



Catalog 2008
Machines



Production Equipment and Consumables



Vapor Phase reflow Systems. Batch and In-Line. Oxygen free pre-heat and reflow. Zero degree's delta T's.



Engineered solutions for PCBA automation. Fully automatic PCBA in-line and stand-alone routers, High-speed ink-jet marking systems, and connector insertion machines.



Stand-alone and In-Line X-ray inspection systems.



Lead-Free Wave and reflow equipment. Bench top to full in-line production systems. The equipment is designed for flexibility, durability, and above all – affordability.



Products include linking conveyors, line loaders / un-loaders, lift and turn units, and laser marking systems.



MSDS Storage systems <5% RH environment. For less critical MSDS storage <10% RH.



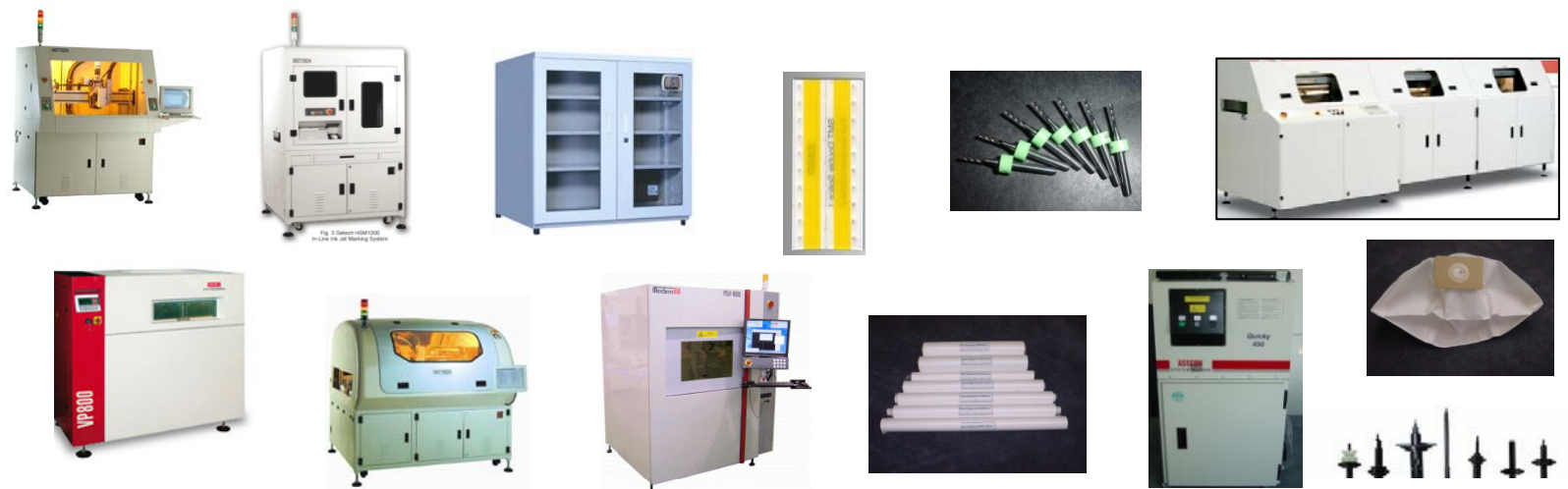
Jäger offers an extensive product range of high-speed, high-performance spindles. The Jager spindle is a direct alternative to KAVO spindles, commonly used in routing machines.



Universal tooling system for PCB support in printers and pick and place machines. Offering zero load dispersion across the complete panel.



- SMT placement nozzles at competitive prices.
- Router Bits and Consumables supplies for router machines.
- Splice tape for ALL pick and place machines and Splice clips.
- Printer Rolls for All printer systems.





Last Update: Dec 2007

A-Tek llc
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Getech

Model	P/N	Description	Packaging	US Suggested List Price
Stand alone	GSR1200	Features: video aided programming, programmable servo-z, broken bit detection. Rout window: 13.5" x 13.5", dual table	Ea	\$ 66,500.00
Stand alone	GSR1280S	Features: video aided programming, programmable servo-z, broken bit detection. Rout window: 24" x 24", single table	Ea	\$ 89,500.00
Stand alone	GSR1280	Features: video aided programming, programmable servo-z, broken bit detection. Rout window: 20" x 20", dual table	Ea	\$ 102,500.00
Options	GSR Series	Tall component clearance (up to .75")	Ea	\$ 5,140.00
Options	GSR Series	Fiducial recognition	Ea	\$ 19,000.00
Options	GSR Series	Bar code interface software	Ea	\$ 3,150.00
Options	GSR Series	Major maintenance kit (without spindle)	Ea	\$ 5,250.00

Model	P/N	Description	Packaging	US Suggested List Price
In Line	PRM	Features: video aided programming, programmable servo-z, broken bit detection. Rout window: 14" x 18", single work area, automatic	Ea	\$ 115,496.00
In Line	RBM	Features: video aided programming, programmable servo-z, broken bit detection. Rout window: 13" x 13", high-throughput, dual table, automatic	Ea	\$ 165,000.00
Options	PRM/RBM	Fiducial recognition	Ea	\$ 19,000.00
Options	PRM/RBM	Automatic bit change	Ea	\$ 9,995.00
Options	PRM/RBM	Bar code interface software	Ea	\$ 3,150.00
Options	PRM	Major maintenance kit (without spindle)	Ea	\$ 5,250.00
Options	RBM	Major maintenance kit (without spindle)	Ea	\$ 7,550.00





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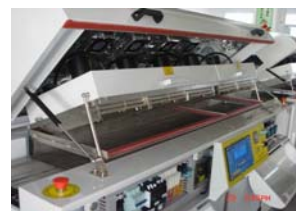
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Dektec Reflow

Model	P/N	Description	Packaging	US Suggested List Price
BM-W Series	BM-W330	3 heating zones, force air - upper, infrared - lower, 700 mm tunnel length, max. PCB width - 300 mm	Ea	\$ 6,602.50
BM-W Series	BM-W430	4 heating zones, force air - upper, infrared - lower, 700 mm tunnel length, max. PCB width - 300 mm	Ea	\$ 7,637.50
BM-W Series	BM-W530	5 heating zones, force air - upper, infrared - lower, 700 mm tunnel length, max. PCB width - 300 mm	Ea	\$ 8,650.00
BM-W Series	BM-W545	5 heating zones, force air - upper, infrared - lower, 1700 mm tunnel length, max. PCB width - 400 mm	Ea	\$ 21,700.00
BM-W Series	BM-W645	6 heating zones, force air - upper, infrared - lower, 2010 mm tunnel length, max. PCB width - 400 mm	Ea	\$ 23,275.00
BM-W Series	BM-W745	7 heating zones, force air - upper, infrared - lower, 2320 mm tunnel length, max. PCB width - 400 mm	Ea	\$ 24,850.00
BM-W Series	BM-W845	8 heating zones, force air - upper, - lower, 2630 mm tunnel length, max. PCB width - 400 mm	Ea	\$ 26,425.00
Options	BM-W Series	Two control system - First control PC, second control LED keypad	Ea	\$ 1,935.00
Options	BM-W 330/430/530	Stand	Ea	\$ 1,800.00

Model	P/N	Description	Packaging	US Suggested List Price
DK-Series	DK-7C	7 heating zones, force air - upper & lower, 2450 mm tunnel length, max. PCB width - 400 mm	Ea	\$ 35,605.00
DK-Series	DK-8C	8 heating zones, force air - upper & lower, 2800 mm tunnel length, max. PCB width - 400 mm	Ea	\$ 36,887.50
Options	DK-Series	Two control system - First control PC, second control LED keypad	Ea	\$ 1,935.00
Options	DK-Series	Board drop sensor	Ea	\$ 1,350.00
Options	DK-Series	Fan speed control (via PC)	Ea	\$ 2,700.00

Model	P/N	Description	Packaging	US Suggested List Price
SF-Series	SF-7C	7 heating zones, force air - upper & lower, 2450 mm tunnel length, max., 2 zones - industrial chiller, PCB width - 500 mm	Ea	\$ 43,300.00
SF-Series	SF-8C	8 heating zones, force air - upper & lower, 2800 mm tunnel length, max., 2 zones - industrial chiller, PCB width - 500 mm	Ea	\$ 44,875.00
SF-Series	SF-10C	10 heating zones, force air - upper & lower, 3500 mm tunnel length, max., 2 zones - industrial chiller, PCB width - 500 mm	Ea	\$ 58,375.00
Options	SF-Series	Center board support (CBS system)	Ea	\$ 5,625.00
Options	SF-Series	Board drop sensor	Ea	\$ 1,350.00
Options	SF-Series	N2 feeding - Contains N2 flow meters, N2 shields and corners, pipes, etc.	Ea	\$ 4,050.00
Options	SF-Series	N2 analyzer	Ea	\$ 25,200.00
Options	SF-Series	Flux seperation system	Ea	\$ 4,725.00
Options	SF-Series	Fan speed control (via PC)	Ea	\$ 2,700.00
Options	SF-Series	Individual profiler with 6 channels	Ea	\$ 10,350.00
Options	SF-Series	Individual PLC controlled 25" conveyor for offload	Ea	\$ 5,625.00
Options	SF-Series	Dual exhaust for flux collection	Ea	\$ 4,500.00





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Dektec Wave

Model	P/N	Description	Packaging	US Suggested List Price
BEN-Z Series	BEN-Z300	Economical (pallet) wave solder machine. Max. PCB - 300 mm	Ea	\$ 17,875.00
BEN-Z Series	BEN-Z400	Economical (pallet) wave solder machine. Max. PCB - 400 mm	Ea	\$ 18,662.50
Options	BEN-Z 300/400	Ti Solder Pot	Ea	\$ 5,000.00
Options	BEN-Z 300/401	Wave solder pallet	Ea	\$ 95.00
Options	BEN-Z 300/402	Spray fluxer	Ea	\$ 1,200.00
Options	BEN-Z 300/403	Machine stand	Ea	\$ 1,600.00

Model	P/N	Description	Packaging	US Suggested List Price
ST-Series	ST-300	Economical wave solder machine for lead free processing. Features include: hot air convection with .8m pre-heat zone, Ti pot and fingers.	Ea	\$ 26,250.00
ST-Series	ST-400	Economical wave solder machine for lead free processing. Features include: hot air convection with .8m pre-heat zone, Ti pot and fingers.	Ea	\$ 26,815.00
ST-Series	ST-450	Economical wave solder machine for lead free processing. Features include: hot air convection with .8m pre-heat zone, Ti pot and fingers.	Ea	\$ 28,500.00
Options	ST-Series 300/400/450	PC control	Ea	\$ 2,250.00

Model	P/N	Description	Packaging	US Suggested List Price
DN-Series	DN-350	Lead free wave solder machine with 3 infrared heating zones with individual temperature control. Features include: Ti pot and fingers, 25 liter spray fluxer, and adjustable conveyor. Max PCB - 350 mm	Ea	\$ 40,087.50
DN-Series	DN-400	Lead free wave solder machine with 3 infrared heating zones with individual temperature control. Features include: Ti pot and fingers, 25 liter spray fluxer, and adjustable conveyor. Max PCB - 400 mm	Ea	\$ 41,212.50
DN-Series	DN-450	Lead free wave solder machine with 3 infrared heating zones with individual temperature control. Features include: Ti pot and fingers, 25 liter spray fluxer, and adjustable conveyor. Max PCB - 450 mm	Ea	\$ 42,225.00
DN-Series	DN-500	Lead free wave solder machine with 3 infrared heating zones with individual temperature control. Features include: Ti pot and fingers, 25 liter spray fluxer, and adjustable conveyor. Max PCB - 500 mm	Ea	\$ 43,350.00
Options	DN-Series	Two control system - first control is PC and second is keypad	Ea	\$ 1,935.00
Options	DN-Series	Automatic Flux Feeding System	Ea	\$ 2,700.00
Options	DN-Series	Preheating Bottom Zone - First zone infrared heaters, second and third zone hot air convection	Ea	\$ 3,712.50
Options	DN-Series	Preheating Upper Zone - Third zone hot air convection	Ea	\$ 1,125.00
Options	DN-Series	Swing (first) nozzle	Ea	\$ 1,125.00
Options	DN-Series	SUS316 solder pot - leaded applications	Ea	\$ 4,950.00
Options	DN-Series	Center board support	Ea	\$ 1,575.00
Options	DN-Series	Automatic rail adjust - width parameters programmed via PC	Ea	\$ 1,800.00
Options	DN-Series	Solder pot in/out and up/down	Ea	\$ 4,387.50
Options	DN-Series	Powered Extraction	Ea	\$ 900.00



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Asscon VP

Model	P/N	Description	Packaging	US Suggested List Price
Asscon	VP800	Vapor phase soldering - small to medium production volumes. Features: fluid filtration and cooling systems	Ea	\$ 54,572.00
Options	11100	Desoldering tool	Ea	\$ 1,750.56
Asscon	VP1000-56	Vapor phase soldering - max. solder product - 500 x 600. Features include: Quick filter change, automatic solder break, optical process control, cooling zone with convection cooling	Ea	\$ 111,412.00
Options	12321	Water cooling system	Ea	\$ 6,395.79
Options	12329	Additional heat exchanging unit	Ea	\$ 876.84
Options	12323	Data collection	Ea	\$ 5,137.26
Options	12328	Diagnostic module via modem	Ea	\$ 5,880.00
Options	12325	Work piece carrier	Ea	\$ 319.79
Options	12324	Special RAL colour	Ea	\$ 1,237.89

Model	P/N	Description	Packaging	US Suggested List Price
Asscon	VP6000	Vapor phase soldering with vacuum - integrated vacuum to remove voids and entrapments from the solder while still in liquid form. Includes permanent filter system	Ea	\$ 240,699.29
Options	12601	Water cooling system	Ea	\$ 7,764.08
Options	12609	Additional heat exchanger unit	Ea	\$ 1,099.91
Options	12603	Data collection	Ea	\$ 6,444.18
Options	12360	Diagnostic module via modem	Ea	\$ 7,375.87
Options	12605	Work piece carrier	Ea	\$ 504.66
Options	12604	Special RAL colour	Ea	\$ 1,682.22

Model	P/N	Description	Packaging	US Suggested List Price
Asscon	VP2000	Vapor phase soldering for high volume manufacturing. Max. soldering product - 565 x 500 mm. Includes permanent filter system	Ea	\$ 276,137.34
Asscon	VP2000 with vacuum	Vapor phase soldering with vacuum for high volume manufacturing. Max. soldering product - 565 x 500 mm. Includes permanent filter system	Ea	\$ 450,593.02
Options	12201	Water cooling system	Ea	\$ 16,175.16
Options	12216	Additional heat exchanging unit	Ea	\$ 1,964.13
Options	12213	Closed cooling circuit with heat exchanger for connection with cooling water system or fresh water supply	Ea	\$ 9,242.95
Options	12204	Dual track transport	Ea	\$ 71,632.84
Options	12206	Asymmetrical dual track transport	Ea	\$ 84,341.89
Options	12214	Shuttle system for loading of both tracks	Ea	\$ 34,429.98
Options	12215	Shuttle system for unloading of both tracks	Ea	\$ 34,429.98
Options	12207	Diagnostic modul via modem	Ea	\$ 3,581.64
Options	12208	Data collection	Ea	\$ 7,625.43
Options	12210	Two-parted construction for transport purpose	Ea	\$ 11,322.61
Options	12212	Work piece carrier	Ea	\$ 450.59
Options	12211	Special RAL colour	Ea	\$ 3,466.11

PRICES SUBJECT TO CHANGE





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Signking Screen Printer

Model	P/N	Description	Packaging	US Suggested List Price
Signking	SKP-828	Semi-automatic printer. Features: 2 cameras for stencil to board for manual alignment, PLC control, max. PCB - 18" x 18". Slide table for ease of loading.	Ea	\$ 229,995.00
Signking	Options	Major maintenance kit	Ea	\$ 1,676.50





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DryTech

Model - < 5% RH	P/N	Description	Packaging	US Suggested List Price
Drytech	XDC-100	Dimensions: 40 X 69 X 41 (WHD)	Ea	\$ 3,222.50
Drytech	XDC-500	Dimensions: 88 X 90 X 63 (WHD)	Ea	\$ 8,962.50
Drytech	XDC-1000	Dimensions: 60 X 193 X 76 (WHD)	Ea	\$ 10,415.00
Drytech	XDC-2000	Dimensions: 120 X 193 X 76 (WHD)	Ea	\$ 13,020.00
Model - < 10% RH	P/N	Description	Packaging	US Suggested List Price
Drytech	XDC-100	Dimensions: 40 X 69 X 41 (WHD)	Ea	\$ 1,950.50
Drytech	XDC-500	Dimensions: 88 X 90 X 63 (WHD)	Ea	\$ 4,885.50
Drytech	XDC-1000	Dimensions: 60 X 193 X 76 (WHD)	Ea	\$ 6,652.00
Drytech	XDC-2000	Dimensions: 120 X 193 X 76 (WHD)	Ea	\$ 9,470.00



