

# 18.0 V CORDLESS HYDRAULIC PULLER-TYPE HOLE PUNCHING TOOL

## B-FL750

### general features



Max punching Ø mm	Dimensions mm			Battery	Weight kg (with battery)
	length	height	width		
Ø 140	363	366	83	18.0 V 4.0 Ah	5,1



**18.0V**  
**4.0Ah**  
**Li-Ion**



**New**  
**NEW 18V Li-Ion BATTERY**

STORAGE				
Type	Dimensions mm	Weight kg	Supplied with the tool	Purchase separately
VALP40	520x432x126	2,6	✳	—

#### The tool is supplied as:

- Basic tool with battery and shoulder strap
- Spare battery
- Battery charger
- USB cable
- Puller TD-11 • Puller TD-19
- Spiral bit Ø 11,5 mm
- Plastic carrying case suitable for storing the tool and accessories



Next generation of 18.0 V cordless hydraulic tool specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah, while greater punch speed and punching force result from a revitalised hydraulic system with double speed action.

The battery is equipped with LED indicators to show the remaining battery life at any time by pressing the adjacent button. The balanced punching head pivots 180deg through a full 360deg rotation for ease of use in confined spaces. Fitted with a maximum hydraulic pressure valve. Designed with improved balance, B-FL750 is easily manageable dur-

ing the punching process and, by the use of bi-component plastics, has a shell with high resistance to wear and damage. Rubber grip inserts, low noise and minimal vibration aid operator comfort while additional convenience and safety are provided by LED lighting of the working area. For the punch-die selection chart see page 175.

Operating temperature: -15 to +50 ° C



Universal joint allows punching head to pivot 180deg over a full 360deg rotation.

# 18.0 V CORDLESS HYDRAULIC PULLER-TYPE HOLE PUNCHING TOOL



general features

## KIT B-FL750-1

### KIT B-FL750-1

Kit includes:

- B-FL750 cordless hydraulic puller-type hole punching tool
- VALP40 plastic carrying case with accessories

4 KIT for round punch:

• KIT RD18.8SS	Pg11
• KIT RD20.5SS	Pg13,5
• KIT RD22.6SS	Pg16
• KIT RD28.5SS	Pg21

The tool is supplied as:

- Basic tool with battery and shoulder strap
- Spare battery
- Battery charger
- USB cable
- Puller TD-11 • Puller TD-19
- Spiral bit Ø 11,5 mm
- Plastic carrying case suitable for storing the tool and accessories



The Kit includes cordless hydraulic puller-type hole punching tool B-FL750 complete of 4 kit for round punch (Pg11, Pg13,5, Pg16, Pg21) and robust plastic carrying case suitable for storing the tool and accessories.

### PUNCHING ACCESSORIES AVAILABLE

ROUND PUNCH				Material max thickness		Pilot hole Ø (mm)	Code			
Hole diameter		Pg	ISO	Stainless Steel	Mild Steel		KIT (Punch+die)	Punch	Die	Puller
Nominal Ø (mm)	Ø (inch)					GAS				
15,5	.610	Pg9	-	2,5 mm (0,1 in.) Rm= 700 N/mm <sup>2</sup>	3,5 mm (0,14 in.) Rm= 510 N/mm <sup>2</sup>	11,5	RD 15.5SS	P-RD15.5SS	M-RD15.5SS	TD-11
16,2	.638	-	ISO-16							
17,0	.669	-	G3/8"							
17,5	.689	-	-							
18,8	.740	Pg11	-							
19,1	.752	-	-							
20,5	.807	Pg 13,5	ISO-20							
21,5	.846	-	G1/2"							
22,6	.890	Pg16	-							
23,8	.937	-	G5/8"							
25,4	1.000	-	ISO-25							
27,0	1.063	-	G3/4"							
28,5	1.122	Pg21	-							
30,5	1.201	-	G7/8"							
28,5	1.122	Pg 21	-	2,5 mm (0,1 in.) Rm= 700 N/mm <sup>2</sup>	3,5 mm (0,14 in.) Rm= 510 N/mm <sup>2</sup>	20,0	RD 28.5SS-19	P-RD28.5SS-19	M-RD28.5SS-19	TD-19
30,5	1.201	-	G7/8"							
31,8	1.252	-	-							
32,5	1.279	-	ISO-32							
34,0	1.338	-	G1"							
34,6	1.362	-	-							
37,2	1.464	Pg29	-							
38,1	1.500	-	-							
38,5	1.515	-	G1 1/8"							
40,5	1.594	-	ISO-40							
41,3	1.626	-	-							
42,5	1.673	-	G1 1/4"							
43,2	1.701	-	-							
44,5	1.752	-	-							
47,2	1.858	Pg36	-							
48,5	1.909	-	G1 1/2"							
50,5	1.988	-	ISO-50							
51,4	2.023	-	-							
52,4	2.063	-	-							
54,2	2.134	Pg42	G1 3/4"							
60,0	2.362	Pg48	G2"							
60,5	2.381	-	-							
64,0	2.520	-	ISO-63							
65,0	2.559	-	-							
76,0	2.992	-	G2 1/2"							
76,5	3.011	-	-							
80,5	3.169	-	-							
89,0	3.503	-	G3"							
90,0	3.543	-	-							
100,0	3.937	-	-							
102,0	4.015	-	-							
114,0	4.488	-	-							
120,0	4.724	-	-							
140,0	5.512	-	-							

SQUARE PUNCH				Material max thickness (mm)		Pilot hole Ø (mm)	Code (Punch+die + Puller)
Hole size		Stainless Steel	Mild Steel	KIT			
Nominal (mm)	(inch)						
21,0 x 21,0	.827 x .827	2,5	3,5	12,0	RD 21X21		
46,0 x 46,0	1.811 x 1.811	2,0	3,0	22,5	RD 46X46		
68,0 x 68,0	2.677 x 2.677	1,5	2,0		RD 68X68		
92,0 x 92,0	3.622 x 3.622				RD 92X92		
126,0 x 126,0	4.960 x 4.960	1,0	1,5	28,5	RD 126X126		
138,0 x 138,0	5.433 x 5.433				RD 138X138		
220,0 x 220,0	8.661 x 8.661				RD 220X220		

RECTANGULAR PUNCH				Material max thickness (mm)		Pilot hole Ø (mm)	Code (Punch+die + Puller)
Hole size		Stainless Steel	Mild Steel	KIT			
Nominal (mm)	(inch)						
18,0 x 46,0	.709 x 1.811	2,0	16,5	16,5	RD 18X46		
22,0 x 30,0	.866 x 1.181				RD 22X30		
22,0 x 46,0	.866 x 1.811				RD 22X46		
35,0 x 86,0	1.377 x 3.385				RD 35X86		
35,0 x 112,0	1.377 x 4.409	2,0	16,5	26,5	RD 35X112		
36,0 x 46,0	1.417 x 1.811				RD 36X46		
37,0 x 54,0	1.456 x 2.125				RD 37X54		
37,0 x 67,0	1.456 x 2.637				RD 37X67		
37,0 x 88,0	1.456 x 3.464	1,5	26,5	28,5	RD 37X88		
37,0 x 104,0	1.456 x 4.094				RD 37X104		
37,0 x 115,0	1.456 x 4.527				RD 37X115		
46,0 x 54,0	1.811 x 2.126				RD 46X54		
46,0 x 72,0	1.811 x 2.835	1,5	26,5	28,5	RD 46X72		
46,0 x 107,0	1.811 x 4.212				RD 46X107		
50,0 x 98,0	1.968 x 3.858				RD 50X98		
67,0 x 126,0	2.637 x 4.960				RD 67X126		

Stainless Steel = Rm= 700 N/mm<sup>2</sup> - Mild Steel = Rm= 500 N/mm<sup>2</sup>

USE OF NON-CEMBRE PUNCHING ACCESSORIES		
Code	Punch & Die	Pilot hole Ø mm
KIT TRD-9,4C (*)	KLAUKE, GREENLEE 3/8" - 24 UNF	Ø 9.7
KIT TRD-M11C (*)	IMB, BM, COSMEC (M11x1.5)	Ø 11.5
TD-M16C	IMB, BM, COSMEC (M16x1.5)	Ø 16.5 or KIT RD17.5SS
		Ø 27.5
TD27	COSMEC (Ø105-Ø140)	Ø 27.5
TD14X14-M14	COSMEC 46x46	Ø 18.8
TD120X20-M20	COSMEC 92x92	Ø 27.5
TD20X20-M20	BM, COSMEC 42x95	Ø 27.5
KIT TGD-13.5X13.5-M13	COSMEC 40x40; 45x45; 46x46	Ø 18.8
KIT TGD-10X10-M9	COSMEC 066505	Ø 13.8

(\*) The washer supplied with the KIT must be threaded onto the draw stud and positioned between the head and the die to allow the die to rest correctly.

\* Puller included in the kit