



SCHÖLER + BOLTE



STUD WELDING TECHNOLOGY BY



SCHÖLER + BOLTE

LBH

STUD WELDING UNITS FOR DRAWN ARC AND SHORT CYCLE STUD WELDING



SCHÖLER + 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



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