

Tool TRENDS

Electrics

SIMPLY CUT & CRIMP SAFELY

With our CimCut'n'Press series



Verifiable quality: a requirement which makes the work carried out and a product for the customer more valuable. In electrical connection technology the newest generation of battery-powered hydraulic units and cutting tools provides this safety – with the newest technology, best processing, reproducible operating times, and a longer tool life.

The optimised dimensions and centres of gravity make work more comfortable, even in places that are difficult to access.



HIGHLIGHTS:



Every tool incl. 2 batteries

The batteries are compatible with charging system for DeWalt XR series



No annual service required



Service cycle only after 20,000 activations



Optimal lighting with LED function light



USB interface for data analysis and control

With readout software to download under "Downloads at www.cimco.de"

OTHER FEATURES:

- Ergonomic design
- Automatic idle mode
- Robust 2-component housing
- Optimised centre of gravity allowing you to work without tiring
- Motor with quick stop
- High performance 18 V Li-Ion battery with fast charge
- Lockable, ergonomic activation switch
- Clear LED display for charging battery, crimping errors, and maintenance control
- Pressure safety system to prevent over-pressure errors
- Energy-saving function through automatic switch-off after 10 min. (if not in use)
- Safety support ring for shoulder strap

Rod-shaped crimping tools

Special details:

- Crimping head can be rotated by 180°
- Replaceable crimping inserts
- Max. processing speed thanks to high powered motor
- Automatic return after crimping completed

CimPress 185

Open C-shaped crimping head

Crimping force:	62 kN
Stroke / width of opening:	17 mm
Crimping area:	6 – 185 mm ²
Crimping time (depending on CS):	8 – 9 s
Battery voltage:	18 V
Battery capacity:	2.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	3,300 g
Dimensions (L x W x H):	390 x 75 x 128 mm
Working range:	-10 °C to +50 °C

CIMCO-item no. 10 6650



CimPress 300

Crimping head with quick release

Crimping force:	62 kN
Stroke / width of opening:	13 mm
Crimping area:	6 – 300 mm ²
Crimping time (depending on CS):	8 – 9 s
Battery voltage:	18 V
Battery capacity:	2.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	3,300 g
Dimensions (L x W x H):	390 x 75 x 128 mm
Working range:	-10 °C to +50 °C

CIMCO-item no. 10 6652



All CimCut'n'Press tools are supplied in a stable, high quality case.

Pistol-shaped crimping tools

Special details:

- Crimping head can be rotated by 360°
- Replaceable crimping inserts
- 2-step hydraulics for high-speed feed
- Manual return after crimping completed

CimPress 400 C

Open C-shaped crimping head

Crimping force:	130 kN
Stroke / width of opening:	26 mm
Crimping area:	10 – 400 mm ²
Crimping time (depending on CS):	8 – 9 s
Battery voltage:	18 V
Battery capacity:	5.0 Ah Li-Ion
Battery charging time:	60 min.
Weight incl. battery:	7,000 g
Dimensions (L x W x H):	430 x 310 x 75 mm
Working range:	-10 °C to +50 °C

CIMCO-item no. 10 6665



CimPress 400 H

H-shaped open crimping head

Crimping force:	130 kN
Stroke / width of opening:	38 mm
Crimping area:	10 – 400 mm ²
Crimping time (depending on CS):	8 – 9 s
Battery voltage:	18 V
Battery capacity:	5.0 Ah Li-Ion
Battery charging time:	60 min.
Weight incl. battery:	6,000 g
Dimensions (L x W x H):	415 x 310 x 75 mm
Working range:	-10 °C to +50 °C

CIMCO-item no. 10 6658



EXPERT TIP

The ability to verify electrical connections to ensure functionality is becoming increasingly important to builders and operators of electrical systems. A temporary malfunction of a system due to faulty crimping can result in significant economic as well as object-related damage. A state-of-the-art battery-operated hydraulic crimping tool measures, tests, and monitors the crimping processes so that the user can keep a log of all connections on a daily basis.

This means that a machine-based error is virtually ruled out. The cutting tools on a battery-powered hydraulic basis also offers handling advantages. Particularly with frequent cutting, they make regular use easier for the user. With coordinated cutting geometries, the best possible cutting results can be achieved with all diameters. This makes the next work step after cutting much easier.

Rod-shaped cutting tools

Special details:

- Cutting head can be rotated by 180°
- Max. processing speed thanks to high powered motor
- Manual return after cut completed

CimCut 25

Guillotine-shaped cutting head

Cutting force:	55 kN
For cutting:	Steel cables up to \varnothing 16 mm, Cu/Al cable up to \varnothing 22 mm, Al solid up to \varnothing 25 mm, Cu solid up to \varnothing 22 mm, steel rods up to \varnothing 14 mm, stainless steel cables up to \varnothing 10 mm
Max. cutting diameter:	25 mm
Cutting time (depending on CS):	6 – 8 s
Battery voltage:	18 V
Battery capacity:	2.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	3,300 g
Dimensions (L x W x H):	400 x 75 x 150 mm
Working range:	-10 °C to +50 °C



CIMCO-item no. 10 6660



Pistol-shaped cutting tools

Special details:

- Cutting head can be rotated by 360°
- 2-step hydraulics for high-speed feed
- Manual return after cut completed

CimCut 35

Guillotine-shaped cutting head

Cutting force:	88 kN
For cutting:	Cu cable up to \varnothing 32 mm, Al cable up to \varnothing 40 mm, ACSR cable up to \varnothing 31.5 mm, steel cables up to \varnothing 11.5 mm, Al solid up to \varnothing 40 mm, Cu solid up to \varnothing 32 mm, steel rods up to \varnothing 20 mm
Max. cutting diameter:	40 mm
Cutting time (depending on CS):	10 – 12 s
Battery voltage:	18 V
Battery capacity:	5.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	7,600 g
Dimensions (L x W x H):	430 x 310 x 75 mm
Working range:	-10 °C to +50 °C

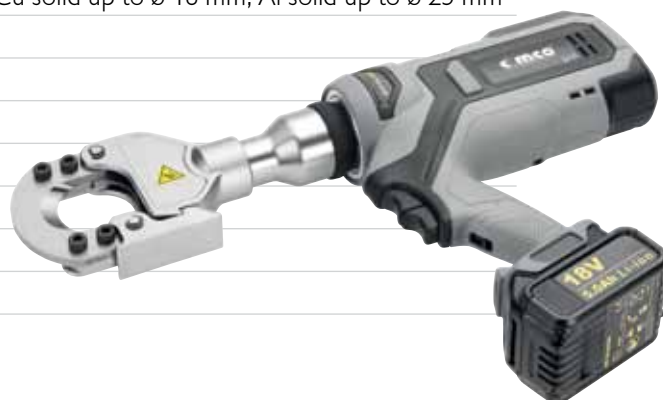


CIMCO-item no. 10 6664

CimCut 55

Guillotine-shaped cutting head

Cutting force:	43 kN
For cutting:	Fine-stranded Cu cable up to \varnothing 32 mm, ground cable Cu/Al up to \varnothing 51 mm, telecom cable up to \varnothing 55 mm, Cu solid up to \varnothing 18 mm, Al solid up to \varnothing 25 mm
Max. cutting diameter:	55 mm
Cutting time (depending on CS):	10 – 12 s
Battery voltage:	18 V
Battery capacity:	5.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	6,600 g
Dimensions (L x W x H):	500 x 310 x 75 mm
Working range:	-10 °C to +50 °C



CIMCO-item no. 10 6666

CimCut 65

Open cutting head

Cutting force:	43 kN
For cutting:	Cu/Al cable up to \varnothing 65 mm
Max. cutting diameter:	65 mm
Cutting time (depending on CS):	10 – 12 s
Battery voltage:	18 V
Battery capacity:	5.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	7,600 g
Dimensions (L x W x H):	530 x 310 x 75 mm
Working range:	-10 °C to +50 °C



CIMCO-item no. 10 6668

CimCut 85

Guillotine-shaped cutting head

Cutting force:	55 kN
For cutting:	Cu/Al cable up to \varnothing 85 mm
Max. cutting diameter:	85 mm
Cutting time (depending on CS):	10 – 12 s
Battery voltage:	18 V
Battery capacity:	5.0 Ah Li-Ion
Battery charging time:	30 min.
Weight incl. battery:	9,100 g
Dimensions (L x W x H):	530 x 310 x 75 mm
Working range:	-10 °C to +50 °C



CIMCO-item no. 10 6670



Hydraulic System GENiUS 2.0

One basic tool, revolutionary possibilities – now in improved design with modified return valve!
With the interchangeable head system, a wide variety of applications can be carried out with only one device and in professional quality.

The basic tool is one of the smallest and lightest 60 kN battery-powered hydraulic units of its kind on the global market. For the first time, it is possible to carry out the following applications with a single device:

- Crimping up to 300 mm² DIN compression cable lugs
- Cutting up to a \varnothing of 50 mm (corresponds to 4 x 120 mm²)
- Hole-punching up to a size of \varnothing ISO 63 or square punching 92 x 92 mm

Battery-powered hydraulic crimping and cutting tool GENiUS 2.0

consisting of:

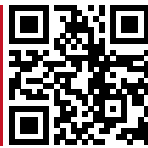
battery-operated hydraulic basic tool, carrying case, battery charger and two batteries

Crimping head up to 300 mm²

Cutting head up to \varnothing 50 mm



You will find more information
in the video and in our main
catalogue.



CIMCO-item no. 10 6330

Interchangeable heads GENiUS 2.0

Crimping head

up to 300 mm²

Crimping inserts suitable for e.g. CIMCO-item no. 10 5701

Weight: 1,600 g



CIMCO-item no. 10 6301

Four-mandrel crimping head

for crimping cable lugs and connectors up to 300 mm² without inserts

Weight: 2,600 g



CIMCO-item no. 10 6340

Cutting head

for Cu and Al cable up to max. \varnothing 50 mm (e.g. 4 x 120 mm² NYY)

Weight: 2,150 g



CIMCO-item no. 10 6332

Hole punching head

up to a size of \varnothing ISO 63 or square punching 92 x 92 mm

Tension bolts and receptacle thread correspond to the CIMCO screw puncher range

Weight: 1,600 g



CIMCO-item no. 10 6308

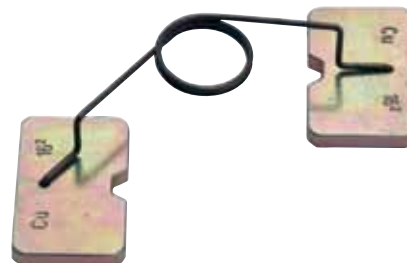
Accessories

Crimping inserts for the tools 10 1867 and 10 6650

for tubular cable lugs and connectors "standard design"

Hexagonal crimp, crimp width 5 mm

Design mm ²		PU	Item no.
6		1 Pair	10 5300
10		1 Pair	10 5302
16		1 Pair	10 5304
25		1 Pair	10 5306
35		1 Pair	10 5308
50		1 Pair	10 5310
70		1 Pair	10 5312
95		1 Pair	10 5314
120		1 Pair	10 5316
150		1 Pair	10 5318
185		1 Pair	10 5320



for compression cable lugs and compression connectors DIN 46235/46267

Hexagonal crimp, crimp width 5 mm

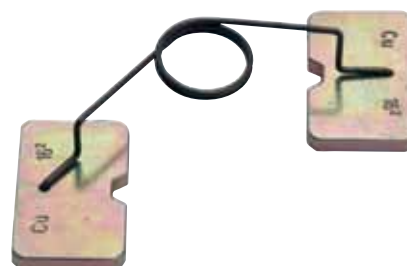
Design mm ²	Index according to DIN	PU	Item no.
6	5	1 Pair	10 5330
10	6	1 Pair	10 5332
16	8	1 Pair	10 5334
25	10	1 Pair	10 5336
35	12	1 Pair	10 5338
50	14	1 Pair	10 5340
70	16	1 Pair	10 5342
95	18	1 Pair	10 5344
120	20	1 Pair	10 5346
150	22	1 Pair	10 5348
185	25	1 Pair	10 5350



for aluminium cable lugs and connectors DIN 46329 and similar

hexagonal crimp, crimp width 7 mm

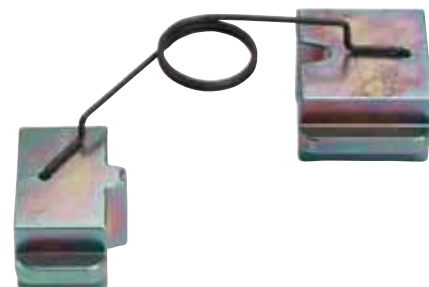
Design mm ²	Index according to DIN	PU	Item no.
10	10	1 Pair	10 5360
16-25	12	1 Pair	10 5362
35	14	1 Pair	10 5364
50	16	1 Pair	10 5366
70	18	1 Pair	10 5368
95-120	22	1 Pair	10 5370
150	25	1 Pair	10 5372
185	28	1 Pair	10 5374



Crimping inserts for the tools 10 1867 and 10 6650

for rounding of single-stranded (se) and multi-stranded (sm) Al and Cu sector-shaped conductors, for 3 and 4 sector-shaped conductors (120° and 90°)
Rounding width 19.5 mm

Design mm ² sm	Index according to DIN se	PU	Item no.
10	-	1 Pair	10 5392
16	-	1 Pair	10 5394
25	35	1 Pair	10 5396
35	50	1 Pair	10 5398
50	70	1 Pair	10 5400
70	95	1 Pair	10 5402
95	120	1 Pair	10 5404
120	150	1 Pair	10 5406
150	185	1 Pair	10 5408
185	240	1 Pair	10 5410



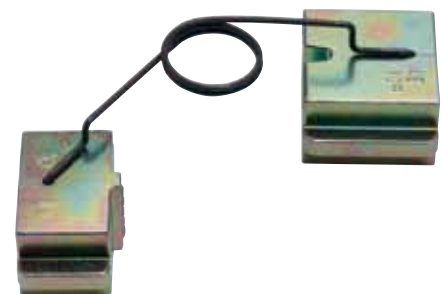
for crimping cable lugs DIN 46234 and pin-type cable lugs DIN 46230
Indent crimp

Design mm ²	PU	Item no.
10	1 Pair	10 5442
16	1 Pair	10 5444
25	1 Pair	10 5446
35	1 Pair	10 5448
50	1 Pair	10 5450
70	1 Pair	10 5452
95	1 Pair	10 5454



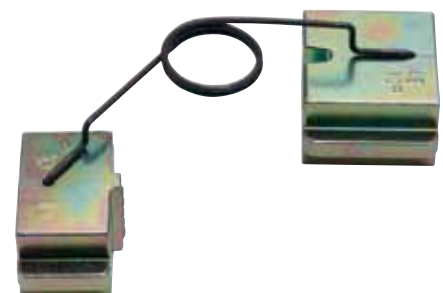
for wire end ferrules
Trapezoid crimp, crimping width 20 mm

Design mm ²	PU	Item no.
10	1 Pair	10 5462
16	1 Pair	10 5464
25	1 Pair	10 5466
35	1 Pair	10 5468
50	1 Pair	10 5470
70	1 Pair	10 5472
95	1 Pair	10 5474



for twin wire end ferrules
Trapezoid crimp, crimping width 20 mm

Design mm ²	PU	Item no.
2 x 4	1 Pair	10 5480
2 x 6	1 Pair	10 5482
2 x 10	1 Pair	10 5484
2 x 16	1 Pair	10 5486



Crimping inserts for tools 10 1868, 10 6321, 10 6330 and 10 6652

for tubular cable lugs and connectors "standard design"

Hexagonal crimp, crimp width 5 mm

Design mm ²		PU	Item no.
6		1 Pair	10 5711
10		1 Pair	10 5712
16		1 Pair	10 5713
25		1 Pair	10 5714
35		1 Pair	10 5715
50		1 Pair	10 5716
70		1 Pair	10 5717
95		1 Pair	10 5718
120		1 Pair	10 5719
150		1 Pair	10 5720
185		1 Pair	10 5721
240		1 Pair	10 5722
300		1 Pair	10 5723



for tubular cable lugs and connectors "standard design"

WM-crimping, for compressed, multi-stranded or thinned-out, finely stranded conductors, crimp width 5 mm

Design mm ²		PU	Item no.
6		1 Pair	10 5670
10		1 Pair	10 5672
16		1 Pair	10 5674
25		1 Pair	10 5676
35		1 Pair	10 5678
50		1 Pair	10 5680
70		1 Pair	10 5682
95		1 Pair	10 5684
120		1 Pair	10 5686
150		1 Pair	10 5688
185		1 Pair	10 5690
240		1 Pair	10 5692
300		1 Pair	10 5694



Crimping inserts for tools 10 1868, 10 6321, 10 6330 and 10 6652

for compression cable lugs and compression connectors DIN 46235/46267

Hexagonal crimp, crimp width 5 mm

Design mm ²	Index according to DIN	PU	Item no.
6	5	1 Pair	10 5730
10	6	1 Pair	10 5731
16	8	1 Pair	10 5732
25	10	1 Pair	10 5733
35	12	1 Pair	10 5734
50	14	1 Pair	10 5735
70	16	1 Pair	10 5736
95	18	1 Pair	10 5737
120	20	1 Pair	10 5738
150	22	1 Pair	10 5739
185	25	1 Pair	10 5740
240	28	1 Pair	10 5741
300	32	1 Pair	10 5742



for aluminium cable lugs and connectors DIN 46329 and similar

Hexagonal crimp, crimp width 7 mm

Design mm ²	Index according to DIN	PU	Item no.
10	10	1 Pair	10 5784
16-25	12	1 Pair	10 5785
35	14	1 Pair	10 5786
50	16	1 Pair	10 5787
70	18	1 Pair	10 5788
95-120	22	1 Pair	10 5789
150	25	1 Pair	10 5790
185	28	1 Pair	10 5791
240	32	1 Pair	10 5792
300	34	1 Pair	10 5793



for rounding of single-stranded (se) and multi-stranded (sm) Al and Cu sector-shaped conductors, for 3 and 4 sector-shaped conductors (120° and 90°)

Rounding width 19.5 mm

Design mm ²	Index according to DIN	PU	Item no.
sm	se		
10	-	1 Pair	10 5749
16	-	1 Pair	10 5750
25	35	1 Pair	10 5751
35	50	1 Pair	10 5752
50	70	1 Pair	10 5753
70	95	1 Pair	10 5754
95	120	1 Pair	10 5755
120	150	1 Pair	10 5756
150	185	1 Pair	10 5757
185	240	1 Pair	10 5758
240	300	1 Pair	10 5759



Crimping inserts for tools 10 1868, 10 6321, 10 6330 and 10 6652

for crimping cable lugs DIN 46234 and pin-type cable lugs DIN 46230

Indent crimp

Design mm ²		PU	Item no.
10		1 Pair	10 5760
16		1 Pair	10 5761
25		1 Pair	10 5762
35		1 Pair	10 5763
50		1 Pair	10 5764
70		1 Pair	10 5765



for wire end ferrules

Trapezoid crimp, crimping width 20 mm

Design mm ²		PU	Item no.
10		1 Pair	10 5770
16		1 Pair	10 5771
25		1 Pair	10 5772
35		1 Pair	10 5773
50		1 Pair	10 5774
70		1 Pair	10 5775
95		1 Pair	10 5776
120		1 Pair	10 5777
150		1 Pair	10 5778
185		1 Pair	10 5779
240		1 Pair	10 5799



for twin wire end ferrules

Trapezoid crimp, crimping width 20 mm

Design mm ²		PU	Item no.
2 x 4		1 Pair	10 5780
2 x 6		1 Pair	10 5781
2 x 10		1 Pair	10 5782
2 x 16		1 Pair	10 5783



Crimping inserts for tools 10 6665 and 10 6658

for tubular cable lugs and connectors "standard design"

Hexagonal crimp, wide crimping (exception: 300 and 400 mm² / 7 mm)

Design mm ²	PU	Item no.
10	1 Pair	10 5802
16	1 Pair	10 5804
25	1 Pair	10 5806
35	1 Pair	10 5808
50	1 Pair	10 5810
70	1 Pair	10 5812
95	1 Pair	10 5814
120	1 Pair	10 5816
150	1 Pair	10 5818
185	1 Pair	10 5820
240	1 Pair	10 5822
300	1 Pair	10 5824
400	1 Pair	10 5826



for compression cable lugs and compression connectors DIN 46235/46267

Hexagonal crimp, wide crimping (exception: 240 and 300 mm² / 7 mm)

Design mm ²	Index according to DIN	PU	Item no.
10	6	1 Pair	10 5830
16	8	1 Pair	10 5832
25	10	1 Pair	10 5834
35	12	1 Pair	10 5836
50	14	1 Pair	10 5838
70	16	1 Pair	10 5840
95	18	1 Pair	10 5842
120	20	1 Pair	10 5844
150	22	1 Pair	10 5846
185	25	1 Pair	10 5848
240	28	1 Pair	10 5850
300	32	1 Pair	10 5852
400	34	1 Pair	10 5854



for aluminium cable lugs and connectors DIN 46329 and similar

Hexagonal crimp, wide crimping

Design mm ²	Index according to DIN	PU	Item no.
10	10	1 Pair	10 5860
16-25	12	1 Pair	10 5862
35	14	1 Pair	10 5864
50	16	1 Pair	10 5866
70	18	1 Pair	10 5868
95-120	22	1 Pair	10 5870
150	25	1 Pair	10 5872
185	28	1 Pair	10 5874
240	32	1 Pair	10 5876
300	34	1 Pair	10 5878



Crimping inserts for tools 10 6665 and 10 6658

for rounding of single-stranded (se) and multi-stranded (sm) Al and Cu sector-shaped conductors, for 3 and 4 sector-shaped conductors (120° and 90°)
Rounding width 35 mm

Design mm ² sm	Index according to DIN se	PU	Item no.
10	-	1 Pair	10 5892
16	-	1 Pair	10 5894
25	35	1 Pair	10 5896
35	50	1 Pair	10 5898
50	70	1 Pair	10 5900
70	95	1 Pair	10 5902
95	120	1 Pair	10 5904
120	150	1 Pair	10 5906
150	185	1 Pair	10 5908
185	240	1 Pair	10 5910
240	300	1 Pair	10 5912
300	-	1 Pair	10 5914



for crimping cable lugs DIN 46234 and pin-type cable lugs DIN 46230
Indent crimp

Design mm ²	PU	Item no.
16	1 Pair	10 5942
25	1 Pair	10 5944
35	1 Pair	10 5946
50	1 Pair	10 5948
70	1 Pair	10 5950
95	1 Pair	10 5952
120	1 Pair	10 5954
150	1 Pair	10 5956



for wire end ferrules
Trapezoid crimp, crimping width 20 mm

Design mm ²	PU	Item no.
10	1 Pair	10 5962
16	1 Pair	10 5964
25	1 Pair	10 5966
35	1 Pair	10 5968
50	1 Pair	10 5970
70	1 Pair	10 5972
95	1 Pair	10 5974
120	1 Pair	10 5976
150	1 Pair	10 5978
185	1 Pair	10 5980
240	1 Pair	10 5982





Making connections systematically – you will find the right connecting materials in our brochure.



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