

PRODUCT INFORMATION

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Cordless Hydraulic Cutting Tool B-TC4500



Cembre introduces **B-TC4500**, the new version of B-TC04, heralding a significantly advantageous evolution from current models.

General features:

Max cutting Φ [mm]	Dimensions [mm]			Weight [kg]
	Length	Height	Width	
45	486	239	103	6.44

Table 1: Dimensions

The B-TC4500 tool is supplied with:

- Two batteries CB 1840L
- Battery charger ASC 30-36 (geographically specific, see below)
- Shoulder strap
- Plastic carrying case VAL P54 for storing the tool and accessories

B-TC4500 is a cordless hydraulic cutting tool, lightweight and balance for single hand operation. Suitable for cutting Copper, Aluminium, Aldrey, Aluminium-Steel cables, Steel ropes, Aluminium and Steel rods having a max overall diameter of 45 mm.

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action: a more rapid approach of the blade followed automatically by a slower speed for more powerful cutting.

Featuring an automatic safety valve to bypass oil when maximum pressure is reached, B-TC4500 also has a conveniently located pressure release button that is easily operated at any time during the cutting cycle.

The blades are manufactured from high strength Special Steel, heat treated to ensure a long service life while the head's ability to pivot up to 180 degrees makes for ease of use in confined spaces and it can easily be opened to allow cutting of running cables.

Designed with improved handling characteristics, B-TC4500 is easily manageable during the cutting 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.

Flashing work lights and a continuous beep indicate to the operator that B-TC4500 has reached the number of working hours at which ordinary maintenance is recommended. It is also a feature that the operating data is stored on a memory card for transfer to PC by USB interface.

Three versions of B-TC4500 are available, each with a different battery charger to meet national requirements

Area	Tool Part Code (SAP Code)	Charger Part Code (SAP Code)
Europe	B-TC4500 (2599409)	Charger ASC30-36 EU (2598485)
UK and Eire	B-TC4500E (2599418)	Charger ASC30-36 UK (2598486)
USA and Canada	B-TC4500A (2599417)	Charger ASC30-36 USA (2598487)
Australia	B-TC4500T (2599419)	Charger ASC30-36 AUS (2598488)

Table 2: Tool versions

Additional characteristics of the 18 V 4.0 Ah battery:

- Provides 100% of its energy between -15C° and 50°C.
- Electronic control of single cells to avoid overcharging and undercharging.
- AIR-COOLED charging technology to increase battery life.
- Quicker charging time.
- Auto-off to optimise energy consumption.

