

**PRODUCT LIST**

January 2009

Machine description		
01	<b>THP10</b>	Basic two chamber vacuum hole filling machine Filling and cleaning chamber Max. Panel size 21" x 30"
02	<b>THP10-01</b>	Single THP 10 filling chamber only For capacity enlargement Max. Panel size 21" x 30"
03	<b>THP 30</b>	Double chamber vacuum hole filling machine Filling and cleaning chamber Max. Panel size 21" x 30"
04	<b>THP 30 -01</b>	Single THP 30 filling chamber only For capacity enlargement Max. Panel size 21" x 30"
05	<b>THP 35</b>	High Vacuum double chamber plugging machine For through- and blind holes in one step Filling and cleaning chamber; ps24"X30"
06	<b>THP 35-01</b>	single 35 filling chamber only For capacity enlargement Max. Panel size 24" x 30"
07	<b>THP 35 XL</b>	High Vacuum double chamber plugging machine For through- and blind holes in one step Filling and cleaning max Panel size 42" x 24"
08	<b>CC 30</b>	Single cleaning chamber Scavenger base THP 10 Max. Panel size 21" x 30"
09	<b>PD 30</b>	Plane raze device 30" x 30" manual

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Machine description		
10	<b>PD 40</b>	Semi automatic Plane raze device 28" x 28"
11	<b>PD 50</b>	Plane raze device for wet sanding 30"x 30"
12	<b>RS 10</b>	Squeegee Grinding machine For all cleaning squeegees THP 10 / 30 / 35
13	<b>C6</b>	Cartridge magazine for THP 30 Equipped with filling level sensor
14	<b>C6-2</b>	Cartridge magazine for THP 35 Equipped with filling level sensors
15	<b>C6-C</b>	C6 stainless steel cabinet
16	<b>HC25</b>	Heat and cooling unit 2.3 KW
17	<b>HH30</b>	Filling head for THP 10 / THP 30
18	<b>VH30</b>	Vacuum head for THP 10 / THP 30
19	<b>CSF30</b>	Cleaning squeegee for THP 10 / THP 30 Front side
20	<b>CSR30</b>	Cleaning squeegee for THP 10 / THP 30 Rear side

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Machine description		
21	<b>FH35</b>	High Vacuum Filling head for THP 35
22	<b>FP35</b>	Front plate for High Vacuum Filling head THP 35 Exchangeable part for different filling sizes Size depend on customer demand
23	<b>CSF35</b>	Cleaning squeegee for THP 35 Front side
24	<b>CSR35</b>	Cleaning squeegee for THP 35 Rear side
25	<b>PC 5</b>	Paste container for THP 30/10 About 5kg Paste capacity
26	<b>PC 4</b>	Paste container for THP 30/10/THP35 About 4kg Paste capacity
27	<b>T10</b>	Transformer for THP 10 / 30 if the voltage is not 400V or 480V
28	<b>T35</b>	Transformer for THP 35 if the voltage is not 400V or 480V
29	<b>PS 200</b>	Power Squeegee Hand held hole filling tool With pneumatic control
30	<b>SCT 30</b>	Cleaning station for filling and Vacuum heads Including pneumatic explosion proof pump

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Machine description		
31	<b>OR35</b>	O -ring preparation tool for THP 35 filling heads Cut and glue tool
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37	<b>VDS 200</b>	Full automatic vertical hanging dryer For solder mask final cure Capacity 4LP/M in 3 heating zones
38	<b>VDS 250</b>	Full automatic vertical hanging dryer For solder mask final cure Capacity 4LP/M in 4 heating zones
39	<b>VDS 300</b>	Full automatic vertical hanging dryer For solder mask final cure Capacity 4LP/M in 5 heating zones
40	<b>VDS 350</b>	Full automatic vertical hanging dryer For solder mask final cure Capacity 4LP/M in 6 heating zones
41	<b>VDS 150S</b>	Semi automatic hanging dryer For tack dry and final cure 2 heating zones

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Machine description		
42	<b>VDS 200 S</b>	Semi automatic hanging dryer For tack dry and final cure 3 heating zones
43	<b>VDS 250 S</b>	Semi automatic hanging dryer Four tack dry and final cure 4 heating zones
44	<b>VDS 300 S</b>	Semi automatic hanging dryer tack dry and final cure 5 heating zones
45	<b>VDS 350 S</b>	Semi automatic hanging dryer For teak dry and final cure Six heating zones
46	<b>VDS 150 M</b>	Vertical hanging dryer manual For tack dry and final cure 2 heating zones
47	<b>VDS 200 M</b>	Vertical hanging dryer manual For tack dry and final cure 3 heating zones
48	<b>VDS 250 M</b>	Vertical hanging dryer manual For tack dry and final cure 4 heating zones
49	<b>VDS 300 M</b>	Vertical hanging dryer manual For tack dry and final cure 5 heating zones
50	<b>VDS 350 M</b>	Vertical hanging dryer manual For tack dry and final cure 6 heating zones
51	<b>IR 500</b>	Final cure IR oven Line speed 500mm/M in 700 mm working width; 6000 mm length
52	<b>IR 750</b>	Final cure IR oven Line speed 750mm/M in 700 mm working width; 8000mm length

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Machine description		
53	<b>IR 1000</b>	Final cure IR oven Line speed 1000mm/M in 700 mm working width; 10.000 mm length
54	<b>IR 1500</b>	Final cure IR oven Line speed 1500mm/M in 700 mm working width 15.000 mm length
55	<b>CM 2000</b>	Cooling module 2000 mm length/ 700mm Working width
56	<b>CM 3000</b>	Cooling module 3000 mm length/ 700mm Working width
57	<b>CM 4000</b>	Cooling module 4000 mm length/ 700mm Working width
58	<b>CM 2000V</b>	Cooling module V- Flat belt 2000 mm length/ 700mm Working width
59	<b>CM 3000V</b>	Cooling module V- Flat belt 3000 mm length/ 700mm Working width
60	<b>CM 4000V</b>	Cooling module V- Flat belt 4000 mm length/ 700mm Working width
61	<b>MLD 100</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 100 Panels (80 panels per hour)

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Machine description		
62	<b>MLD 150</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 150 Panels (120 panels per hour)
63	<b>MLD 200</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 200 Panels (160 panels per hour)
64	<b>MLD 250</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 250 Panels (200panels per hour)
65	<b>MLD 300</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 300 Panels (240 panels per hour)
66	<b>MLD 350</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 350 Panels (280 panels per hour)
67	<b>MLD 400</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 400 Panels (320 panels per hour)
68	<b>MLD 450</b>	Multi level dryer for solder mask teak dry With flash off and cooling zone Capacity: 450Panels (360 panels per hour)
69	<b>FO 2000 V</b>	Flash off unit V-Flat belt 2000mm, 700mm working width one heating zone

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Machine description		
70	<b>FO 3000V</b>	Flash off unit with V-Flat belt 3000mm, 700mm working width one heating zone
71	<b>FO 4000V</b>	Flash off unit with V-Flat belt 4000mm, 700mm working width one heating zone
72	<b>IRT 2000</b>	IR tack dry oven 12 KW 2000 mm , 700mm working width 4 heating zones
73	<b>IRT 3000</b>	IR tack dry oven 18 KW 3000 mm , 700mm working width 4 heating zones
74	<b>IRT 2000 V</b>	IR tack dry oven 12 KW V-Flat belt 2000 mm , 700mm working width 4 heating zones
75	<b>IRT 3000 V</b>	IR tack dry oven 18 KW V- Flat belt 3000 mm , 700mm working width 4 heating zones
76		
77	<b>MLE 40</b>	Multi level evaporator Capacity 40 Panels 1 heating zone – Air exhaust blower
78	<b>MLE50</b>	Multi level evaporator Capacity 50 Panels 1 heating zone – Air exhaust blower
79	<b>MLE75</b>	Multi level evaporator Capacity 75 Panels 1 heating zone – Air exhaust blower
80	<b>MLE100</b>	Multi level evaporator Capacity 100 Panels 1 heating zone – Air exhaust blower



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Machine description		
81		
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85	<b>IR CL 500</b>	IR – Solder mask curtain coating Line Flat belt Line speed 500mm/M in
86	<b>IR CL 1000</b>	IR – Solder mask curtain coating Line Flat belt Line speed 500mm/M in
87	<b>IR CL 1500</b>	IR – Solder mask curtain coating Line Flat belt Line speed 500mm/M in
88	<b>IR CL 500V</b>	IR – Solder mask curtain coating Line V-Flat belt Line speed 500mm/M in
89	<b>IRCL 1000V</b>	IR – Solder mask curtain coating Line V-Flat belt Line speed 1000mm/M in
90	<b>IRCL 1500V</b>	IR – Solder mask curtain coating Line V-Flat belt Line speed 1500mm/M in
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Machine description		
92		
93	<b>SC 3000</b>	Solder mask Spray Coater Line speed 1000mm/Min 2 drying modules
94	<b>IS 25</b>	Stainless steel Ink station for SC 3000 With filter and ball valves Max. 25ltr. volume
95	<b>SM 25</b>	Ink steering station 25Ltr pneumatic steering motor
96	<b>SM100</b>	Ink steering station 100 Ltr. – explosion proof motor 1,2 KW filling level Radar Sensor control
97	<b>SM 250</b>	Ink steering station 250Ltr.- explosion proof motor 1,8 KW filling level Radar Sensor control
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Machine description		
102		
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109	<b>CD 800</b>	Centering device 750mm transport width 800mm length 900 +/-50 mm working high
110	<b>TM1000</b>	Transport module with cover 750mm width 1000mm length 900 +/-50 mm working high
111	<b>TM 2000</b>	Transport module with cover 750mm width 2000mm length 900 +/-50 mm working high

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Machine description		
112	<b>TM 3000</b>	Transport module with cover 750mm width 3000mm length 900 +/-50 mm working high
113	<b>CT 1000</b>	Cross table with cover 750mm width 1000mm length 900 +/-50 mm working high
114	<b>FO 10</b>	Flip-over 24" x24" (LxWxH) 1000x1000x1400mm
115	<b>WL 50</b>	Wicket loader – un loader Max. Panel size 24" x24" Capacity 50 panels
116	<b>WL 75</b>	Wicket loader – un loader Max. Panel size 24" x24" Capacity 75 panels
117	<b>WL 100</b>	Wicket loader – un loader Max. Panel size 24" x24" Capacity 100 panels
118	<b>B25</b>	FILO buffer 24" x 24" Capacity 25 panels (LxWxH) 1000x1000x2600mm
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