



Bondköpfe

AMADA WELD TECH bietet eine komplette Produktreihe von Bondköpfen für die Hot Bar-Produktlinie.

Die Bondköpfe können für Bügellöten, ACF-Laminierung, Heißsiegelverklebung und Heat Staking eingesetzt werden. Sie bieten maximale Produktivität und eine konsistente Prozessregelung. Sie sind modular, kompakt, robust und einfach verstellbar aufgebaut.

Key features Bonding Heads

- Force-fired sensor for accurate force control and consistent process stability
- Optional integrated force load cell and displacement sensor for additional control and process data traceability
- Integrated mechanical module for planarity adjustment
- Rigid design for maximum productivity and highest possible connection accuracy
- Modular design for optimum system integration

Specifications Bondköpfe 1/3

.	Force Min (N)	Force Max (N)	Stroke (mm)
SH80 (pneumatic)	8	80	50
SH500 (pneumatic)	30	500	50
SH1250 (pneumatic)	250	1250	50
BH2500 (pneumatic)	20	2500	50
PH80 (stepper motor)	8	80	25
PH500 (stepper motor)	30	500	25
PH1250 (stepper motor)	250	1250	25
PH2500 (stepper motor)	250	2500	50
BONDING HEAD CONFIGURATION OPTIONS			
.	SH80	PH80	SH500
Desktop series	X	X	X
Stand-alone series	X	X	X
Emerald series	-	-	X
Customised systems	X	X	X
Pneumatic force control mode	-	-	X
Ready for MG3HB	X	1	X
Integrated displacement sensor	X	1	X
Integrated force sensor	X	1	X
THERMODE-QCB CONFIGURATIONS 7 WEIGHT*):			
Thermode	SH80	PH80	SH500
3-D thermode <50 mm length / < 4 mm width	69Q0015 (0,15 kg)	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)
3-D thermode <100 mm length / < 4 mm width	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)
3-D thermode <150 mm length / < 4 mm width	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)
2-D thermode <50 mm length / < 3 mm width	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)
Heatstake thermode Single-tip	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)
*)	Custom Hot Bar sizes available upon request. Note 1; bonding head with MG3 Hot Bar, upon request - = not available x = available		

Specifications Bondköpfe 2/3

.	Throat Depth / Weight (mm) / (kg)	Outer Dimensions HxDxW (mm)	
SH80 (pneumatic)	111 / 2,5	296 (490) x 114x57	
SH500 (pneumatic)	111 / 2.7	448 x 126 x 64 (83)	
SH1250 (pneumatic)	111 / 3,6	448 x 146 x 90	
BH2500 (pneumatic)	111 / 4,4	448 x 146 x133	
PH80 (stepper motor)	111 / 2,5	296 (490) x 114 x 57	
PH500 (stepper motor)	111 / 3,0	4448 x 126 x 64 (83)	
PH1250 (stepper motor)	111 / 3.6	448 x 146 x 90	
PH2500 (stepper motor)	111 / 4,4	448 x 146 x133	
BONDING HEAD CONFIGURATION OPTIONS			
.	PH500	SH1250	PH1250
Desktop series	X	-	-
Stand-alone series	X	X	X
Emerald series	X	X	X
Customised systems	X	X	X
Pneumatic force control mode	-	X	-
Ready for MG3HB	1	1	1
Integrated displacement sensor	1	1	1
Integrated force sensor	1	1	1
THERMODE-QCB CONFIGURATIONS 7 WEIGHT*):			
Thermode	PH500	SH1250	PH1250
3-D thermode <50 mm length / < 4 mm width	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)
3-D thermode <100 mm length / < 4 mm width	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)
3-D thermode <150 mm length / < 4 mm width	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)
2-D thermode <50 mm length / < 3 mm width	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)
Heatstake thermode Single-tip	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)
*)			

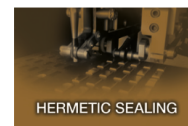
Specifications Bondköpfe 3/3

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SH80 (pneumatic)		
SH500 (pneumatic)		
SH1250 (pneumatic)		
BH2500 (pneumatic)		
PH80 (stepper motor)		
PH500 (stepper motor)		
PH1250 (stepper motor)		
PH2500 (stepper motor)		
BONDING HEAD CONFIGURATION OPTIONS		
.	BH2500	PH2500
Desktop series	-	-
Stand-alone series	X	X
Emerald series	X	X
Customised systems	X	X
Pneumatic force control mode	X	-
Ready for MG3HB	1	1
Integrated displacement sensor	1	1
Integrated force sensor	1	1
THERMODE-QCB CONFIGURATIONS 7 WEIGHT*):		
Thermode	BH2500	PH2500
3-D thermode <50 mm length / < 4 mm width	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)
3-D thermode <100 mm length / < 4 mm width	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)
3-D thermode <150 mm length / < 4 mm width	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)
2-D thermode <50 mm length / < 3 mm width	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)
Heatstake thermode Single-tip	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)
*)		

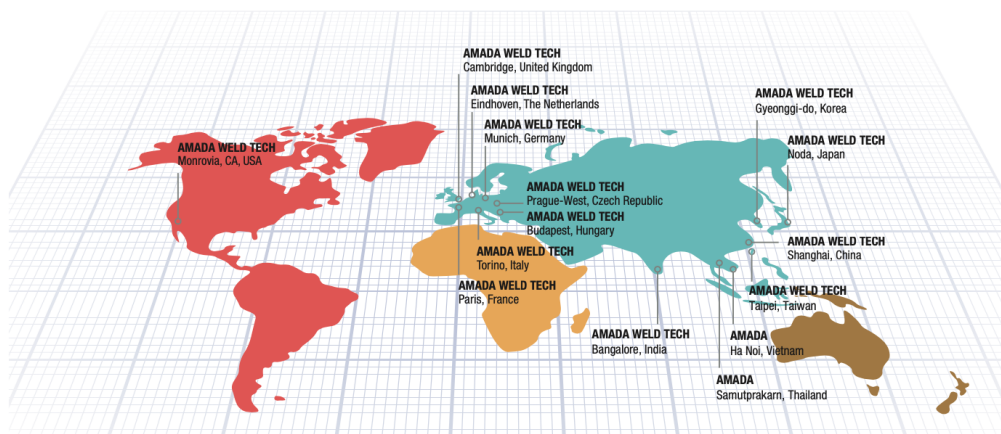
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