

HYDRAULIC CRIMPING TOOLS

Performance under Pressure

HYDRAULIC CRIMPING TOOLS



Type **CB - CH - CM**

Capacity **5 - 100 Tn**

Max. pressure **700 bar**



- ✓ Models up to 20 Tn: Hydraulic compression tools for low voltage terminals and sleeves.
- ✓ Models from 50 to 100 Tn: Hydraulic compression tools for medium and high voltage aluminium and steel terminals and sleeves.
- ✓ Three types of hydraulic crimping tools are available: self contained (CM), battery powered (CB) or crimping head only (CH).
- ✓ With audible safety valve to limit the crimping force. Models up to 20 Tn.
- ✓ Maximum working pressure 700 bar, except CB005 model: 450 bar.
- ✓ Dies are interchangeable between models of the same capacity. Dies are not included in the tool. Order them indicating the required section and material.
- ✓ Box included for easy transport and tool protection.



Self Contained CM



Crimping Head CH



Battery Powered CB

CRIMPING HEADS

- ✓ CH, hydraulic compression head, with AZ3321 quick coupler to connect to a hydraulic pump with a maximum working pressure of 700 bar.
- ✓ Models from 5 to 100 Tn.
- ✓ CH050D and CH100D are double acting models.
- ✓ Applications for 50 and 100 Tn models:
Compression clamps and sleeves for:
Aluminium conductors steel reinforced (ACSR),
Aluminium conductors (AAC),
Aluminium alloy conductors (AAAC),
Aluminium conductors alloy reinforced (ACAR).

Capacity		Model	Oil Cap.	Stroke	ø max. connector	Dimensions	Weight
Tn	kN	LARZEP	cm ³	mm	mm	mm	kg
5	55	CH005	50	15	25	185 x 75	1,5
12	120	CH012	50	25	35	240 x 85	2,7
		CH012C	50	25	35	225 x 130	3,2
20	200	CH020	50	45	58	345 x 140	8,5
50	500	CH050	303	38	60	350 x ø140	17,0
		CH050D	303	38	60	350 x ø140	17,0
100	1.000	CH100	314	22	75	365 x ø190	40,0
		CH100D	314	22	75	365 x ø190	40,0



SELF-CONTAINED CRIMPING TOOLS

- ✓ CM, hydraulic compression tool with integral pump.
- ✓ Models from 5 to 20 Tn.
- ✓ With 180° rotating head.
- ✓ CM005 model lightweight and compact. Ideal for use in confined spaces.
- ✓ CM012 model, suitable for deep indenting underground lines (16 - 240 mm²), as well as other general compression applications. Adaptors available.
- ✓ Two-stage CM012C model, a fast speed for terminal fixing and a slow one for the crimping action.

Capacity		Model	Stroke	ø max. connector	Dimensions	Weight
Tn	kN	LARZEP	mm	mm	mm	kg
5	55	CM005	15	25	350 x 120	2,4
12	120	CM012	25	35	480 x 160	4,3
		CM012C	25	35	470 x 160	5,5



HYDRAULIC CRIMPING TOOLS



Type **CB - CH - CM**

Capacity **5 - 100 Tn**

Max. pressure **700 bar**

BATTERY POWERED CRIMPING TOOLS

- ✓ CB, electro hydraulic portable tool with rechargeable battery and quick retract mechanism.
- ✓ Models from 5 to 20 Tn.
- ✓ With 180° rotating head.
- ✓ Two-stage CB012 model, suitable for deep indenting underground lines (16 - 240 mm²), as well as other general compression applications. Adaptors available.
- ✓ Supplied with 2 batteries 18V - 4 A·h, 1 charger and 1 safety belt.



Capacity		Model	Oil Cap.	Stroke	ø max. connector	Dimensions	Weight
Tn	kN	LARZEP	cm ³	mm	mm	mm	kg
5	55	CB005	100	16	25	315 x 230	3,4
12	120	CB012	100	25	35	350 x 280	6,4
		CB012C	100	25	35	380 x 280	6,6

Battery (Ref. CBB)				Charger (Ref. CBC)	
Voltage	Li-ion	Battery Life	Max. compression duration	Input	Output
18V	4 Ah	91 compressions (Cu 150mm ²)	CB005: 6 sec. - CB012: 11 sec. CB012C: 10 sec.	100 - 240 VAC 50 - 60 Hz	18 VDC 4 Ah

MAXIMUM SECTION FOR APPLICATIONS

Model	Sleeves and preinsulated terminals				Sleeves and terminals
	MJPT	MJB	CPTA	CPTAU	Standard Cu
LARZEP	mm ² (mcm)	mm ²	mm ² (mcm)	mm ² (mcm)	mm ² (mcm)
CM005 - CH005	150 (350)	25 (#2)	150 (350)	150 (350)	240 (500)
CB005	150 (350)	25 (#2)	150 (350)	150 (350)	240 (500)
CB012, CH012, CM012	150 (350)	25 (#2)	150 (350)	150 (350)	400 (750)
CB012C, CH012C, CM012C	150 (350)	25 (#2)	150 (350)	150 (350)	400 (750)
CH020	150 (350)	25 (#2)	150 (350)	150 (350)	630 (1.250)

