

Stud welding units - capacitor discharge stud welding



Series LBS

- very easy operation
- charging voltage continuously adjustable
- very short charging times and thus quick welding sequences through electronically clocked inverter charging board
- indication of all functions by clearly arranged LED
- compact and robust construction

BTH LBS 80

	LBS 80		LBS 80
Welding method		Self protection	
Capacitor discharge	x	Excess temperature	x
Max. welding diameter (mm)		Damage on welding/control cable	x
Capacitor discharge	10	Damage on solenoid	x
Capacitance (µF) [switchable]	90000	Thermic controlled ventilator	x
Charging voltage (V)	60-200	Robust, powder-coated metal housing	x
Welding time (mS)	1-3	Dimensions	
Welding parameter monitoring		Width (mm)	195
Welding parameter monitoring		Height (mm)	260
Welding parameter memory with USB-interface for data transmission to a PC		Length (mm)	400
Electronically clocked inverter charging boards		Weight (kg)	13,5
1 charging board	x	Electric connection	
2 charging boards		Mains supply (V) at 50/60 Hz	230 (115)
Utilisable with adapter box PRO-SPLIT		Mains fuse external	≥ 10 AT
Operation		Protection	IP 21
Micro processor control		Suitable welding guns	
Capacitance switchable		PKM-1B	x
Welding programme storage		PHM-1A	x
Device lock with PIN code		PIM-1B	o
Weld counter (resettable)		PKA-500	
Lift Test		PHA-500	
Repeat cycle lock	x	Control cable socket for welding guns	7-pin
Electronic function control	x		
Self diagnosis system	x		
Automatic function test	x		
Automatic stud feeding			

x - Standard
o - Option