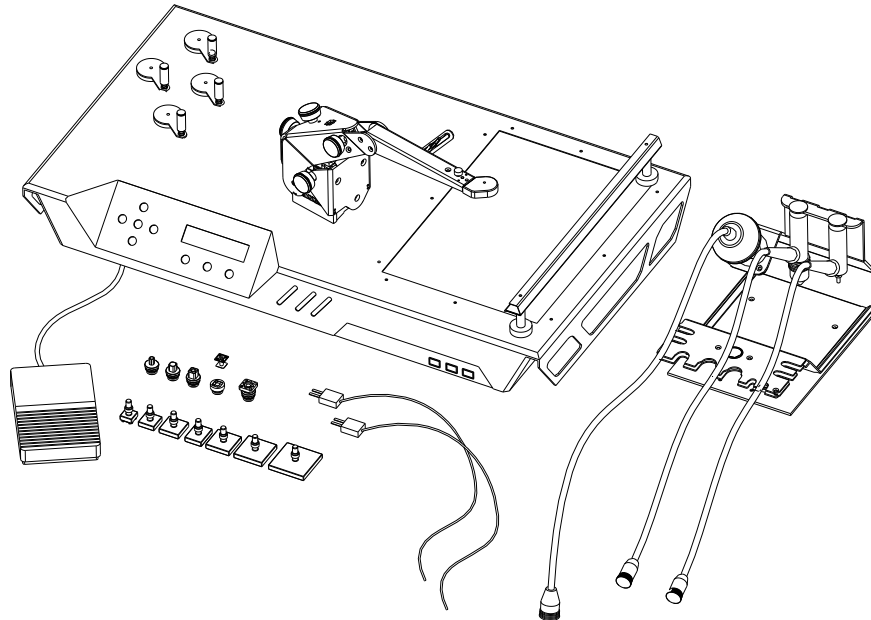


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Rework Station with 2000W heating power in IR-Technology over an area of 185x245mm². Placement of SMD Chips with Star Tool Technology, incl. Easy-Solder eco software package and Hot Air 05 control unit. The rework set comes together with additional tools for residual solder removal and dispensing. It has four high resolution sensor inputs for thermocouples (Type K).

This machine is a cost optimized solution for manual rework of mid-size PBCs.

Standard Equipment (Art.No. HA00.4085)


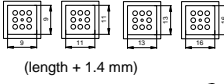

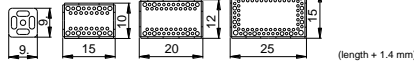





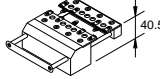
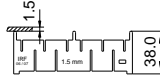
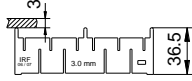
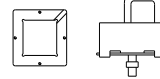
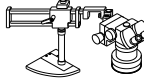
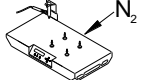
- Set of three tools with magazine for soldering, dispensing, residual solder removal and placing
- Set of placement nozzles for SHP arm (6 pcs)
- Set of soldering tools (QFP) 15x15mm², 20x20mm², 20x26mm², 25x25mm², 30x30mm², 36x36mm², 45x45mm²
- Two thermo couple sensors (Type K)
- Four PCB magnet holder 40.5mm (standard)
- PCB magnet holder rail 40.5mm
- Foot switch
- Rework ABC and manual

Technical Data

Power Consumption:	2500 VA
Power solder pen:	300 W, 35 l/min
Power underheater:	500-2000 W, 4 x IR-lamps
Effective heating area:	185 x 245 mm ²
Recommended max. PCB size:	200 x 260 mm ²
Mains:	1Phase, 230VAC, fused 16A
Pressurized air:	5-8 bar, 100 l/min clean dry air
Footprint:	660 x 360 mm ²

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Optional Extras

HASX.0008	Report for ES-05 Eco license RP	
LW40.1096	Solder Nozzle Set CSP/QFN for all CSP-types, 4 pieces (9,11, 13, 16)	
LW40.1103	Solder Nozzle Set BGA 4 4 pieces (15, 27, 35, 40)	
LW01.0400	Soldering Tool Set SO (lead free) for all SO ...SOL ...TSOP, 4 pieces	
LWxx.xxx5	Placement Tool Star Tool CSP/QFN for all types of CSP/QFN, your choice	
LWxx.xxx6	Placement Tool Star Tool BGA for all types of BGA, your choice	
DB15.0010	SMD Placement Nozzle 0,5 mm for 0402 etc.	
LW10.0002	CSP Centering Device for Star-Tools (rotates)	
SF01.0100	PCB Clip for large pbc's onto IRF handrest	
SF03.0019	PCB Clamping Holder 40.5 with 3 Fingers für Handy-LPs auf HB-05/IRx/HIF	
SF30.0004	PCB Support 40.5 mm for IRF02/06/07, pcb=1.5mm	
SF30.0005	PCB Support 40.5 mm for IRF02/06/07, pcb=3mm	
LWxx.xxx4	Reballing Oven and Mask for all Types of BGA/CSP, your choice	
VD90.4001	Microscope with Arm and Illumination 5x - 22x (zoom 4,4), 46 - 10mm, 150mm	
HA00.4025	Nitrogen Input for Hot Air 04/05/06 reduces consumption of N2 for vacuum	

Further units and consumables under www.martin-smt.de