



LBH

STUD WELDING UNITS FOR DRAWN ARC AND SHORT CYCLE STUD WELDING



STUD WELDING TECHNOLOGY BY



STUD WELDING



BOLTE



THERMIC CONTROLLED VENTILATOR

INDICATION OF ALL FUNCTIONS BY CLEARLY ARRANGED LED

ROBUST, POWDER-COATED METAL HOUSING

VERY EASY OPERATION

WELDING TIME CONTINUOUSLY ADJUSTABLE

COMPACT AND ROBUST CONSTRUCTION



SHIELDING GAS MODULE
OPTIONALLY AVAILABLE FOR LBH 710 AND LBH 910

ENABLES STUD WELDING WITH SHIELDING GAS FOR WELD POOL BACKING

SHIELDING GAS PRE- AND POST-FLOW TIME CONTINUOUSLY ADJUSTABLE

AUTOMATIC STUD FEEDING
AN AUTOMATIC MODULE ENABLES THE CONNECTION OF THE AUTOMATIC STUD FEEDER VBZ AND AN AUTOMATIC WELDING GUN



TECHNICAL DATA AND CHARACTERISTICS

	LBH 410	LBH 710	LBH 910
Welding method			
Drawn arc (ceramic ferrule)	x	x	x
Short cycle		x	x
Drawn arc (shielding gas)		o	o
Max. welding diameter (mm)			
Drawn arc (ceramic ferrule)	8	10	12
Short cycle		8	10
Drawn arc (shielding gas)		10	12
Welding current (A)	400	680	900
Welding time (mS)	40 - 350	5 - 950	5 - 950
Operation			
Repeat cycle lock	x	x	x
Electronic function control	x	x	x
Automatic function test	x	x	x
Shielding gas module		o	o
Automatic stud feeding		o	o
Error diagnosis systems			
Excess temperature	x	x	x
Phase failure	x	x	x
Damage on welding/control cable	x	x	x
Damage on solenoid	x	x	x
Thermic controlled ventilator	x	x	x
Robust, powder-coated metal housing	x	x	x
Dimensions			
Width (mm)	195	275	275
Height (mm)	260	260	260
Length (mm)	400	470	470
Weight (kg)	27	37	37
Electric connection			
Mains supply (V) at 50/60 Hz	400 (230/ 460)	400 (230/ 460)	400 (230/ 460)
Mains fuse external	25 AT	25 AT	35 AT
Mains plug CEE	32 A	32 A	32 A
Protection	IP 23	IP 23	IP 23
Control cable socket for welding guns	7-pin	7-pin	7-pin
Suitable welding guns			
PHM-10		x	x
PHM-12	x	x	x
PHM-160		o	o
PHM-161		o	o
GD 16		o	o
PHA-500		o	o
PHA-500-6		o	o

x – Standard, o – Option



Bolte GmbH

Flurstraße 25
D-58285 Gevelsberg

Tel.: +49 (0)2332 55106-0
Fax: +49 (0)2332 55106-11

Ohmstraße 3
D-85221 Dachau

Tel.: +49 (0)8131 5159-0
Fax: +49 (0)8131 5159-11

E-Mail: info@bolte.gmbh



www.bolte.gmbh