



# LBH

STUD WELDING UNITS FOR DRAWN ARC AND SHORT CYCLE 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

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

SHIELDING GAS PRE- AND POST-FLOW  
TIME CONTINUOUSLY ADJUSTABLE



# TECHNICAL DATA AND CHARACTERISTICS

	LBH 410	LBH 710	LBH 910
<b>Welding method</b>			
Drawn arc (ceramic ferrule)	x	x	x
Short cycle		x	x
Drawn arc (shielding gas)		o	o
<b>Max. welding diameter (mm)</b>			
Drawn arc (ceramic ferrule)	8	10	12
Short cycle		8	10
Drawn arc (shielding gas)		10	12
<b>Welding current (A)</b>	400	680	900
<b>Welding time (mS)</b>	40 - 350	5 - 950	5 - 950
<b>Operation</b>			
Repeat cycle lock	x	x	x
Electronic function control	x	x	x
Automatic function test	x	x	x
<b>Shielding gas module</b>		o	o
<b>Automatic stud feeding</b>		o	o
<b>Error diagnosis systems</b>			
Excess temperature	x	x	x
Phase failure	x	x	x
Damage on welding/control cable	x	x	x
Damage on solenoid	x	x	x
<b>Thermic controlled ventilator</b>	x	x	x
<b>Robust, powder-coated metal housing</b>	x	x	x
<b>Dimensions</b>			
Width (mm)	195	275	275
Height (mm)	260	260	260
Length (mm)	400	470	470
Weight (kg)	27	37	37
<b>Electric connection</b>			
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
<b>Control cable socket for welding guns</b>	7-pin	7-pin	7-pin
<b>Suitable welding guns</b>			
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



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