

# CEMBRE Knockout Tools

## Hydraulic Punching Tools




Cembre hydraulic punching tools deliver clean, precise holes in stainless steel, mild steel, fiberglass, and plastic sheet materials up to 0.14in thickness. The puller-type hydraulic mechanism generates consistent force through the full punch stroke, producing smooth, burr-free holes. The balanced punching head pivots 180° through a full 360° rotation, giving operators confident access in tight enclosures, panel interiors, and other confined spaces where conventional tools cannot reach. Compatible with the full range of Cembre round, square, and rectangular knockout punches and dies, these tools are professional grade, built to last in demanding applications across electrical, industrial, and fabrication environments.

### Features

- Clean, burr-free holes
- Punches stainless steel, mild steel, fiberglass, and plastic up to 0.14in thickness
- 360-degree adjustable head pivots 180° for use in confined spaces
- Maximum hydraulic pressure valve prevents tool and workpiece overload
- Compatible with all Cembre round, square, and rectangular knockout punches and dies
- Accepts TD-11 (7/16in) and TD-19 (3/4in) draw studs
- Maximum punch diameter of 5.5in
- Battery model has steel internal construction that allows for 30,000 cycles
- Two-speed design allows for quicker operation
- Can punch up to 30mm round hole on included puller—no need to punch smaller hole first
- Battery-powered tools have built-in SMARTOOL technology that records operating data and can be transferred to a computer via the included USB cable
  - Software available for download



**BFL750NDA**

Hydraulic Punching Tools Specifications						
Part Number	Product Image	Item	Pulling Force	Voltage	Includes	Price
<b><u>HT-FL75</u></b>		Manual hydraulic driver	75 kN (16,860 lbf)	—	(2) pullers (TD-11 and TD-19) and 0.45in spiral bit	\$1,200.00
<b><u>BFL750NDA</u></b>		Battery hydraulic driver	80 kN (17,985 lbf)	18 VDC	(2) 2.0 Ah batteries, battery charger, USB cable, (2) pullers (TD-11 and TD-19), 0.45in spiral bit, and shoulder strap	\$2,500.00
<b><u>BFL750NDW-WCB</u></b>		Battery hydraulic driver	80 kN (17,985 lbf)	18 VDC	USB cable, (2) pullers (TD-11 and TD-19), 0.45in spiral bit, and shoulder strap	\$1,900.00

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## Overview

Cembre hydraulic knockout punching tools and accessories deliver clean, precise holes in steel, stainless steel, fiberglass, and plastic sheet materials — no grinding or deburring required. The puller-type hydraulic mechanism generates consistent force through the full punch stroke, producing smooth, burr-free results every time. The 360-degree adjustable punching head pivots 180°, giving operators confident access in tight enclosures and confined panel interiors where conventional tools cannot reach.

The Cembre punching system is fully modular. Manual and battery-powered hydraulic drivers share a common draw stud thread system, ensuring complete compatibility across the entire range of round, square, and rectangular knockout punches and dies. Round punches cover PG, ISO, trade size conduit, and metric standards from 15.5mm to 50.5mm. Square and rectangular punches are available in standard DIN sizes as well as sizes fitted to other panel components. Whether your operation involves routine panel modifications or high-volume production punching, Cembre's professional-grade punching tools deliver the long-lasting performance industrial environments demand.

Cembre Knockout Tools	
Category	Description
Hydraulic punching tools	Manual and battery-powered hydraulic drivers, 75–80 kN pulling force, 360-degree adjustable head
Round knockout punches	15.5mm to 50.5mm, covering PG, ISO, trade size conduit, and metric standards
Square knockout punches	1/16 DIN, 68x68mm, and 1/4 DIN standard panel cutouts
Rectangular knockout punches	DIN and metric dimensions for various panel components
Draw studs	7/16in and 3/4in thread sizes for use with all Cembre round punches and tools
Batteries and charger	18 VDC lithium-ion replacement batteries (2.0 Ah and 5.2 Ah) and ASC55 charger

