



NH-2000A Serie Reflow-Lötsystem mit Impulshitze (ehemals MHBR)

Das NH-2000 Serie Bügellötsystem mit Impulshitze (Pulsed Heat) von MIYACHI ist ein voll integriertes Hot-Bar-System, das eine gepulste Wärmethermotechnologie für Bügellöten und Heat Staking-Anwendungen verwendet, die eine Kraft zwischen 8 und 80 Newton erfordern.

Key Features NH-2000A Series Pulsed Heat Reflow Soldering System

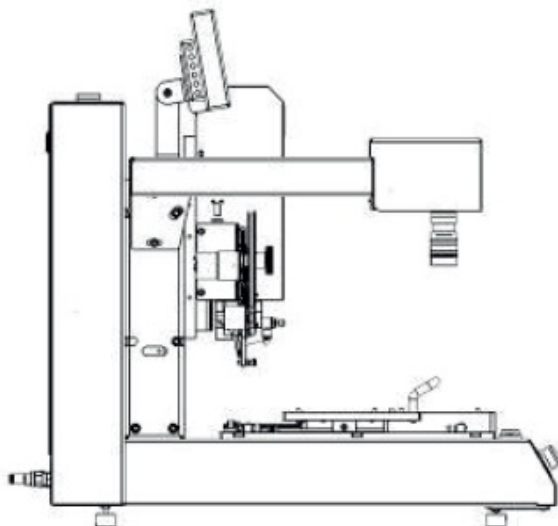
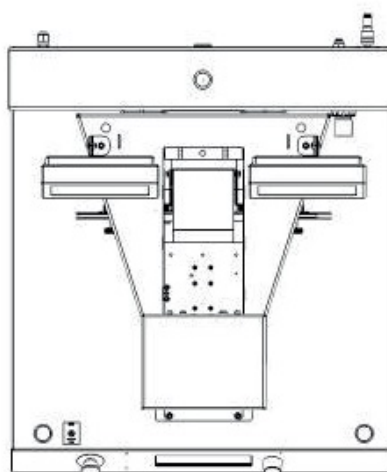
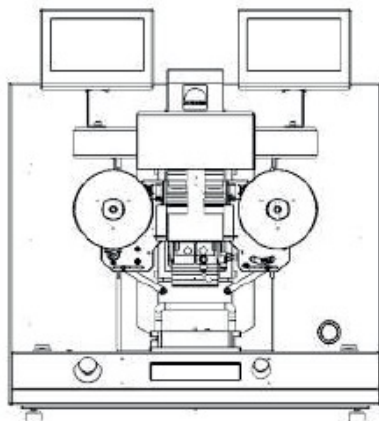
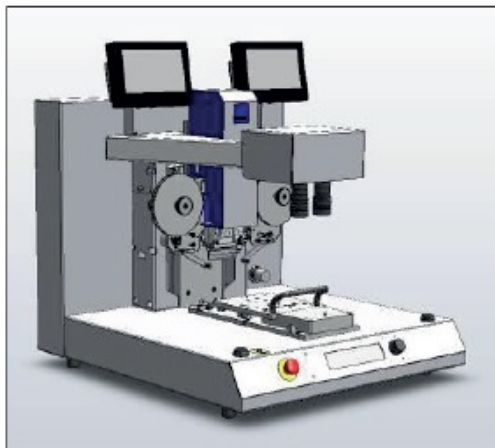
- Compact and flexible systems for high quality connections
- Connecting displays to PCB, bonding glass panel displays and flex foils
- User friendly system configuration, including optional plug & play modules
- Pulsed Heat process control proven technology through UF4000A Power Supply
- Ideal price-performance (throughput) ratio
- CE approved
- Pneumatic bond head, X-Y Hot Bar planarity adjustment and electronic system control included

Specifications NH-2000A Serie Reflow-Lötsystem mit Impulshitze (ehemals MHBR)

Modell			
Leistungsanforderungen	100-240 VAC / Single Phase / 50/60 Hz (16 Amps max)		
Air supply	6 – 8 bar [87 – 116 psi] , clean dry & filtered air		
Abmessungen der Grundplatte der Montagevorrichtung	150 x 150 mm		
Gewicht der Montagevorrichtung	1,0 kg Max (per product fixture)		
Thermode size (length x width) [2-D / 3-D configuration]	[2-D: up to 50,0 x 3,0 mm] [3-D: up to 75,0 x 4,0 mm]		
Inbetriebnahme	Two hand control		
Betriebstemperatur	15 – 40 °C		
Betriebsfeuchtigkeit	Max 93% @ 40 °C		
Zertifizierung	CE Approved		
Bonding head & Uniflow-4 Technical specifications			
Kraftbereich	8 – 80 N @ 6 Bar / 60 – 750 N @ 6 Bar (applicable for both MHBR and MHSB models)		
Bondkopfhub (max.)	45 mm		
Bondstufe	40 mm		
Freier Z-Raum für Komponenten	20 mm		
Temperaturbereich Leerlauf	25 to 300 °C	Heat	60 to 600 °C
Temperaturbereich Grundwärme	25 to 300 °C	Heat Extended Range	60 to 999 °C
Temperaturbereich Vorheizen	60 to 500 °C	Postheat	25 to 999 °C
Zeitperiode (in Schritten von 0,1 s) Grundwärme	0 to 99,9 seconds	Rise to Heat Time	0 to 9,9 seconds
Zeitperiode (in Schritten von 0,1 s) Anstieg zur Vorheizzeit	0 to 9,9 seconds	Heat	0,1 to 99,9 seconds
Zeitperiode (in Schritten von 0,1 s) Vorheizen	0 to 99,9 seconds or continuous	Postheat	0 to 99,9 seconds
Kommunikationsanschlüsse	RS-232, RS-485		
MODEL SPECIFICATIONS			
NH-2100 Base	No movement		
NH-2200 Linear Slide (manual 2-position front-rear slide)	Stroke between front and bonding position: 200 mm fixe		
NH-2300 Rotary table (manual 2-position)	Turntable diameter: 380 mm		
NH-2400 Automatic Rotary table (pneumatic 2-position)	Turntable diameter: 380 mm Turntable movement time:		
NH-3110 base	No movement		
NH-3210 linear slide (manual 2-position front-rear slide)	Stroke between front and bonding position: 200 mm fixed		

NH-3310 rotary table (manual 2-position)	Turntable diameter: 380 mm
NH-3410 Automatic Rotary table (pneumatic 2-position)	Turntable diameter: 380 mm Turntable movement time:
GEWICHT UND ABMESSUNGEN	
Abmessungen H x B x T (mm)	650 x 615 x 695 (excluding Power Supply)
Gewicht	60 kg (excluding Power Supply of approx. 30 kg)

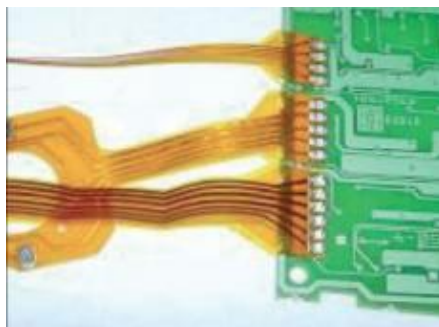
Drawings NH-2000A Serie Reflow-Lötsystem mit Impulshitze (ehemals MHBR)



Product applications NH-2000A Serie Reflow-Lötsystem mit Impulshitze (ehemals MHBR)



Flex soldering



Multiple flex bonding



Flex bonding



Wire soldering

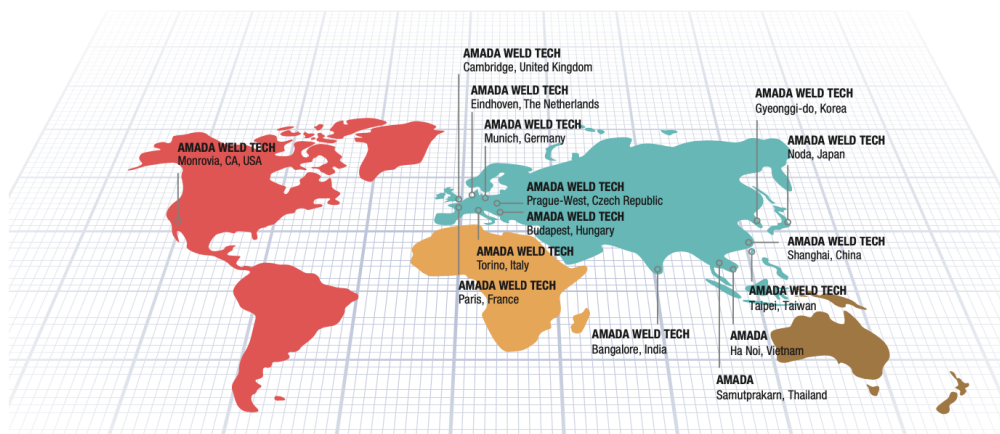
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