

Machines

for large and small companies



The Promens Food Packaging System

The Promens Food Packaging System is a complete food packaging system consisting of rigid plastic trays, sealing films and heat sealing machines.

Within the system, all components - machines, trays and film - are fully compatible with each other. All trays are made of High Density Polyethylene (HD-PE), one of the environment friendly plastics used in food packaging. The combination of this material and our production process ensures an exceptionally robust and liquid-tight pack, whether it is subsequently sterilised, pasteurised, frozen down to $\pm 50^{\circ}\text{C}$ or reheated up to 121°C , for instance in a microwave oven. We have more than 120 different sizes and shapes to choose from in our program.

A broad range of sealing film is available.

We know how important it is in terms of efficiency that all parts fit perfectly together, and we have vast experience getting production lines to work smoothly. Our machines are easy to use and provide a strong seal for your package.

Our machine program which you now hold in your hands, range from small manual machines to fully automate high speed packaging lines, with vacuum and gas-flush options. In fact, there is a Promens System to suit every application. Please contact us for further information.

This is our philosophy. It is behind everything we make. All products that we make are part of a larger unit. The parts work easily together in all facets of production and make a positive contribution toward sales to the end user.

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The tables show the number of trays per cycles for the different groups of Promens trays, and minimum width of the top web (mm). The top web is conveyed in the direction indicated by the arrow. Specifications given can be changed without further notice.

PROMENS 572S / 573 S

572S/573S STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

The Promens 572S and 573S is low cost hand operated sealing machines approved for direct food contact. The Promens 572S and Promens 773S operates as semi-automatic machines. The trays are loaded into the tool, and when the drawer is closed it automatically seals the trays. The 572S machine can be used for all Promens trays up to size 280x180 mm (gr. 52).

The 572S machine can be used for all Promens trays up to size 320x245 mm (gr. 11). The tool change is easy and the machine is ideal for both product development and sealing of small batches of food. There is no profile cutting or cutting between trays on a multicavity tool on these machines. There is no need for compressed air on these machines.



TECHNICAL SPECIFICATIONS

	572S	573S
Max machine height	390 mm	410 mm
Machine width	315 mm	415 mm
Machine length in mm.	450 mm	470 mm
Machine weight	30 Kg.	40 Kg.
Max width of top web	230 mm.	330 mm.
Max diameter of film roll	300 mm.	300 mm.
Electrical supply (Standard)	1/PE AC 230V 50 HZ.	1/PE AC 230V 50 HZ.
Power consumption	0,80 Kw	0,80 Kw
Compressed air	0	0
Machine cycles	2-6 per minute*	2-6 per minute*
Max tray depth	100 mm	100 mm

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Film direction ↓										
Film width (MIN)	325	300	325	280	240	325	325	175	250	170
Group number	11	12	13	14	15	16	17	18	19	20
Trays/cycle 573	1	1	1	1	1	1	1	1	1	1
Trays/cycle 572	0	0	1	2	1	1	1	2	1	1
Film direction ↓										
Film width (MIN)	325	220	275	170	170	170	275	325	190	
Group number	21	22	23	24	25	26	27	28	29	30
Trays/cycle 573	1	2	2	2	2	2	6	1	3	1
Trays/cycle 572	0	1	0	0	2	2	4	0	3	1
Film direction ↓										
Film width (MIN)	250	250	325	34	35	260	325	325	250	190
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle 573	1	1	1	1	4	1	1	2	1	1
Trays/cycle 572	1	1	0	0	4	1	0	1	0	1
Film direction ↓										
Film width (MIN)	190	250	170	325	300	220	270	175	160	
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle 573	2	6	2	2	2	4	2	1	1	
Trays/cycle 572	1	4	1	1	2	2	2	1	6	6
Film direction ↓										
Film width (MIN)	300	250	170	325	300	220	270	175	160	
Group number	51	52	53	54	55	Max tray size	Max tray size	Max tray size	Max tray size	Max tray size
Trays/cycle 573	2	1	2	1	2	1	2	2	2	4
Trays/cycle 572	1	1	1	1	1	1	2	2	3	4
Film direction ↓										
Film width (MIN)	325	190	300	170	300					
573S					330 X 280 (Gr. 11)	330 X 135 (Gr. 23)	160 X 280 (Gr. 53)	105 X 280	160 X 135	
572S					280 X 230 (Gr. 52)	280 X 112	135 X 230 (Gr. 26)	85 X 230	135 X 112	

No profile cutting on these machines.

PROMENS 574S

574S STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

A small, low cost hand operated sealing machine approved for direct food contact. The Promens 574S operates as a semi-automatic machine and take bigger trays than 572S and 573S machines.

The trays are loaded into the tool, and when the drawer is closed it automatically seals the trays. The machine can be used for all Promens trays up to size 380x280 mm (gr. 34). The tool change is easy and the machine is ideal for both product development and sealing of small batches of food. There is no profile cutting or cutting between the trays on a multicavity tool on this machine. There is no need for compressed air on this machine.



TECHNICAL SPECIFICATIONS

574S

Max machine height	410 mm
Machine width	465 mm
Machine length in mm.	470 mm
Machine weight	40 Kg.
Max width of top web	380 mm.
Max diameter of film roll	300 mm.
Electrical supply (Standard)	1/PE AC 230V 50 HZ.
Power consumption	1,806 Kw
Compressed air	0
Machine cycles	2-6 per minute*
Max tray depth	100 mm

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Group number	1	2	3	4	5	6	7	8	9	10
Trays/cycle (MAX)	6	2	4	4	3	2	2	2	1	2
Film direction	↓									
Film width (MIN)	325	300	325	350	375	325	325	375	300	350
Group number	11	12	13	14	15	16	17	18	19	20
Trays/cycle (MAX)	1		1	4	2	2	2	4	1	1
Film direction	↓									
Film width (MIN)	325		220	275	350	350	375	350	325	190
Group number	21	22	23	24	25	26	27	28	29	30
Trays/cycle (MAX)	1	3	2	1	1	2	6	1	4	2
Film direction	↓									
Film width (MIN)	250	375	325	350	375	260	325	325	390	375
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle (MAX)	1	2		1	6	2	1	2	1	2
Film direction	↓									
Film width (MIN)	190	375		380	350	350	260	300	300	375
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle (MAX)	2	8	2	2	4	6	4	2	2	
Film direction	↓									
Film width (MIN)	300	350	350	325	375	350	350	375	350	
Group number	51	52	53	54	55	Max tray size				
Trays/cycle (MAX)	2	2	2	2	2	1	2	2	3	4
Film direction	↓									
Film width (MIN)	325	375	300	350	300					

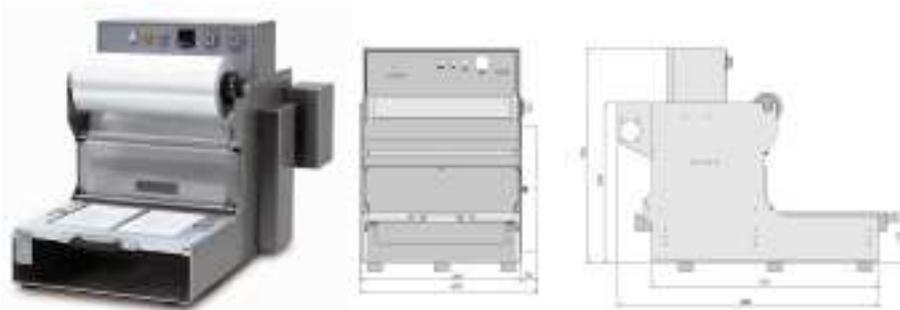
No profile cutting on any trays!

380 X 280 (Gr. 34) 380 X 135 (Gr. 32) 185 X 280 (Gr. 52) 115 X 280 (Gr. 22) 185 X 135 (Gr. 46)

PROMENS 511S

511S STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

The Promens 511S is a semi-automatic sealing machine. The machine has automatic film feed and profile cutting. It can be delivered with a mobile stand. The machine can be used for all Promens trays except our group 50. Operation is extremely simple: load the tray into the tooling, push drawer in. Cycle starts and when it is finished the drawer can be opened. The machine can be provided with a tray lifting device that elevates the trays when the drawer is opened.



TECHNICAL SPECIFICATIONS

511S

Max machine height	740 mm (tabletop)	1520 mm (2/table)
Machine width	620 mm	
Machine length in mm.	890 mm	
Machine weight	90 Kg.	120 Kg.
Max width of top web	470 mm.	
Max diameter of film roll	300 mm.	
Diameter of film reel core	70-76 mm	
Electrical supply (Standard)	1/PE AC 230V 50 HZ.	
Power consumption	2,8 Kw (max)	
Compressed air	6 Bar / 6 NI/min	
Machine cycles	4-6 per minute*	
Max tray depth	95 mm	150 mm (option)

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Group number	1	2	3	4	5	6	7	8	9	10
Film direction	↓									
Trays/cycle (MAX)	6*	2	4	4	3	2	2	1	1	2
Film width (MIN)	375	350	375	400	430	375	375	300	300	400
Group number	11	12	13	14	15	16	17	18	19	20
Film direction	↓									
Trays/cycle (MAX)	1	1	1	4	2	2	2	4	1	2
Film width (MIN)	375	470	275	325	400	430	430	400	375	245
Group number	21	22	23	24	25	26	27	28	29	30
Film direction	↓									
Trays/cycle (MAX)	1	3	3	1	1	3	6*	2	4	2
Film width (MIN)	300	430	470	400	430	470	375	375	400	430
Group number	31	32	33	34	35	36	37	38	39	40
Film direction	↓									
Trays/cycle (MAX)	2	2	2	1	6*	2	1	2	2	2
Film width (MIN)	470	420	470	430	400	400	325	350	450	430
Group number	41	42	43	44	45	46	47	48	49	50
Film direction	↓									
Trays/cycle (MAX)	2	6*	2	2	4	6*	4	2	2	
Film width (MIN)	350	300	400	375	430	400	400	430	400	
Group number	51	52	53	54	55	Max tray size				
Film direction	↓									
Trays/cycle (MAX)	2	2	2	2	2	1	2	3	4	6* special execution
Film width (MIN)	375	430	350	430	350					
Film direction	↓									
Film width (MIN)	375	430	350	430	350					

* Only square cutting with 6 tray

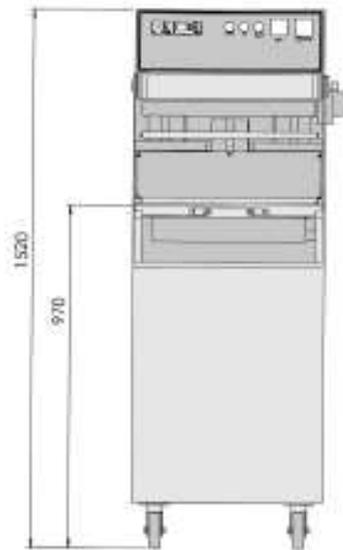
430 X 315 (Gr. 12) 430 X 150 (Gr. 33) 430 X 95 (Gr. 23) 210 X 154 (Gr. 45) 212 X 102 (Gr. 46)

PROMENS 511VG

511VG STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

The 511VG is a semi-automatic vacuum/gas/sealing machine. The machine has automatic film feed and profile cutting. It is equipped with a well-arranged control panel and is very simple to operate. It can be delivered with a mobile stand where the vacuum pump will fit. The machine can be used for all

Promens trays except our group 50. Operation is extremely simple: load the tray into the tooling, push drawer in. Cycle starts and when it is finished the drawer can be opened. The machine can be provided with a tray lifting device that elevates the trays when the drawer is opened.



TECHNICAL SPECIFICATIONS

511VG

Max machine height	1520 mm
Machine width	675 mm
Machine length in mm.	890 mm
Machine weight	190 Kg.
Max width of top web	470 mm.
Max diameter of film roll	300 mm.
Diameter of film reel core	70–76 mm
Electrical supply (Standard)	3/N/PE AC 400V 50 HZ.
Power consumption	MAX 8,8 Kw
Compressed air	6 Bar / 7 NI/min
Vacuumpump	40 m ³ /h 20 m ³ /h (option)
Machine cycles	2-6 per minute*
Max tray depth	95 mm 150 mm (option)

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Group number	1	2	3	4	5	6	7	8	9	10
Trays/cycle (MAX)	6 *	2	4	4	3	2	2	1	1	2
Film direction	↓									
Film width (MIN)	375	350	375	400	430	375	375	300	300	400
Group number	11	12	13	14	15	16	17	18	19	20
Trays/cycle (MAX)	1	1	1	4	2	2	2	4	1	2
Film direction	↓									
Film width (MIN)	375	470	275	325	400	430	430	400	375	245
Group number	21	22	23	24	25	26	27	28	29	30
Trays/cycle (MAX)	1	3	3	1	1	3	6 *	2	4	2
Film direction	↓									
Film width (MIN)	300	430	470	400	430	470	375	375	400	430
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle (MAX)	2	2	2	1	6 *	2	1	2	2	2
Film direction	↓									
Film width (MIN)	470	420	470	430	400	400	325	350	450	430
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle (MAX)	2	6 *	2	2	4	6 *	4	2	2	
Film direction	↓									
Film width (MIN)	350	300	400	375	430	400	400	430	400	
Group number	51	52	53	54	55	Max tray size				
Trays/cycle (MAX)	2	2	2	2	2	1	2	3	4	6* special execution
Film direction	↓									
Film width (MIN)	375	430	350	430	350					470

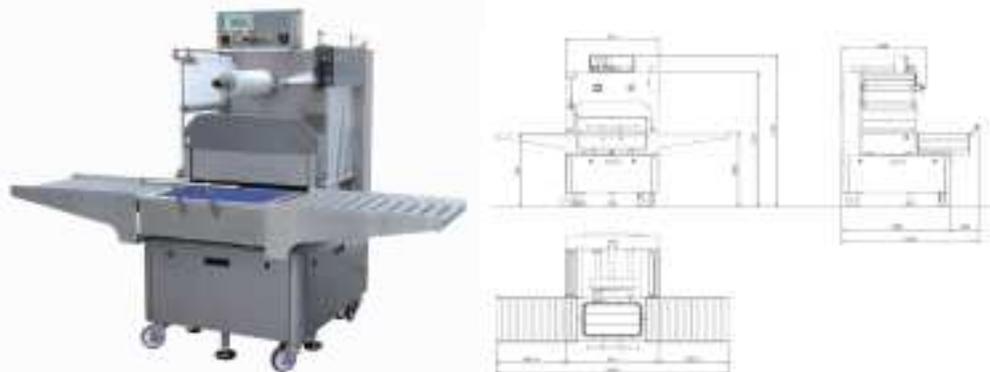
* Only square cutting with 6 trayst.

430 X 315 (Gr. 12) 430 X 150 (Gr. 33) 430 X 95 (Gr. 23) 210 X 154 (Gr. 45) 212 X 102 (Gr. 46)

PROMENS 911VG JUMBO

The 911VGJ is the biggest semi-automatic packaging machine for sealing trays equipped with vacuum and M.A.P system devices. The machine is designed for semi-industrial applications to pack products in rigid trays at low and medium production rates. The machine can be used for all the Promens trays in our tray program.

The Promens 911VGJ has an automated operating cycle to store in 9 different programs according to the customer's requirements. Just place the trays in the lower tooling and press the white button to lower the tray into the chamber. Push the chamber in and the cycle will start. The 911VGJ is also equipped with a tray-lifting device.



TECHNICAL SPECIFICATIONS

911VG JUMBO

Max machine height	1770 mm
Machine width	2290 mm
Machine length in mm.	1360 mm
Machine weight	500 Kg.
Max width of top web	460 mm.
Max diameter of film roll	300 mm.
Diameter of film reel core	70-76 mm
Electrical supply (Standard)	3/N/PE AC 400V 50 HZ.
Power consumption	4,0 – 9,5 Kw
Compressed air	6 Bar / 25 NI/min
Vacuumpump	100 m ³ /h
Machine cycles	2-6 per minute*
Max tray depth	160 mm

* Depend on products and process

All groups are available for various number of cavities - please ask for an offer.

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

911VG JUMBO STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

Group number	1	2	3	4	5	6	7	8	9	10
Trays/cycle (MAX)										
Film direction	↓									
Film width (MIN)										
Group number	11	12	13	14	15	16	17	18	19	20
Trays/cycle (MAX)	2									
Film direction	↓									
Film width (MIN)	375									
Group number	21	22	23	24	25	26	27	28	29	30
Trays/cycle (MAX)										
Film direction	↓									
Film width (MIN)										
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle (MAX)				2						
Film direction	↓									
Film width (MIN)				470						
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle (MAX)										1
Film direction	↓									
Film width (MIN)										470
Group number	51	52	53	54	55	Max tray size	Max tray size			
Trays/cycle (MAX)						1	2			
Film direction	↓									
Film width (MIN)										

Ask dealer for other groups.

590 X 390 (Gr. 50)
285 X 390 (Gr. 34)

PROMENS 1751

The Promens1751 VG is the smallest automatic machine in this Promens machine program. (We can deliver smaller automatic machines). All automatic machines in the Promens machine program can also be delivered as straight sealing machines as an option. (These machines come without vacuum and gas option.) This machine is designed for medium industrial purposes, packaging in line from 1 to

3 trays according tray dimensions. High performance and flexibility are due to the optional equipment available and due to the fast mould change. Stainless steel frame offering high protection against rust and optimum hygienic conditions. The machine is operating with programmable PLC with 15 different programs storage.



TECHNICAL SPECIFICATIONS

1751

Max machine height	1750 mm		
Machine width	1018 mm		
Machine length in mm.	3630 mm	4570 mm	5740 mm
Free loading area for tray	1 MT.	2 MT.	3 MT.
Nor. of free loading positions	2	4	6
Tray index	457 mm		
Height of loading conveyor	900–960 mm		
Tray out-feed with «intralox»	STANDARD		
Die set in single vacuum chamber	STANDARD		
Die set movement	Pneumatic		
Machine weight excluding vacuum pump	Approx. 1.000 Kg.		
Max width of top web	430 mm		
Max diameter of film roll	300 mm		
Diameter of film reel core	70–76 mm		
Vacuum pump available in machine frame	100 (160–300) m ³ /h		
Electrical supply (standard)	3/N/PE AC 400 V 50 Kw		
Power consumption	Min. 4 Kw - Max 8 Kw		
Compressed air	6 bar – 35 NI/c.		
Machine cycles	6–15 per minute*		

* Depend on products and process

1751 STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

Group number	1	2	3	4	5	6	7	8	9	10
Trays/cycle (MAX)	3	2	3	2	3	2	2	2	1	2
Film direction	↓									
Film width (MIN)	375	350	430	325	430	350	375	430	300	400
Group number	11	12	13	14	15	16	17	18	19	20
Trays/cycle (MAX)	1	1	1	2	2	2	2	3	1	1
Film direction	↓									
Film width (MIN)	300	265	325	400	400	400	325	300	245	
Group number	21	22	23	24	25	26	27	28	29	30
Trays/cycle (MAX)	1	3	3	1	1	2	3	2	4	2
Film direction	↓									
Film width (MIN)	300	430	470	400	430	325	400	350	300	300
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle (MAX)	2	1	1	1	3	2	1	2	1	2
Film direction	↓									
Film width (MIN)	430	430	430	375	400	300	350	275	430	
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle (MAX)	2	3	2	2	2	3	2	2	2	
Film direction	↓									
Film width (MIN)	350	300	400	350	350	375	325	430	400	
Group number	51	52	53	54	55	Max tray size	Max tray size	Max tray size		
Trays/cycle (MAX)	2	2	2	2	2	1	2	3		
Film direction	↓									
Film width (MIN)	375	430	350	430	350	430	430	430		

385 X 350 (Gr. 24) 183 X 350 (Gr. 31) 119 X 350 (Gr. 23)

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

The 1752 is an automatic tray sealing machine with optional equipment to give high performance and flexibility to the customer's requirements. The 1752VG has the twin chamber system for a high production out-put. The twin chambers can seal 2 to 6 trays in the die set. Specially designed for industrial purposes where speed and high flexibility (rapid mould change) is needed. The machine is

equipped with: stainless steel frame, control panel on arm, programmable PLC with 15 programs to record, provided with software programs available to connect different equipment and devices such as de-nester, dosing unit and special in-feed and out-feed conveyors. It is possible to extend the tray loading area according to customer requests.



TECHNICAL SPECIFICATIONS

1752

Max machine height	1750		
Machine width	1018		
Machine length in mm.	3816	4756	5926
Free loading area for tray	1 MT.	2 MT.	3 MT.
No. of free loading positions	3	6	9
Tray index	317 mm.		
Height of loading conveyor	900 - 960 mm.		
Tray out-feed with "intralox"	STANDARD		
Die set in a single vacuum chamber	STANDARD		
Die set movement	Mechanic		
Machine weight excluding vacuum pump	Approx. 1.200 Kg.		
Max width of top web	470 mm.		
Max diameter of film roll	300 mm.		
Diameter of film reel core	70 - 76 mm.		
Vacuum pump available in machine frame	100 (160 - 300) m ³ /h		
Electrical supply (standard)	3/N/PE AC 400 V 50 HZ.		
Power consumption	Min. 4 Kw - Max 8 Kw		
Compressed air	6 bar - 25 NI/c.		
Machine cycles	6 - 15 per minute*		

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Film direction ↓	1 3+3 Trays/cycle (MAX)	2 2+2 Trays/cycle (MAX)	3 3+3 Trays/cycle (MAX)	4 2+2 Trays/cycle (MAX)	5 3+3 Trays/cycle (MAX)	6 2+2 Trays/cycle (MAX)	7 2+2 Trays/cycle (MAX)	8 2+2 Trays/cycle (MAX)	9 1+1 Trays/cycle (MAX)	10 2+2 Trays/cycle (MAX)
Film width (MIN)	375	350	430	325	430	350	375	430	300	400
Group number	11	12	13	14	15	16	17	18	19	20
Film direction ↓	1+1 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)				
Film width (MIN)	300	325	265	325	400	400	400	325	300	245
Group number	21	22	23	24	25	26	27	28	29	30
Film direction ↓	1+1 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)
Film width (MIN)	300	430	470	400	430	325	400	350	300	300
Group number	31	32	33	34	35	36	37	38	39	40
Film direction ↓	2+2 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)
Film width (MIN)	430	430	430	375	400	300	350	275	430	430
Group number	41	42	43	44	45	46	47	48	49	50
Film direction ↓	2+2 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)
Film width (MIN)	350	300	400	350	350	375	325	430	400	400
Group number	51	52	53	54	55	Max tray size	Max tray size	Max tray size		
Film direction ↓	2+2 Trays/cycle (MAX)	1+1 Trays/cycle (MAX)	2+2 Trays/cycle (MAX)	3+3 Trays/cycle (MAX)						
Film width (MIN)	375	430	350	430	350	430	430	430		

385 X 350 (Gr. 24) 183 X 350 (Gr. 31) 119 X 350 (Gr. 23)

PROMENS 1951

1951 STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

The 1951VG machine is an automatic tray sealing machine with optional equipment to give high performance and flexibility to the customer's requirements. Promens 195x is manufactured in 2 different models: model 1951 and model 1952; the 1951 with a single vacuum chamber 1952 with a twin chamber for high and highest production out-put. Specially designed for industrial purposes where speed and high flexibility (rapid mould change) is needed. The machine is equipped with:

stainless steel cycle frame, control panel on pivot arm, programmable PLC with 15 programs, software programs available to connect different equipment and devices such as de-nester, dosing unit and special in-feed and out-feed conveyors, extended tray loading area according to customer requests and a vacuum pump available in the machine frame from 100 - 160 m³/h.



TECHNICAL SPECIFICATIONS

1951

Max machine height	1750		
Machine width	1128		
Machine length in mm.	3630	4570	5740
Free loading area for tray	1 MT.	2 MT.	3 MT.
No. of free loading positions	2	4	6
Tray index	457 mm.		
Height of loading conveyor	900 - 960 mm.		
Tray out-feed with "intralox"	STANDARD		
Die set in a single vacuum chamber	STANDARD		
Die set movement	Pneumatic		
Machine weight excluding vacuum pump	Approx. 1.000 Kg.		
Max width of top web	520 mm.		
Max diameter of film roll	300 mm.		
Diameter of film reel core	70 - 76 mm.		
Vacuum pump available in machine frame	100 - 160 m ³ /h		
Electrical supply (standard)	3/N/PE AC 400 V 50 HZ.		
Power consumption	Min. 4 Kw - Max 8 Kw		
Compressed air	6 bar - 35 NI/c.		
Machine cycles	6 - 15 per minute*		

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Trays/cycle (MAX)	4	3	4	3	4	3	2	2	1	2
Film direction	↓									
Film width (MIN)	470	520	520	470	520	520	430	430	310	400
Trays/cycle (MAX)	1	1	2	3	2	2	2	3	1	1
Film direction	↓									
Film width (MIN)	300	470	470	470	400	400	400	470	300	245
Trays/cycle (MAX)	1	2	3	1	1	3	4	3	4	2
Film direction	↓									
Film width (MIN)	300	430	470	325	300	470	520	520	400	520
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle (MAX)	2	3	1	1	4	2	2	2	2	2
Film direction	↓									
Film width (MIN)	430	470	430	350	520	400	520	350	470	430
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle (MAX)	3	4	2	3	3	4	3	2	2	2
Film direction	↓									
Film width (MIN)	520	375	200	520	520	520	470	430	400	
Group number	51	52	53	54	55	Max tray size	Max tray size	Max tray size	Max tray size	
Trays/cycle (MAX)	2	2	3	2	3	1	2	3	4	
Film direction	↓									
Film width (MIN)	375	430	520	430	520	520	520	520	520	

465 X 400 (Gr. 12) 230 X 400 (Gr. 37) 148 X 400 (Gr. 28) 107 X 400 (Gr. 5)

PROMENS 1952

1952 STANDARD HEAT SEALING TOOLS AND SIZES AVAILABLE

The 1952VG machine is an automatic tray sealing machine with optional equipment to give high performance and flexibility to the customer's requirements. Promens 195x is manufactured in 2 different models: model 1951 and model 1952; the 1951 with a single vacuum chamber and second one with a twin chamber for high and highest production output. Specially designed for industrial purposes where speed and high flexibility (rapid mould change) is needed. The machine is equipped

with: stainless steel frame, control panel on pivot arm, programmable PLC with 15 programs, software programs available to connect different equipment and devices such as de-nester, dosing unit and special in-feed and out-feed conveyors, extended tray loading area according to customer requests and a vacuum pump available in the machine frame from 100 - 160 m³/h.



TECHNICAL SPECIFICATIONS

1952

Max machine height	1750		
Machine width	1128		
Machine length in mm.	3816	4756	5926
Free loading area for tray	1 MT.	2 MT.	3 MT.
No. Of free loading positions	3	6	9
Tray index	317 mm.		
Height of loading conveyor	900 - 960 mm.		
Tray out-feed with "intralox"	STANDARD		
Die set in a single vacuum chamber	STANDARD		
Die set movement	Mechanic		
Machine weight excluding vacuum pump	Approx. 1.200 Kg.		
Max width of top web	520 mm.		
Max diameter of film roll	300 mm.		
Diameter of film reel core	70 - 76 mm.		
Vacuum pump available in machine frame	100 - 160 m ³ /h		
Electrical supply (Standard)	3/N/PE AC 400 V 50 HZ.		
Power consumption	Min. 4 Kw - Max 8 Kw		
Compressed air	6 bar - 25 NI/c.		
Machine cycles	*6 - 15 per minute		

* Depend on products and process

All information is given in good faith and without warranty. Promens reserves the right to change the specifications without notice.

Group number	1	2	3	4	5	6	7	8	9	10
Trays/cycle (MAX)	4+4	3+3	4+4	3+3	4+4	3+3	2+2	2+2	1+1	2+2
Film direction	↓									
Film width (MIN)	470	520	520	470	520	520	430	430	310	400
Group number	11	12	13	14	15	16	17	18	19	20
Trays/cycle (MAX)	1+1	1+1	2+2	3+3	2+2	2+2	2+2	3+3	1+1	1+1
Film direction	↓									
Film width (MIN)	300	470	470	470	400	400	400	470	300	245
Group number	21	22	23	24	25	26	27	28	29	30
Trays/cycle (MAX)	1+1	2+2	3+3	1+1	1+1	3+3	4+4	3+3	4+4	2+2
Film direction	↓									
Film width (MIN)	300	430	470	325	300	470	520	520	400	520
Group number	31	32	33	34	35	36	37	38	39	40
Trays/cycle (MAX)	2+2	3+3	3+3	1+1	4+4	2+2	2+2	2+2	2+2	2+2
Film direction	↓									
Film width (MIN)	430	470	430	430	520	400	520	350	470	430
Group number	41	42	43	44	45	46	47	48	49	50
Trays/cycle (MAX)	3+3	4+4	2+2	3+3	3+3	4+4	3+3	2+2	2+2	1+
Film direction	↓									
Film width (MIN)	520	375	200	520	520	520	470	430	400	470
Group number	51	52	53	54	55	Max tray size				
Trays/cycle (MAX)	2+2	2+2	3+3	2+2	3+3	1+1	2+2	3+3	4+4	1
Film direction	↓									
Film width (MIN)	375	430	520	430	520	520	520	520	520	520

We recommend that gr. 50 must run on a dedicated machine - due to the major toolchange

465 X 400 (Gr. 12) 230 X 400 (Gr. 37) 148 X 400 (Gr. 28) 107 X 400 (Gr. 5) 465 X 400 (Gr. 50)

AUTOMATIC MACHINES

A fully automatic machine is almost never delivered only as a machine. Normally the customer wants some tailor made solutions to fit the special production.

In the following table we have listed some of the items available for our range of automatic machines. There is still more opportunities to have exactly what you need to get your packaging line working as efficient as possible.

Please contact us for a more detailed offer on a solution that fits you. We are more than happy to discuss a solution for your future demands on the packaging side. As a supplier in the food industry we have collected many years of know-how in the total packaging, often unmatched by our competitors.

ADDITIONAL EQUIPMENT FOR OUR AUTOMATIC MACHINES

	1751	1752	1951	1952
1m tray loading area length extension	✓	✓	✓	✓
2m tray loading area length extension	✓	✓	✓	✓
3m tray loading area length extension	✓	✓	✓	✓
4m tray loading area length extension	✓	✓	✓	✓
Tray denester	✓	✓	✓	✓
Automatic out-feed conveyor "Intralox"	✓	✓	✓	✓
Out feed conveyer 4 to 1 trays in line	✓	✓	✓	✓
Out feed conveyer 3 to 1 trays in line	✓	✓	✓	✓
Out feed conveyer 2 to 1 trays in line	✓	✓	✓	✓
1,5" Liquid filter with support and connections	✓	✓	✓	✓
Programming for filler and denester	✓	✓	✓	✓
Photocell for printed film registration	✓	✓	✓	✓
Support for coding units or label applicators	✓	✓	✓	✓
Hand lift for tools (Capacity 80kg)	✓	✓	✓	✓
Hand lift for tools (Capacity 160kg)	✓	✓	✓	✓
Single chamber tooling	✓	✓	✓	✓*
Double chamber tooling	✓	✓	✓	✓
Pre-heater for one tooling	✓	✓	✓	✓

* Only for group 50



PACKAGING CONCEPT FROM PROMENS



Trays PEHD



Tray sealing machines



Sealing films



Consulting

Promens Food Packaging



CombiPac



Pails/Drums



Cups



Food service



Delipack



Spoons



Trays



Sealing Machines



Sealing films



Technical service

The trays are made of High Density Polyethylene (HDPE), one of the most environmental friendly plastics.

All the trays can be recycled.

When fully incinerated it reduces to Carbon Dioxide (CO₂) and water vapour (H₂O).

Trays are available in sizes from 120 ml. to 24 litres, and in many colours.

Suitable for vacuum, modified atmosphere packaging (MAP), sterilization, pasteurization, cooling and deep freezing. Reheating in microwave oven, hot air or hot water.

Temperature resistance:
from +50°C to +121°C.

All trays can be made in light weight upon request.




PROMENS
food packaging

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Promens is a leading global plastics manufacturer operating over 60 manufacturing facilities in Europe, North America, Asia and Africa. The company manufactures a wide range of products, including packaging for food, cosmetics, chemicals and pharmaceuticals, and serves multiple industries such as the food processing, chemical and medical industries, as well as the automotive, heavy machinery and electronic industries.

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