L S&S L&S M40 max. 620 x 505 x 200 (L) 735 x 900 x 1130 (1470**) 400-3-50 Hz 620 2 x 520 3,3 kW 180 kg **M50** 2 x 820 2 x 620 780 x 520 210 max. 805 x 605 x 200 (LS) 935 x 1000 x 1140 (1540**) 400-3-50 Hz 3,5 kW 240 kg **M60** 2 x 1020 2 x 620 980 x 520 max. 1005 x 605 x 200 (LS) 1135 x 1000 x 1140 (1540**) 400-3-50 Hz 3,5 kW 280 kg

Dimensions in mm *Machines can be supplied with all world wide voltages applicable **Open cover requires more space

OPTIONS M40, M50 & M60

| | DIGITAL TIME CONTROL | SENSOR CONTROL | SEAL | SEAL CONFIGURATION | GAS | PUMP CAPACITY M ³ | CYCLE TIME |
|-------------------|----------------------|-------------------------|---------------------|--------------------|-----|------------------------------|------------|
| MOBILE M40 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S*** | LS&S | gas | 40 or 63 m³ | 20-40 sec |
| MOBILE M50 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S | L&L S&S L&S | gas | 63 or 100 m ³ | 25-35 sec |
| MOBILE M60 | ** 10 programs | sensor/H ₂ O | Double/CC/CCC/2S | L&L S&S L&S | gas | 100 m ³ | 25-35 sec |
| | | | | | | | |

Model M60 standard coverheight 210 mm, optional cover 260 mm height *CC = Clean Cut, CCC = Clean Cut Controlled, 2S = Two Sides



| ALUMINUM COVER & C | HAMBER | | | | | | |
|--------------------------|---------------|---------------------|-----------------------------|---------------------------|-------------------|-------------------|--------|
| | SEAL LENGTH | MAX. PRODUCT HEIGHT | USEFUL CHAMBER SIZE (wxdxh) | OUTSIDE DIMENSION (wxdxh) | STANDARD VOLTAGE* | POWER CONSUMPTION | WEIGHT |
| MOBILE M70 | 500 | 175 | 500 x 500 x 175 | 695 x 680 x 1035 | 400-3-50 Hz | 3,3 kW | 150 kg |
| MOBILE M80 2 x 80 | 0 2 x 550 800 | x 500 215 | max 800 x 500 x 215 | 905 x 755 x 1060 | 400-3-50 Hz | 3,5 kW | 200 kg |
| | | | | | | | |

Dimensions in mm *Machines can be supplied with all world wide voltages applicable

OPTIONS M70 & M80

| | DIGITAL TIME CONTROL | SENSOR CONTROL | SEAL | SEAL CONFIGURATION | GAS | PUMP CAPACITY M ³ | CYCLE TIME |
|-----------|----------------------|-------------------------|--------------------|--------------------|-----|------------------------------|------------|
| MOBILE M7 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S** | S&S | gas | 40 or 63 m³ | 25-35 sec |
| MOBILE M8 | 1 0 programs | sensor/H ₂ O | Double/CC/CCC/2S | L&L S&S L&S | gas | 63 or 100 m ³ | 20-40 sec |
| | | | | | | | |
| | | | | | | | |

**CC = Clean Cut, CCC = Clean Cut Controlled, 2S = Two Sides

10

TURBOVAC DOUBLE CHAMBERS:

EFFICIENT, HIGH CAPACITY AND BUILD TO LAST.

Our new range of double chambers are reliable, durable and offer flexibility in volume production. Our machines can be equipped with semi-automatic or automatic cover movement for an even more efficient production. The double chambers can also be equipped with an external pump.

"HEAVY DUTY, INDUSTRIAL PERFORMANCE, INDUSTRIAL QUALITY"



DOUBLE CHAMBER L10, L30, L40

DOUBLE CHAMBER L60

SPECIFICATIONS L10, L30, L40, L60

| STAINLESS ST | EEL COVER & FLAT WO | RKING SURFA | Œ | | | | | | | | |
|--------------------------|---------------------|-----------------|-----------------------------|-----------------------------|-------------------|-------------------|--------|--|--|--|--|
| | SEAL LENGTH MAX | K. PRODUCT HEIG | HTUSEFUL CHAMBER SIZE (wxdx | h)OUTSIDE DIMENSION (wxdxh) | STANDARD VOLTAGE* | POWER CONSUMPTION | WEIGHT | | | | |
| L10 | 4 x 620 | 230 | 620 x 520 x 230 | 1440 x 920 x 1205 | 400-3-50 Hz | 4,4 kW | 350 kg | | | | |
| L30 | 4 x 820 | 250 | 820 x 700 x 250 | 1865 x 1100 x 1230 | 400-3-50 Hz | 6,2-9,7 kW | 600 kg | | | | |
| L40 | 4 x 920 | 270 | 920 x 870 x 270 | 2050 x 1275 x 1245 | 400-3-50 Hz | 6,2-9,7 kW | 720 kg | | | | |
| ALUMINUM COVER & CHAMBER | | | | | | | | | | | |
| L60 | 4 x 600 | 180 | 610X510X180 | 1345 x 720 x 1040 | 400-3-50 Hz | 4,4 kW | 240 kg | | | | |

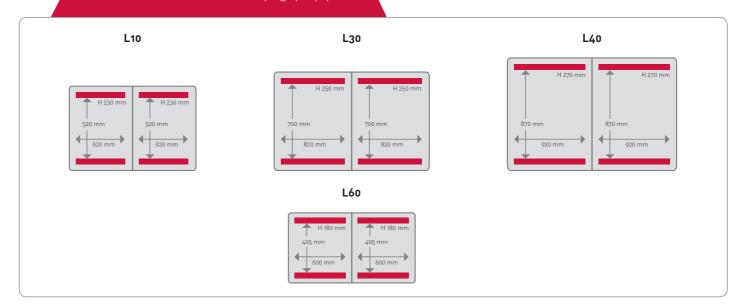
Dimensions in mm *Machines can be supplied with all world wide voltages applicable

OPTIONS L10, L30, L40, L60

| | DIGITAL TIME CONTROL | SENSOR CONTROL | SEAL | SEAL CONFIGURATION | GAS | PUMP CAPACITY M ³ | CYCLE TIME |
|-----|----------------------|-------------------------|--------------------|--------------------|-----|------------------------------|------------|
| L10 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S** | 2x L&L | gas | 63-100 m³ | 20-40 sec |
| L30 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S | 2x L&L | gas | 160-300 m³ | 20 -35 sec |
| L40 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S | 2x L&L | gas | 160-300 m ³ | 25-40 sec |
| L60 | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S | 2x L&L | gas | 40-63-100 m ³ | 20-40 sec |

^{**}CC = Clean Cut, CCC = Clean Cut Controlled, 2S = Two Sides

SEAL CONFIGURATIONS L10, L30, L40, L60

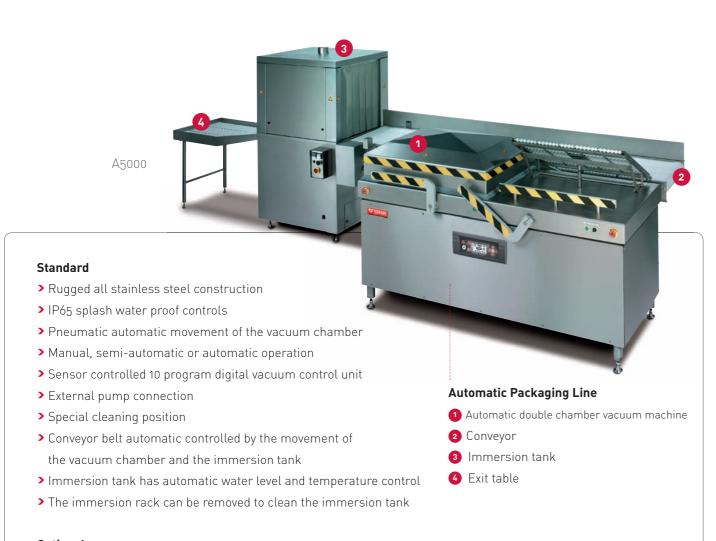


12

TURBOVAC AUTOMATIC PACKAGING LINE

FOR CONTINUOUS OPERATION

- > After the machine is manually loaded, the cover closes automatically and the vacuum cycle starts.
- After the vacuum cycle the cover automatically swings to the other working platform while the packaged products are automatically discharged on the conveyor belt and are transported into the immersion tank which automatically starts the short immersion cycle.
- > After the immersion the product is discharged on the exit table.
- > For regular vacuum bags the immersion tank is not necessary.



SPECIFICATIONS A5000

| AUTOMATIC DOUBLE CHAMBER VACUUM MACHINE | | | | | | | | | | | |
|---|-------------|----------------|---------------------|---------------------|---------------|---|------------|-------------|--------|--------------------|--|
| | SEAL LENGTH | WORK HEIGHT | USEFUL CHAMBER SIZE | (wxdxh)OUTSIDE DIME | NSION (wxdxh) |) WEIGHT STANDARD VOLTAGE* POWER CONSUMPTION AIR PRESSURE | | | | | |
| A5000 L | 2 x 810 | 910 | 810 x 680 x 200 | 2020 x 92 | 23 x 1230 | 525 kg | 400-3-50 l | Hz 5 | 5,5 kW | 6 bar-100 Ltr p/n | |
| A5000 LL | 4 x 810 | 910 | 810 x 680 x 200 | 2020 x 92 | 23 x 1230 | 525 kg | 400-3-50 H | Hz 5 | 5,5 kW | 6 bar-100 Ltr p/r | |
| CONVEYOR BELT | | | | | | | | | | | |
| | LENGTH | WIDTH | HEIGHT | DIMENSIOI | NS (lxwxh) | WEIGHT | STANDAF | RD VOLTAGE* | POWE | R CONSUMPTION | |
| CS-HV | 2900 | 630 | 910 | 2900 x 6 | 30 x 910 | 160 kg | 220- | 1-50 Hz | | 800 W | |
| IMMERSION T | ANK | | | | | | | | | | |
| | WATE | R CONTENT IM | MERSION PLATFORM | IMMERSION DEPTH | DIMENSIONS (| wxdxh) | WEIGHT | STANDARD VO | LTAGE* | POWER CONSUMPTIO | |
| ADT-HV 60 |)/80 1 | 75 Ltr | 800 x 560 | 250 | 954 x 920 x | 1698 | 255 kg | 400-3-50 | Hz | 18 Kw option 30 Kv | |
| EXIT TABLE | | | | | | | | | | | |
| | DIMENS | SIONS (lxwxh) | | | | | | | | | |
| EXIT TABL | E 1265 | x 630 x 850 | | | | | | | | | |

Dimensions in mm *Machines can be supplied with all worlwide voltages applicable

OPTIONS A5000

| | DIGITAL TIME CONTROL | SENSOR CONTROL | SEAL | SEAL CONFIGURATION | GAS | PUMP CAPACITY M ³ | CYCLE TIME |
|-----------------|----------------------|-------------------------|--------------------|--------------------|-----|------------------------------|------------|
| A5000 L | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S** | L&L | gas | 1 or 2 x 300 m ³ | 30 sec |
| A5000 LL | 10 programs | sensor/H ₂ O | Double/CC/CCC/2S | 2x L&L | gas | 1 or 2 x 300 m ³ | 30 sec |

15

SEAL CONFIGURATIONS A5000



Optional

- > CCC for shrink bags or 2S
- > Gas flush
- > Additional 300m³ external pump

^{**} CC = Clean Cut, CCC = Clean Cut Controlled, 2S = Two Sides

TURBOVAC TRAY SEALERS:

LOW INVESTMENT, EASY PROGRAMMING AND VERY FLEXIBLE...

Perfect for restaurants, hospitality branch, food stalls and caterers.

The Turbovac TPS tray sealing machines are designed for packing food products under MAP-conditions. Lowinvestment, easy programming and flexibility explain the popularity of these machines. The mould sets can be easily changed without the need of tools because of the unique "easy mould change system". The fully automatic sensor controls vacuum and gas injection to create the perfect atmosphere inside the package.

"FLEXIBLE & EASY TO USE"





TRAY SEALER TPS MINI



TRAY SEALER TPS TPS MICRO

SPECIFICATIONS TRAY SEALERS

| | MACHINE DIMENSION | WORK HEIGHT | PUMP | CYCLE TIME | VOLTAGE* | POWER CONSUMPTION | DN AIR PRESSURE REQUIRED | WEIGHT |
|-----------|--------------------|-----------------|-------------------|--------------|----------------|-------------------|--------------------------|--------|
| TPS XL | 580 x 730 x 1300 | 850 | 21 m ³ | 25-30 sec | 400V-3-50 Hz | 1,5 kW | 6bar -20 ltr p. min | 150 kg |
| TPS MINI | 380 x 640 x 670 | table top | 8 m³ | 25-30 sec | 400V-3-50 Hz | 0,45 kW | 6bar -20 ltr p. min | 50 kg |
| TPS MICRO | 500 x 580 x 660 | table top | х | 10 sec | 230V-1-50/60 H | z 0,3 kW | х | 30 kg |
| | MAX DIMENSION TRAY | MAX HEIGHT TRAY | MAX | (WIDTH FILM | MAX DIAMETER | R FILM ROLL C | ORE DIAMETER FILM ROLL | |
| TPS XL | 395 x 290 | 120 | | 400 | 250 | 0 | any dimension | |
| TPS MINI | 366 x 180 | 50 | | 265 | 250 | 0 | any dimension | |
| TPS MICRO | 340 x 270 | 100 | | 350 | 250 | 0 | any dimension | , |

Dimensions in mm *Machines can be supplied with all worlwide voltages applicable

MAXIMUM TRAY DIMENSIONS

| MOULD CONFIGURATION | TPS MICRO (LXDXH) | TPS MINI (LXDXH) | TPS XL (LXDXH) | |
|---------------------|-------------------|------------------|-----------------|--|
| 1:1 | 340 x 270 x 100 | 265 x 180 x 90 | 395 x 290 x 120 | |
| 1:2 | 170 x 270 x 100 | 180 x 120 x 90 | 195 x 290 x 120 | |
| 2:1 | х | 265 x 80 x 90 | 395 x 140 x 120 | |
| 2:2 | 170 x 135 x 100 | 135 x 95 x 90 | 195 x 140 x 120 | |
| 1 x round | х | Ø 165 x 90 | Ø 290 x 120 | |
| 2 x round | х | Ø 120 x 90 | Ø 195 x 120 | |

Dimensions in mm

OPTIONS TPS XL

- > 40 m³ Vacuum pump
- ➤ 21 m³ Oxygen protected vacuum pump
- **>** Compressor
- > Film rewinding system
- > Liquid filter
- > Side table set

 \sim 17

TURBOVAC TRAY SEALERS:

EASY AND QUICK MOULD CHANGE, EASY ACCESS, EASY TO CLEAN

"PACKAGING OF MEAT, VEGETABLES, FRUIT, READY MADE MEALS PORTIONED IN PRACTICAL TRAYS WITH A PROFESSIONAL PRESENTATION"

The TPS 1000 and TPS 2000 are especially designed for easy and fast mould changes which consists off relatively light components. The transparant cover allows quick and full access for the mould change, loading and guiding the film and thorough cleaning of the machine. The TPS 2000 has 2 moulds which doubles the production capacity compared to the TPS 1000 or adds flexibility with the installation of 2 different moulds. This only requires changing the settings at the control panel for switching to a different tray dimension. The TPS range can be equipped with a special oxygen Busch pump for gasflush > 21% and photocell for centering printed film. The loading area can be extended, the exit belt can be motorized and the control unit has connections for auxiliary equipment.



SPECIFICATIONS TRAY SEALERS

| | MACHINE DIMENSION | WORK HEIGHT | PUMP | CYCLE TIME | VOLTAGE* | POWER CONSUMPTION | AIR PRESSURE REQUIRED | WEIGHT |
|----------|---------------------|-----------------|--------------------|------------|------------------|-------------------|-----------------------|---------|
| TPS 1000 | 4350 x 1180 x 1550 | 850 | 100 m ³ | 10-15 sec | 400V-3-50Hz | 6 kW | 6 bar max 400 ltr/min | 950 kg |
| TPS 2000 | 4750 x 1180 x 1550 | 850 | 160 m³ | 10-15 sec | 400V-3-50 Hz | 10 kW | 6 bar max 400 ltr/min | 1100 kg |
| | MAX DIMENSION TRAY | MAX HEIGHT TRAY | MAX WID | TH FILM | MAX DIAMETER FIL | M ROLL CORE DIAM | ETER FILM ROLL | |
| TPS 1000 | 350 x 260 | 25 - 120 | 45 | 0 | 440 | | 76 | |
| TPS 2000 | 2 moulds: 350 x 260 | 25 - 120 | 45 | 0 | 440 | | 76 | |

Dimensions in mm *Machines can be supplied with all worlwide voltages applicable

MAXIMUM TRAY DIMENSIONS

| MOULD CONFIGURATION | MOULD CONFIGURATION TPS 1000 & TPS 2000 (LXDXH) | | | | | | |
|---------------------|---|--|--|--|--|--|--|
| 1:1 | 350 x 260 x 120 | | | | | | |
| 1:2 | 150 x 260 x 120 | | | | | | |
| 1:3 | 120 x 260 x 120 | | | | | | |
| 1:4 | 90 x 260 x 120 | | | | | | |
| 1 x rond | Ø 260 x 120 | | | | | | |
| 2 x round | Ø 150 x 120 | | | | | | |
| 3 x round | Ø 120 x 120 | | | | | | |
| 4 x round | Ø 90 x 120 | | | | | | |

OPTIONS TRAY SEALER

➤ 100 m³ Oxygen protected vacuum pump

19

- > Mororized exit belt
- > Additional loading area, per meter

Dimensions in mm

TURBOVAC THERMOFORMERS:

WORLDCLASS THERMOFORMER FOR FLEXIBLE AND RIGID FILM

> Film widths: 285 - 320 - 355 - 420 mm > Strokes: 240 - 270 - 300 mm

The range of thermoformers has been designed to satisfy the requirements of small to medium size processing operations that require the best value for their money in performance, hygiene, quality, reliability, serviceability and durability. The intuitive, user friendly control system makes programming easy, provides relevant management information and safeguards proper operation. All parts are very accessible for easy service and cleaning. The uncompromising choice of quality materials and design makes us proud to be able to offer this range of thermoformers.



Standard

- > Display prepared for remote connection and control through Ethernet; for example for software updates
- > Synchronisation for peripheral devices such as a labeler, printer, filler or loading robot
- > Control cabinet heating to prevent condensation on electrical circuits

| Optional | 1 | 2 | 3 |
|------------------|--------------|--------------------|--------|
| > Length | 3000 | | |
| > Pump | 63 m³ | 100 m ³ | 160 m³ |
| ➤ Gas | Inert | Oxygen | |
| > Exit Conveyor | Rollers | Powered chain belt | |
| > Film | Print sensor | Euro hole | |
| | | | |

SPECIFICATIONS THERMOFORMER

| | MACHINE LENGHT | MACHINE WIDTH | MACHINE HEIGHT | VOLTAGE* | POWER CONSUMPTION | N AIR | WATER |
|----------------|----------------|---------------|----------------|--------------|-------------------|-------------------|--------------------|
| TH 285/320/355 | 3500 | 727 | 1708 | 400V-3-50Hz | 7,5 kW | 6 bar 200 Ltr/min | 2,1Ltr/min 1,5 bar |
| TH 420 | 3500 | 792 | 1708 | 400V-3-50 Hz | 7,5 kW | 6 bar 200 Ltr/min | 2,1Ltr/min 1,5 bar |
| | FILM THICKNESS | MAX DEPTH | | | | | |
| FLEXIBLE FILM | < 300 µm | 95 | | | | | |
| RIGID FILM | Ca. 300-400 µm | 60 | | | | | |
| SKIN PACK | х | 20 | | | | | |
| | | | | | | | |

Dimensions in mm *Machines can be supplied with all worlwide voltages applicable

MODELS THERMOFORMERS

| MODEL | WIDTH | STROKE | LOADING AREA |
|------------|-------|--------|--------------|
| TH 285-240 | 285 | 240 | 1400 |
| TH 285-270 | 285 | 270 | 1300 |
| TH 285-300 | 285 | 300 | 1100 |
| TH 320-240 | 320 | 240 | 1400 |
| TH 320-270 | 320 | 270 | 1300 |
| TH 320-300 | 320 | 300 | 1100 |
| TH 355-240 | 355 | 240 | 1400 |
| TH 355-270 | 355 | 270 | 1300 |
| TH 355-300 | 355 | 300 | 1100 |
| TH 420-240 | 420 | 240 | 1400 |
| TH 420-270 | 420 | 270 | 1300 |
| TH 420-300 | 420 | 300 | 1100 |

Dimensions in mm

 \sim 21

IMMERSION TANKS

FOR SHRINK PACKAGES

- > Full stainless steel immersion tanks for shrink packages
- > Immersion platform with rollers for easily loading and unloading
- > Automatic water level and temperature control
- > Wheels for added flexibility



| | WATER CONTENT | IMMERSION PLATFORM | IMMERSION DEPTH | DIMENSIONS (wxdxh) | STANDARD VOLTAGE* | POWER CONSUMPTION | WEIGHT |
|----------|---------------|--------------------|-----------------|--------------------|-------------------|-------------------|--------|
| TV 40/60 | 70 Ltr | 570 x 400 | 250 | 700 x 620 x 1550 | 400-3-50 Hz | 9 kW | 105 kg |
| TV 55/75 | 140 Ltr | 730 x 535 | 250 | 1018 x 755 x 1550 | 400-3-50 Hz | 15 kW | 135 kg |

Dimensions in mm *Machines can be supplied with all worlwide voltages applicable

CONVERSION TABLE OLD & NEW

| | TURBOVAC NEV | V TURBOVAC OLD |
|--------------------|----------------|-------------------------------|
| TRANSPARANT COVE | R & STAINLESS | STEEL CHAMBER |
| TABLE TOP | S20 | 120STE ECO 140STE ECO |
| TABLE TOP | S30 | 160STE 320-ST |
| TABLE TOP | S40 | 180-ST (440ST) 420-ST 430-STE |
| TABLE TOP | S50 | 450-STE |
| TRANSPARANT COVE | R & STAINLESS | STEEL CHAMBER |
| MOBILE | M10 | 470-ST 530-STE |
| MOBILE | M20 | 520-ST 590-STE |
| MOBILE | M30 | 450-STE MOBILE VERSION |
| STAINLESS STEEL CO | OVER & FLAT WO | RKING SURFACE |
| MOBILE | M40 | 580-STE |
| MOBILE | M50 | 880-STE |
| MOBILE | M60 | 880-STE XL |
| ALUMINUM COVER 8 | CHAMBER | |
| MOBILE | M70 | SB-520 |
| MOBILE | M80 | SB-820 |
| DOUBLE CHAMBER | L10 | 700-STE XL |
| DOUBLE CHAMBER | L30 | 900-STE XL 950-STE XL |
| DOUBLE CHAMBER | L40 | 1000-STE XL |
| DOUBLE CHAMBER | L60 | SB-620 |
| AUTOMATIC LINE | No changes | A5000 |
| IMMERSION TANK | No changes | TV 50/75 |
| IMMERSION TANK | No changes | TV 40/60 |
| TRAY SEALER | No changes | TPS Mini |
| TRAY SEALER | No changes | TPS XL |
| TRAY SEALER | No changes | TPS 1000 |
| TRAY SEALER | No changes | TPS 2000 |
| THERMOFORMER | No changes | TH FLEX |
| THERMOFORMER | No changes | TH RIGID |

23

VISIT OUR WEBSITE:



Henkovac International

Het Sterrenbeeld 36 5215 ML 's-Hertogenbosch The Netherlands

Phone: +31 (0) 73 627 12 71

Fax: +31 (0) 73 623 28 28

Email: info@Turbovac.nl

Copyright Turbovac 2014

WWW.TURBOVAC.NL