

## Hand tool with interchangeable dies

### Crimping of non insulated products and end sleeves

#### Hand tool with interchangeable dies

- Can be used with all dies described below

#### General features

- PVC insulated handles
- Safety rack
- Length: 250 mm
- Weight: 0.480 Kg



Item code	Part number
7 500 064	061147

#### Interchangeable dies

##### Item code : 7 513 042 / Part number : RQ 0560

- Indent crimping of non insulated brazed terminals, copper tubular lugs and connectors from 0.5 to 6 mm<sup>2</sup>, NF C 20-130 and CLASSIC series.

##### Item code : 7 513 043 / Part number : RQ 10

- Indent crimping of non insulated brazed terminals, copper tubular lugs and connectors of 10 mm<sup>2</sup>, NF C 20-130 and CLASSIC series.

##### Item code : 7 513 044 / Part number : RQ 16

- Indent crimping of non insulated brazed terminals, copper tubular lugs and connectors of 16 mm<sup>2</sup>, NF C 20-130 and CLASSIC series.

##### Item code : 7 513 046 / Part number : RK 1060

- Hexagonal crimping of non insulated copper tubular lugs and connectors from 1 to 6 mm<sup>2</sup>, NF C 20-130 and CLASSIC series.

##### Item code : 7 513 045 / Part number : RP 0560

- Crimping of non insulated terminals and disconnects from 0.5 to 6 mm<sup>2</sup>.

##### Item code : 7 513 050 / Part number : RP 0421S

- Crimping of non insulated flag receptacles from 0.25 to 1.5 mm<sup>2</sup>.

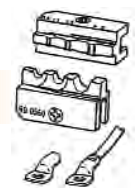
##### Item code : 7 513 039 / Part number : AH 2560

- Crimping of end sleeves from 0.25 to 6 mm<sup>2</sup>.

##### Item code : 7 513 065 / Part number : AH 6016

- Crimping of 6, 10 and 16 mm<sup>2</sup> end sleeves.

0.5 to 6 mm<sup>2</sup>



10 mm<sup>2</sup>



16 mm<sup>2</sup>



1 to 6 mm<sup>2</sup>



0.5 to 6 mm<sup>2</sup>



0.5 to 1.5 mm<sup>2</sup>



0.25 to 6 mm<sup>2</sup>



6, 10 and 16 mm<sup>2</sup>



## Pneumatic crimping tooling

### Crimping of preinsulated or non insulated products

#### Pneumatic jack

- Can be used either with T2 head for preinsulated products or T-WDT head with interchangeable dies (see below)

#### General features

- Working pressure: 7 bars
- Air consumption: 400 - 600 cm<sup>3</sup>
- Length: 270 mm
- Diameter: 45 mm
- Weight: 0.750 Kg
- Complementary equipment:
- TAP-92: support for stationary work function with foot control



Item code	Part number
7 513 037	AIR-O/VS

#### Crimping head

- Crimping head for preinsulated products from 0.34 to 6 mm<sup>2</sup>

#### General features

- 3 crimping indents (red, blue, yellow)
- Double indent dies enabling crimping and binding in only one operation
- Standard stopper for terminals and disconnects

Item code	Part number
7 513 035	T 2



0.34 to 6 mm<sup>2</sup>



#### Crimping head

- Crimping head with interchangeable dies

#### General features

- Single head receiving all dies below

Item code	Part number
7 513 041	T-WDT



#### Interchangeable dies

**Item code : 7 513 042 / Part number : RQ 0560**

- Indent crimping of non insulated brazed terminals, copper tubular lugs and connectors from 0.5 to 6 mm<sup>2</sup>, NF C 20-130 and CLASSIC series

**Item code : 7 513 043 / Part number : RQ 10**

- Indent crimping of non insulated brazed terminals, copper tubular lugs and connectors of 10 mm<sup>2</sup>, NF C 20-130 and CLASSIC series

**Item code : 7 513 044 / Part number : RQ 16**

- Indent crimping of non insulated brazed terminals, copper tubular lugs and connectors of 16 mm<sup>2</sup>, NF C 20-130 and CLASSIC series

**Item code : 7 513 046 / Part number : RK 1060**

- Hexagonal crimping of non insulated copper tubular lugs and connectors from 1 to 6 mm<sup>2</sup>, NF C 20-130 and CLASSIC series

**Item code : 7 513 039 / Part number : AH 2560**

- Crimping of end sleeves from 0.25 to 6 mm<sup>2</sup>

**Item code : 7 513 065 / Part number : AH 6016**

- Crimping of 6, 10 and 16 mm<sup>2</sup> end sleeves



0.5 to 6 mm<sup>2</sup>



10 mm<sup>2</sup>



16 mm<sup>2</sup>



1 to 6 mm<sup>2</sup>



0.25 to 6 mm<sup>2</sup>



6, 10 and 16 mm<sup>2</sup>

## Pneumatic compression tool

### Crimping of preinsulated products, end sleeves and non insulated disconnects, ...

Pneumatic compression tool for crimping of preinsulated products, end sleeves and non insulated disconnects, ...

- Universal pneumatic compression tool designed to:
  - Crimping loose connections (insulated, end sleeves, non insulated, etc.)
  - Other crimping or applications: cutting, punching... consult us

#### General features

- Power: 12 KN
- Working pressure: 6 bars
- Quick change die system
- Safety guard
- Stroke: 38 mm
- **CE**
- Weight: 16 kg

Item code	Part number
7513019	S1200T



CE



#### Interchangeable dies

Dies for end sleeves from 0.5 to 16 mm<sup>2</sup>

Item code	Part number
7 513 030	D200

Dies for preinsulated connexions red, blue, yellow

Item code	Part number
7 513 032	D300R

Locator for D300R die

Item code	Part number
7 513 010	BPD300R

Dies for non insulated disconnects from 0.5 to 6 mm<sup>2</sup>

Item code	Part number
7 513 029	D100



Other dies, consult us.

## Mechanical hand tools

### Crimping of non insulated brazed terminals, copper tubular lugs and sleeves

#### Indent crimping hand tool

- Indent crimping from 0.5 to 10 mm<sup>2</sup> brazed terminals, tubular lugs and connectors NF C 20-130 and CLASSIC series

0.5 to 10 mm<sup>2</sup>



##### General features

- PVC insulated handles
- Safety rack
- Length: 260 mm
- Weight: 0.380 Kg

Item code	Part number
7 500 067	MB524



#### Indent crimping hand tool

- Indent crimping from 6 to 25 mm<sup>2</sup> brazed terminals, tubular lugs and connectors NF C 20-130 and CLASSIC series

6 to 25 mm<sup>2</sup>



##### General features

- PVC insulated handles
- Safety rack
- Length: 340 mm
- Weight: 0.660 Kg

Item code	Part number
7 500 056	MB526



#### Indent crimping hand tool

- Indent crimping from 10 to 70 mm<sup>2</sup> tubular lugs, NF C 20-130 and CLASSIC, PR preinsulated terminals series

10 to 70 mm<sup>2</sup>



##### General features

- Industrial type with die adjusted by screw
- Length: 460 mm
- Weight: 2 Kg

For non insulated tubular lugs from 6 to 70 mm<sup>2</sup>

Item code	Part number
7 501 681	MY70M

For preinsulated tubular lugs from 10 to 70 mm<sup>2</sup>

Item code	Part number
7 501 682	MY70ME



#### Indent crimping hand tool

- Indent crimping from 10 to 120 mm<sup>2</sup> tubular lugs, NF C 20-130 and CLASSIC, PR preinsulated terminals

10 to 120 mm<sup>2</sup>



##### General features

- Industrial type with die adjusted by screw
- Length: 580 mm
- Weight: 3.7 Kg

For non insulated tubular lugs from 10 to 120 mm<sup>2</sup>

Item code	Part number
7 501 683	MY2913GE2

For preinsulated tubular lugs from 10 to 95 mm<sup>2</sup>

Item code	Part number
7 501 684	MY286





## Mechanical hand tools

### Crimping of non insulated brazed terminals, copper tubular lugs and connectors

#### Hexagonal crimping hand tool

- Hexagonal crimping from 6 to 50 mm<sup>2</sup> copper tubular lugs and connectors

##### General features

- Conductor size adjustment by rotating dies
- Length: 400 mm
- Weight: 1.305 Kg
- Box on request, Item code CPTN 50 HX

6 to 50 mm<sup>2</sup>



Item code	Part number	For lugs serie
7 503 151	MD50HX	CT
7 503 150	MD50CU	CU
7 503 157	MD50D	YCA
7 503 155	MD50DM	YAVDM
	MD50YAV	YAV



#### Hexagonal crimping hand tool

- Hexagonal crimping from 6 to 120 mm<sup>2</sup> copper tubular lugs and connectors (except MD120D : 10 to 120 mm<sup>2</sup>)

##### General features

- Conductor size adjustment by rotating dies
- Length: 660 mm - Weight: 3.000 kg
- Box on request - Item code : 7 503 154 / Part number : CMTN 120 HX

6 to 120 mm<sup>2</sup>



Item code	Part number	For lugs serie	Item code	Part number	For lugs serie
7 503 152	MD 120 HX	CT	7 503 158	MD 120 D	YCA
7 503 149	MD 120 CU	CU	7 503 156	MD 120 DM	YAVDM



#### Double indent crimping hand tool

##### General features

- Power: 25 KN
- Double indent crimping
- Mechanical tool operated with one hand
- Tipping head
- Quick change system
- Length: 300 mm
- Weight: 1.3 Kg
- Delivered in metal box

10 to 50 mm<sup>2</sup>



6 to 35 mm<sup>2</sup>

Item code	Part number	For lugs serie
7 506 050	MRD26T4CM	CT
7 506 053	MRD26T1CM	YAV
7 506 052	MRD26T2CM	MB and BY



#### Hexagonal crimping hand tool

- Crimping of non insulated copper tubular lugs and connectors from 10 to 70 mm<sup>2</sup> (NF C 20-130 series)

##### General features

- Power: 25 KN
- Mechanical tool operated with one hand
- Tipping head
- Hexagonal dies listed below
- Quick change system
- Length: 270 mm
- Weight: 1.2 Kg
- Delivered in metallic box

6 to 70 mm<sup>2</sup>



Item code	Part number
7 506 130	MRD26T*



Hexagonal dies



Item code	7 506 140	7 506 140	7 506 150	7 506 160	7 506 170	7 506 180	7 506 190
Part number	D2HCU6	D2HCU10	D2HCU16	D2HCU25	D2HCU35	D2HCU50	D2HCU70
Conductor size	6	10	16	25	35	50	70

\* Please advise punch and die types when ordering.

40 kN Mechanical hand tool  
35 kN Hydraulic hand compression tool

## Crimping of tubular lugs and connectors, preinsulated tubular lugs (YAEV) and C type connectors

Light tool for compressing Cu-CU, Al-Al and Al-Cu terminals, splices and tap-off connectors with interchangeable dies type "W". Equipped with wooden handles and dies type BG and D3.

6 to 120 mm<sup>2</sup>



### General features

- Power: 40 kN
- Length: 645 mm
- Weight: 2.7 kg

With D3 and BG groove

Item code	Part number
7504050	MD6

With O and D3 groove

Item code	Part number
7504052	MD6-8

With D3 groove

Item code	Part number
7504051	MD6-6

Metal box on request

Item code	Part number
7504053	CMMD6



crimping dies see page : 218 to 223

## For crimping of copper tubular lugs and butt connectors

### PHD35 hydraulic hand compression tool

Light and ergonomic hydraulic hand compression tool enables crimping (with one hand) of copper tubular lugs and butt connectors CT series from 4 to 150 mm<sup>2</sup>, YCA series from 6 to 95 mm<sup>2</sup> and YAV-DM/DE... series from 6 to 150 mm<sup>2</sup>.

### General features

- Single gear pump
- Power: 35 kN
- Fast closing and opening head rotates through 360°
- Automatic release with audible clic when the 35 kN power is reached
- Ram return by a decompression lever
- Weight : 1.370 kg
- Dimensions: 215 x 50 x 175 mm
- Tool delivered with a plastic box which can accommodate 10 sets of dies.

Item code	Part number
7 500 650	PHD35



Hexagonal dies for lugs and butt connectors : CT, YCA and YAV-DM/DE...series, see page : 218, 219, 220, 224

Crimping capacity		Products series	Sections (mm <sup>2</sup> )	Die P / N	Types of dies
Copper tubular lugs and sleeves		CT	4 - 150	D35HCU...	
		YAVDM / DE	6 - 150	D35R...	
		YCA	6 - 95	D35K...	

crimping dies see page : 218-219-220-224

## 50 kN Mechanical hand compression tool

For crimping of tubular lugs, connectors and butt connectors







PMM1 mechanical hand tool



### General features

- Power: 50 kN
- Fast closing and opening head
- Quick change die system
- Ratchet controlled mechanism ensures a complete crimping operation
- PVC insulated handles
- Single sided or reversible dies
- Length: 420 mm
- Weight: 2 kg

Item code	Part number
7 504 001	MRD50

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		MB	6 - 120	D5MUJ... / D5PUJ	
		BY			
Copper tubular lugs and sleeves		CT	4 - 120	D5HCU...	
		YAVDM / DE	6 - 185	55MH... / D5R...	
		YCA	6 - 120	50MH... / D5K...	
		CU	6 - 150	D5ECU...	
ALuminium-copper lugs hexagonal type		ICAU / ICAUC	35 - 120	D5E...	

Crimping dies: see page 218 to 224

### Accessories\*

- Box

Item code	Part number
7 504 002	CMMRD50

- Gauge

Item code	Part number
7 504 003	PGM 1



CMM 1

\* accessories and dies to be ordered separately.

## 50 kN Hydraulic hand compression tool

For crimping of tubular lugs, connectors and butt connectors







HVD51 hydraulic hand tool



### General features

- Single gear pump
- Power: 50 kN
- Adjustable ram start position for quicker operating cycle (patented system)
- Fast closing and opening head rotates through 180°
- Automatic pressure release
- Ram return by a decompression lever
- Single sided or reversible dies
- Length: 370 mm
- Weight: 1.900 kg

Item code	Part number
7 512 805	HVD 51

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		MB	6 - 120	D5MUJ... / D5PUJ	
		BY			
Copper tubular lugs and sleeves		CT	4 - 150	D5HCU...	
		YAVDM / DE	6 - 185	55MH... / D5R...	
		YCA	6 - 120	50MH... / D5K...	
		CU	6 - 150	D5ECU...	
ALuminium-copper lugs hexagonal type		ICAU / ICAUC	35 - 120	D5E...	

Crimping dies: see page 218 to 224

### Accessories\*

- Box

Item code	Part number
7 512 806	CPHVD 51

- Inspection dynamometer

Item code	Part number
7 512 089	DY 50-65 CM



CPHVD 51

\* accessories and dies to be ordered separately.



## 50 kN Cordless electro-hydraulic compression tool

### For crimping of tubular lugs, connectors and butt connectors

ED52 Hydraulic compression tool with integral electric motor



#### General features

- Power: 50 kN
- Compact electro-hydraulic compression crimping tool requires 14.4 V battery, NiCd or Ni-MH type
- Double pressure stage (fast advance system)
- Ram return to assist with any necessary corrections of alignment prior to the crimping procedure
- Audible "click" and automatic release of pressure when crimping has been completed
- LED indicating the battery status
- Crimping capacity: 220 to 450 crimping operations with a 3 Ah new battery
- Crimping time: 2 to 4 s
- Operating temperature: from -15°C to + 40°C
- Dimensions: 340 x 315 x 75 mm with battery
- Weight: 3.6 kg with battery

Item code	Part number
7 512 131	ED 52

#### Accessories\*

- Carrying case



CMED 52

Item code	Part number
7 512 129	CMED 52

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		MB	6 - 120	D5MUJ... / D5PUJ	
		BY			
Copper tubular lugs and sleeves		CT	4 - 150	D5HCU...	
		YAVDM / DE	6 - 185	55MH... / D5R...	
		YCA	6 - 120	50MH... / D5K...	
		CU	6 - 150	D5ECU...	
ALuminium-copper lugs hexagonal type		ICAU / ICAUC	35 - 120	D5E...	

Crimping dies: see page 218 to 224



\* Batteries, chargers and accessories to be ordered separately, see page 197.

## 54 kN Hydraulic hand tool

For crimping of Cu, Alu and Cu-Al terminals, splices and connectors














Y500CT

### General features

- Tool for compressing Cu-Cu, Al-Al and Cu-Al terminals, splices and tap-off connectors with interchangeable dies type "W". Supplied with "D3" type die.
- Compact tool and lightweight. It is suitable for use in difficult access zones. Special design type latch.
- Equipped with ergonomic arms and audible "Click" ratchet.
- 180° head rotation
- Power: 54KN
- Delivered in a plastic box
- Length: 383mm
- Weight: 2.7Kg
- Supplied in carrying case with dies compartment.

Item code	Part number
7512809	Y500CT

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		BY	10 - 120	WV / WP	
Copper tubular lugs and sleeves		YAVDM / DE	6 - 185	WDGE1T	
		YCA	6 - 185	WDKT	
		YAV	10 - 185	W...	
		CTUCF	6 - 150	WS...	
Preinsulated tubular lugs and sleeves		YAEV	10 - 120	W...ET	
C type connectors		C / YC	6 - 70	W...	

Crimping dies: see page 218 to 223

## 60 kN Hydraulic hand tools and compression head

### For crimping of DIN and VDE lugs and butt connectors

#### HCN60 hydraulic hand compression tool



##### General features

- Power: 60 kN
- Two gear pump
- 180° rotating head
- Length: 462 mm
- Weight: 3.400 Kg
- Box on request:
- Item code: 7 512 116 / Part number: CMHCN 60



CMHCN 60

Item code	Part number
7 512 117	HCN60

#### SCN60 hydraulic quick release compression head



##### General features

- Max. pressure: 700 bars
- Power: 60 kN
- Length: 290 mm
- Weight: 1.500 Kg
- Fitted with a semi-coupler (please state type, see page 204)
- Box on request:
- Item code: 7 512 119 / Part number: CMSCN 60

Item code	Part number
7 512 118	SCN60K
7 512 139	SCN60E
7 512 140	SCN60X
7 512 137	SCN60MK

#### Dies for HDN60, HCN60 and SCN60 tools

Crimping capacity	Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Copper tubular lugs and sleeves	YAVDM / DE	6 - 300	N6R...	
	YCA	6 - 240	N6K...	
	DEF	10 - 185	N6F...	

Crimping dies: see page 219 to 221

## 60 kN Hydraulic hand tool and compression head

### For crimping of tubular lugs and butt connectors NFC 20130, DIN and VDE, and alu/copper lugs

#### HDC60 hydraulic hand compression tool



#### General features

- Power: 60 kN
- Two gear pump
- 180° rotating head
- Length: 460 mm
- Weight: 2.700 kg
- Box on request:  
Item code: 7 512 111 / Part number: CMHDC 60



CMHDC 60

Item code	Part number
7 512 110	HDC60

#### SDC60 hydraulic quick release compression head








#### General features

- Max. pressure: 700 bars
- Power: 60 kN
- Length: 258 mm
- Weight: 1.700 kg
- Box on request:  
Item code: 7 512 141 / Part number: CMSDC 60
- Fitted with a semi-coupler  
(please state type, see page 204)

Item code	Part number
7 512 133	SDC60K
7 512 134	SDC60E
7 512 135	SDC60X
7 512 136	SDC60MK

#### Dies for HDC60 and SDC60 compression tools

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		MB			
		BY	10 - 120	C6DMB	
Copper tubular lugs and sleeves		CT	6 - 300	C6HCU...	
		YAVDM / DE	6 - 300	C6R...	
		YCA	6 - 240	C6K...	
		DEF	10 - 300	C6F...	
		CU	6 - 240	C6ECU...	
Preinsulated tubular lugs and sleeves		C / YC	6 - 35	C6...	
C type connectors		ICAU / ICAUC	35 - 300	C6E...	

Crimping dies: see page 218 to 224

## 60 kN Cordless electro-hydraulic compression tool

### For crimping of tubular lugs and butt connectors NFC 20130, DIN and VDE, and alu/copper lugs

EDC62 Hydraulic compression tool with integral electric motor



#### General features

- Power: 60 kN
- Compact electro-hydraulic compression crimping tool requires 14.4 V battery, NiCd or Ni-MH type
- Double pressure stage (fast lead system)
- Ram return to assist with any necessary corrections to alignment prior to the crimping procedure
- Audible "click" and automatic release of pressure when crimping has been completed
- LED indicating the battery status
- Crimping capacity: 220 to 450 crimping operations with a 3 Ah new battery
- Crimping time: 2 to 4 s
- Operating temperature: from -15°C to + 40°C
- Dimensions: 340 x 315 x 75 mm with battery
- Weight: 4.350 kg with battery

Item code	Part number
7 512 113	EDC 62



CMEDC 62

Item code	Part number
7 512 123	CMEDC 62



#### Dies for HDC60 and SDC60 compression tools

Crimping capacity	Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals	MB			☑
	BY	10 - 120	C6DMB	
Copper tubular lugs and sleeves	CT	6 - 300	C6HCU...	☐
	YAVDM / DE	6 - 300	C6R...	
	YCA	6 - 240	C6K...	
	DEF	10 - 300	C6F...	
Preinsulated tubular lugs and sleeves	CU	6 - 240	C6ECU...	☐
	C / YC	6 - 35	C6...	
C type connectors	ICAU / ICAUC	35 - 300	C6E...	☐

Crimping dies: see page 218 to 224

\* Batteries, chargers and accessories to be ordered separately, see page 197.



## Compression tools for crimping of tubular lugs, and connectors (70 to 80 kN)

### For crimping of tubular lugs, alu/copper lugs, butt connectors and connectors

#### PMM2 mechanical hand tool

##### General features

- Power: 70 kN
- Quick change die system
- Ratchet controlled mechanism ensures a complete crimping operation
- PVC insulated handles
- Single or reversible interchangeable dies
- Length: 685 mm
- Weight: 4.600 kg



CMMRH70

- Box on request:  
Item code: 7 504 012 / Part number: CMMRH70
- Inspection possibility with gauge:  
Item code: 7 504 013 / Part number: PGM 2

Item code	Part number
7 504 011	MRH70

#### HH80 hydraulic hand tool

##### General features

- Two gear pump
- Power: 80 KN
- Automatic pressure release
- PVC insulated handles
- Single sided or reversible dies
- Length: 590 mm
- Weight: 4.900 Kg



CMHH 80

- Box on request:  
Item code: 7 512 802 / Part number: CMHH 80

Item code	Part number
7 512 801	HH 80

#### SH80CM quick release hydraulic compression head



##### General features

- Power: 80 kN
- Connectable to 700 bar hydraulic pump
- Length: 210 mm
- Weight: 2.350 Kg
- Delivered in metal box
- Fitted with a semi-coupler  
(please state type, see page 204)

#### Dies for MRH70, HH80 and SH80CM compression tools

Crimping capacity	Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Copper tubular lugs and sleeves	CT	6 - 240	H8HCU...	
C type connectors	C / YC	6 - 50	H8...	
Aluminium-copper lugs hexagonal type	ICAU / ICAUC	35 - 300	H8E...	

Crimping dies: see page 218, 221, 222, 223, 224

Item code	Part number
7 510 101	SH 80K CM
7 510 102	SH 80E CM
7 510 103	SH 80X CM
7 510 100	SH 80MK CM

## 80 kN Cordless electro-hydraulic compression tool

For crimping of tubular lugs, alu/copper lugs, butt connectors and connectors

EDC82 Hydraulic compression tool with integral electric motor



### General features

- Power: 80 kN
- Compact electro-hydraulic compression crimping tool requires 14.4 V battery, NiCd or Ni-MH type
- Double pressure stage (fast advance system)
- Ram return to assist with any necessary correction of alignment prior to the crimping operation
- Audible "click" and automatic release of pressure when crimping has been completed
- LED indicating the battery status
- Crimping capacity: 95 to 190 crimping operations with a 3 Ah new battery
- Crimping time: 3 to 6 s
- Operating temperature : from -15°C to + 40°C
- Dimensions: 340 x 315 x 75 mm with battery
- Weight : 4.350 Kg with battery

Item code	Part number
7 512 078	EDC 82



CMEDC 82

Item code	Part number
7 512 079	CMEDC 82

### Dies for EDC82 compression tools

Crimping capacity	Products series	Section (mm²)	die P/N	Types of dies
Copper tubular lugs and sleeves	CT	6 - 300	C8HCU...	
C type connectors	C / YC	6 - 50	C8HCU...	
Aluminium-copper lugs hexagonal type	ICAU / ICAUC	35 - 300	C8E...	

Crimping dies: see page 218, 223, 224

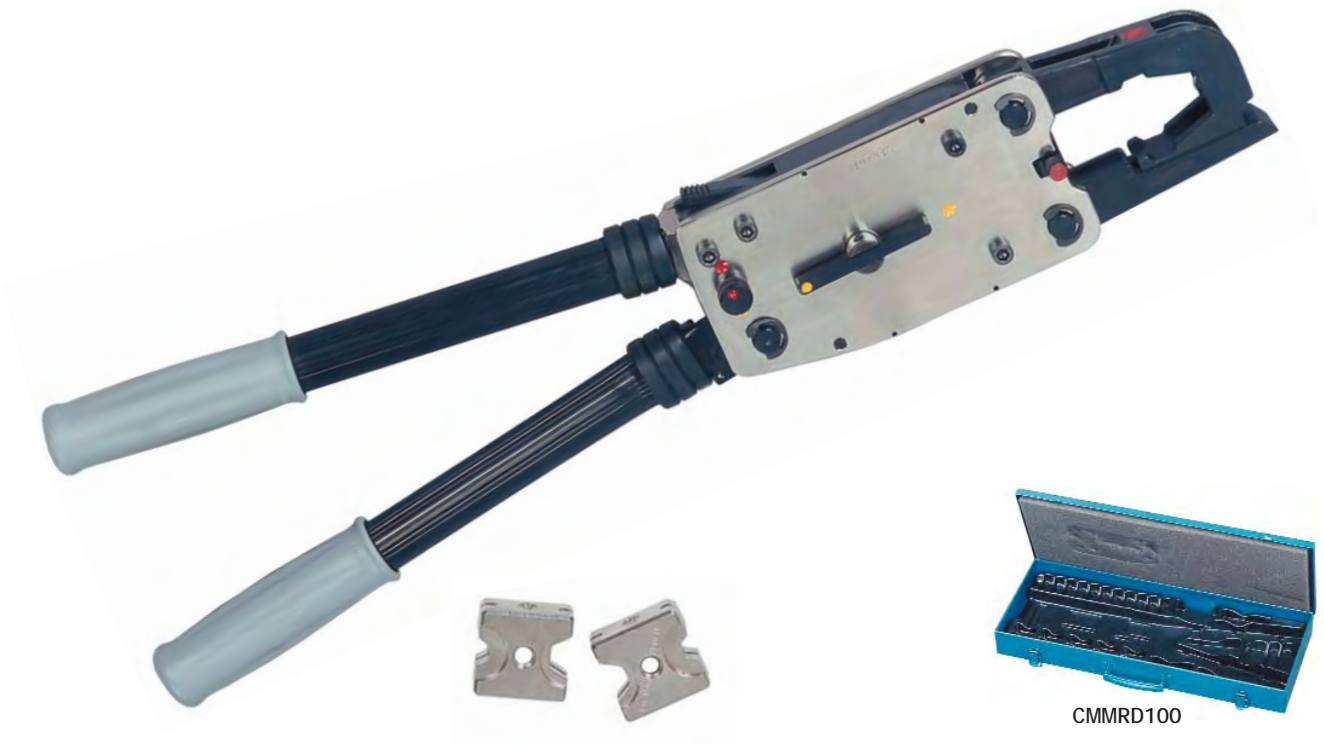


\* Batteries, chargers and accessories to be ordered separately, see page 197.

100 kN mechanical hand tool

## Crimping of tubular lugs, splices and connectors

Mechanical hand tool MRD100



### General features

- Power: 100 kN
- Quick change die system
- Ratchet controlled mechanism ensures a complete crimping operation
- Opening head
- PVC insulated handles
- Single or reversible interchangeable dies
- Length: 540 mm
- Weight: 4.200 kg


### Accessories

- Box:

Item code	Part number
7 504 032	CMMRD100

Item code	Part number
7 504 031	MRD100

### Dies for EDC82 compression tools

Crimping capacity	Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Copper tubular lugs and sleeves	CT	35 - 300	D10HCU...	
C type connectors	C / YC	16 - 50	D10HCU...	
Aluminium-copper lugs hexagonal type	ICAU / ICAUC	35 - 300	D10E...	

Crimping dies: see page 218, 223, 224

## 120 kN Hydraulic hand tool and compression head

### Crimping for tubular lugs, aluminium-copper lugs,

#### HC 120 hydraulic hand compression tool



- Box on request:

#### General features

- Power: 120 kN
- Two gears pump
- "C" shape head, rotating on 180°
- Automatic pressure release
- Ram stroke: 25 mm
- PVC insulated handles
- Half-round dies
- Length: 690 mm
- Weight: 6.000 kg



CPHC 120

Item code	Part number
7 512 010	HC 120

Item code	Part number
7 512 011	CPHC 120

#### SC 120 CM hydraulic compression head



#### General features

- Power: 120 kN
- "C" shape head, rotating on 180°
- Ram stroke: 25 mm
- To be connected to 700 bar hydraulic pump: see page
- Length: 185 mm
- Weight: 3.800 kg
- Delivered in a metal box
- Fitted with a semi-coupler (please state type: see page 204)

Item code	Part number
7 510 111	SC 120K CM
7 510 112	SC 120E CM
7 510 113	SC 120X CM
7 510 114	SC 120MK CM

Crimping capacity	Products series	Section (mm²)	die P/N	Types of dies
Non insulated brazed terminals	BY	10 - 240	UVB... + Y35P1...	
Copper tubular lugs and sleeves	CT	6 - 400	C12HCU...	
	YAVDM / DE	6 - 300	C12R... U...DGETT	
	YCA	6 - 300	C12K... UDK...	
	CU	6 - 300	C12ECU...	
	YAV	10 - 400	U...BGE1T	
	YAV	10 - 300	U...C + Y35P1	
Preinsulated tubular lugs and sleeves	CTUCF	6 - 240	USB	
	CTUCF	10 - 240	U...C + Y35P1	
C type connectors	YAEV	10 - 120	U...ET	
ALuminium-copper lugs hexagonal type	C / YC	6 - 185	C12... / U...	
	ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 218 to 225

## 120 kN Hydraulic hand tools and compression head

### For crimping Cu, Al and Al-Cu terminals, splices and connectors

#### General features

- Tool for compressing Cu and Al terminals, splices and tap-off connectors.
- Use of interchangeable U type dies for multiple applications. Rapid ram advance rotating handle provided with a fast forward piston and easy die change accomplished with push button die locks.
- Reliable connections, controlled by means of a safety valve calibrated in factory.
- A wide range of dies are available to install a great number of connectors.
- 180° head rotation
- Power: 120kN
- Ram stroke: 24.1mm
- Supplied in a metal box which has placement for dies
- Length: 575mm
- Weight: 6Kg



Y35

Item code	Part number
7512013	Y35

#### General features

- Remote head with the same technical characteristics as the Y35 tool.
- Standard male connector of 3/8 "NPT" (MK assembly), for connecting to a 700 bars pump.
- For other connections consult the couplers section from the "Accessories" chapter.
- Power: 120kN
- Length: 240mm
- Weight: 3Kg
- Supplied in a metal box.



Y35BH

Item code	Part number
7512014	Y35BH

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		BY	10 - 240	UVB... + Y35P1...	
Copper tubular lugs and sleeves		CT	6 - 400	C12HCU...	
		YAVDM / DE	6 - 300	C12R... U...DGE1T	
		YCA	6 - 300	C12K... UDK...	
		CU	6 - 300	C12ECU...	
		YAV	10 - 400	U...BGE1T	
			10 - 300	U...C + Y35P1	
CTUCF	6 - 240	USB			
	10 - 240	U...C + Y35P1			
Preinsulated tubular lugs and sleeves		YAEV	10 - 120	U...ET	
C type connectors		C / YC	6 - 185	C12... / U...	
ALuminium-copper lugs hexagonal type		ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 218 to 225



## Hydraulic compression head

### For crimping of tubular lugs and connectors

#### General features

- Compact crimping head with 50.8mm opening that accepts interchangeable dies type "P".
- Standard male connector of 3/8 "NPT" (MK assembly), for connecting to 700 bars pumps.
- For other connections consult the couplers section from the "Accessories" chapter.
- Supplied in metal box.
- Power: 136KN
- Length: 381mm
- Weight: 7.3Kg

Use of interchangeable U / C12 type dies for multiple applications using adaptor: PUADP1

#### dies type "P-U/C12"








Item code	Part number
7510120	Y46

\* only for EU



Y 46

#### Dies for Y46 compression tools

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Copper tubular lugs and sleeves		CT	6 - 400	C12HCU...	
		YAVDM / DE	6 - 300	C12R... U...DGE1T	
		YCA	6 - 300	C12K... UDK...	
		CU	6 - 300	C12ECU...	
		YAV	10 - 700	U...BGE1T	
			10 - 300	U...C + Y35P1	
	350 - 800	P...D + P44PR			
C type connectors		C / YC	6 - 240	C12... / U... / P...	

Crimping dies: see page 218, 219, 220, 221, 224, 225

## 120 kN Cordless electro-hydraulic compression tool

### Crimping of tubular lugs, aluminium-copper lugs, splices and connectors

EC 127 hydraulic compression tool with integrated electric motor



#### General features

- Power: 120 kN.
- Compact electro-hydraulic compression crimping tool requires 14.4 V battery, Ni-Cd or Ni-MH type.
- Double pressure stages (fast advance system).
- Ram return to assist with any necessary corrections to alignment prior to the crimping procedure
- Audible "click" and automatic release of pressure when crimping has been completed
- LED indicating the battery status
- Ram stroke: 25 mm
- Crimping capacity: 60 to 120 crimping operations with a 3 Ah new battery
- Crimping time: 5 to 10 s
- Operating temperature: from -15°C to + 40°C
- Dimensions: 385 x 315 x 75 mm with battery
- Weight: 6.280 kg with battery

Item code	Part number
7 511 990	EC 127

#### Accessories\*

- Carrying box



Item code	Part number
7 511 991	CMEC 127

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		BY	10 - 240	UVB... + Y35P1...	
Copper tubular lugs and sleeves		CT	6 - 400	C12HCU...	
		YAVDM / DE	6 - 300	C12R... U...DGE1T	
		YCA	6 - 300	C12K... UDK...	
		CU	6 - 300	C12ECU...	
		YAV	10 - 400	U...BGE1T	
					10 - 300
		CTUCF	6 - 240	USB	
			10 - 240	U...C + Y35P1	
Preinsulated tubular lugs and sleeves		YAEV	10 - 120	U...ET	
C type connectors		C / YC	6 - 185	C12... / U...	
ALuminium-copper lugs hexagonal type		ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 218 to 225



\* Batteries, chargers and accessories to be ordered separately, see page 197.

## 20 kN Hydraulic hand compression tool

### Crimping of tubular lugs, aluminium-copper lugs, splices and connectors

#### HU 137 hydraulic hand compression tool



#### General features

- Power: 120 kN
- Two stage pump
- "U" shape opened head, rotating 180°
- Automatic release
- PVC insulated handles
- Dies type C12... ou U13
- Length: 690 mm
- Weight: 6 kg
- Adaptator for female mould dies type C12...:  
Item code: 7 511 998 / Part number: U137C12

Item code	Part number
7 512 006	HU 137

- Box on request:



CPHU 135-137

Item code	Part number
7 512 005	CPHU 135-137

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		BY	10 - 240	UVB... + Y35P1	
Copper tubular lugs and sleeves		CT	6 - 400	C12HCU...	
		YAVDM / DE	6 - 300	C12R... U...DGE1T	
		YCA	6 - 300	C12K... UDK...	
		CU	6 - 300	C12ECU...	
		YAV	10 - 400	U...BGE1T	
		CTCUF	10 - 240	U...C + Y35P1	
Preinsulated tubular lugs and sleeves		YAEV	10 - 120	U...ET	
Preinsulated tubular lugs and sleeves		C / YC	6 - 70	C12... / U...	
C type connectors		ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 218 to 225

This tool can also be used with dies U13... of SU 133/SU 134.

## 120 kN Hydraulic hand tool and compression head

### For crimping Cu and Al terminals, splices and connectors.

Universal head, the Y39E1E compresses the same range of connectors as the Y35 tool, also accept dies types U13MC / U13MJ... according to NFC33090-4.

- Rapid ram advance by rotating handle, provided with a fast forward piston and easy die change accomplished with push button die locks.
- Reliable connections, controlled by means of a safety valve calibrated in factory. A wide rang of dies are available to install a great number of connectors.

#### General features

- Gyrotory crimping head of 180°
- Power: 120KN
- Length: 575 mm
- Weight: 9.2 Kg

- Supplied in a metal box wich has placement for dies.  
Use of interchangeable U / C12 type dies for multiple applications using adaptor



Y39E1E

Item code	Part number
7512008	Y39E1E

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		BY	12 - 240	UVB... + Y35P1...	
Copper tubular lugs and sleeves		CT	6 - 400	C12HCU...	
		YAVDM / DE	6 - 300	C12R... U...DGE1T	
		YCA	6 - 300	C12K... UDK...	
		CU	6 - 300	C12ECU...	
		YAV	10 - 400	U...BGE1T	
			10 - 300	U...C + Y35P1	
		CTUCF	6 - 240	USB	
	10 - 240	U...C + Y35P1			
Preinsulated tubular lugs and sleeves		YAEV	10 - 120	U...ET	
C type connectors		C / YC	6 - 185	C12... / U...	
ALuminium-copper lugs hexagonal type		ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 218 to 225

Remote head with the same technical characteristics as the Y39E1E tool. Universal head, the Y39E1E compresses the same range of connectors as the Y35 tool, also accept dies types U13MC / U13MJ... according to NFC33090-4.

- Standard male connector of 3/8 "NPT" (MK assembly), for connecting to 700 bars pumps.
- For other connections consult the couplers section from the "Accessories" chapter.

#### General features

- Power: 120 kN
- Length: 235 mm
- Weight: 2.6 Kg

Item code	Part number
7512009	Y39E1BHE

Use of interchangeable U / C12 type dies for multiple applications using adaptor.



Y39E1BHE

## 120 kN Cordless electro-hydraulic compression tool

### Crimping of tubular lugs, aluminium-copper lugs, splices and connectors

EU 137 hydraulic compression tool with integrated electric motor



#### General features

- Power: 120 kN
- Compact electro-hydraulic compression crimping tool requires 14.4 V battery, NiCd or Ni-MH type.
- Can be filled with all dies type U13... As well as dies and punches for aluminium deep indent crimping and dies type C12... with adaptor 7 511 998 part n°U137C12 (see accessories).
- Double pressure stage (fast lead system).
- Ram return to assist with any necessary corrections to alignment prior to the crimping procedure.
- Audible "click" and automatic release of pressure when crimping has been completed.
- Crimping capacity: 60 to 120 crimping operations with a 3 Ah new battery, 7 to 14 s for deep indent crimping.
- Operating temperature: from - 15 °C to + 40 °C.
- Dimensions: 400 x 315 x 75 mm with battery.
- Weight: 5.950 kg with battery.

Item code	Part number
7 511 995	EU 137

#### Accessories\*

Adaptator for dies type C12...

Item code	Part number
7 511 998	U 137 C12

- Carrying box



Item code	Part number
7 511996	CMEU 137



Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Non insulated brazed terminals		BY	10 - 240	UVB... + Y35P1	
Copper tubular lugs and sleeves		CT	6 - 400	C12HCU...	
		YAVDM / DE	6 - 300	C12R... U...DGE1T	
		YCA	6 - 300	C12K... UDK...	
		CU	6 - 300	C12ECU...	
		YAV	10 - 400	U...BGE1T	
		YAV	10 - 300	U...C + Y35P1	
Preinsulated tubular lugs and sleeves		CTCUF	6 - 240	USB...	
		CTCUF	10 - 240	U...C + Y35P1	
C type connectors		YAEV	10 - 120	U...ET	
C type connectors		C / YC	6 - 70	C12... / U...	
Aluminium copper lugs hexagonal type		ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 219 to 225

\* Batteries, chargers and accessories to be ordered separately, see page 197.



## Batteries, chargers and accessories for cordless electro-hydraulic compression tools

For electro-hydraulic compression tools ED 52, EDC 62, EDC 82, EC 127, EU 137, cable-cutter EK 50, hollow punches EEP 72A

### Ni-Cd batteries for cordless electro-hydraulic compression tools

#### General features

- Ni-Cd battery: 14.4 V - 2 A/h
- Weight: 0.700 kg

Item code	Part number
7 512 107	BA 1420

- As BA1420 with a 5 LEDs charge level indicator and an integrated circuit counting recharging times.
- Weight: 0.700 kg

Item code	Part number
7 512 125	BA 1420 X



### Ni-MH batteries for cordless electro-hydraulic compression tools

#### General features

- Ni-MH battery: 14.4 V - 3 A/h
- Weight: 0.800 kg

Item code	Part number
7 501 680	BB 1430



### Fast charger for Ni-Cd battery, BA 1420 and BA 1420X (60 mn)

#### General features

- Charging current: 1.5 A.
- Mains voltage: 230 V AC 50 / 60 Hz.
- Automatic charge stop with temperature control with safety fuse.
- Use: Europe without United Kingdom.

Item code	Part number
7 512 103	CT 1415 HC



### Very fast charger for Ni-Cd battery, BA 1420 and BA 1420X (25 mn) and Ni-MH battery, BB 1430 (45 mn)

#### General features

- Charging current adjusted from 5.65 to 1.5 A.
- Mains voltage: 230 V AC 50 / 60 Hz.
- Reconditioning function by discharge automatically followed with a charging time for a battery with memory effect.
- Automatic charge stop by  $\Delta V$  detection, with protection by battery temperature control.
- Use: Europe without United Kingdom.

Item code	Part number
7 512 000	CH 1457 HC



### Miscellaneous

- Shoulder strap.
- Inspection dynamometer according to tools.

Item code	Part number
7 512 088	CDC 2
Please contact us	-

## 130 to 200 kN Hydraulic crimping heads

### Crimping of copper tubular lugs, splices and connectors









#### Hydraulic crimping head SU 133



##### General features

- Power: 130 kN
- Corrosion preventive protection: nickel plated finish and chromium plated piston
- To be connected hydraulic pump 700 bars (see page )
- Length: 210 mm
- Weight: 3.200 kg
- Fitted with a semi-coupler (please state type: see page 204)

Item code	Part number
7 510 121	SU 133K
7 510 122	SU 133E
7 510 123	SU 133X
7 510 124	SU 133MK

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Copper tubular lugs and sleeves		CT	25 - 300	U13HCU...	
		CU	50 - 240	U13ECU...	
		CDCT	75	U13HCT...	
Forged copper lugs		HU	16 - 150	U13E...	
C type connectors		C / YC	16 - 95	U13HCU... U13CC...	
Aluminium copper lugs hexagonal type		ICAU / ICAUC	35 - 300	U13E...	

Crimping dies: see page 218, 221, 222, 223, 224, 225

#### Hydraulic crimping head SU 210











- SU 210: with die locking system, double pull-back spring and controlled speed return system
- SRU 210: lengthened for aluminium and aluminium-copper crimping to 630 mm<sup>2</sup>. Same system as SU 210.

##### General features

- Power: 200 kN
- Corrosion preventive protection: nickel plated finish and chromium plated piston
- To be connected to hydraulic pump 700 bars (see page )
- SU 210:
  - Length: 260 mm
  - Weight: 5.800 kg
- SRU 210:
  - Length: 275 mm
  - Weight: 6.180 kg
- Fitted with a semi-coupler (please state type: see page 204)

Item code	Part number
7 510 141	SU 210K
7 510 142	SU 210E
7 510 143	SU 210X
7 510 144	SU 210MK
7 510 161	SRU 210K
7 510 162	SRU 210E
7 510 163	SRU 210X
7 510 164	SRU 210MK

Crimping capacity		Products series	Section (mm <sup>2</sup> )	die P/N	Types of dies
Copper tubular lugs and sleeves		CT	25 - 300	U13HCU...	
			300 - 630	U21HCU	
		CDCT	75 - 181	U21HCT...	
Forged copper lugs		HU	16 - 150	U13E...	
185 - 500	U21E...				
C type connectors		C / YC	16 - 70	U13HCU...	
95 - 240	U21CC...				
Aluminium copper lugs hexagonal type		ICAU / ICAUC	35 - 300	C12E...	

Crimping dies: see page 218, 222, 223, 224, 225

## 250 kN Hydraulic compression head

### Crimping for tubular lugs

#### Hydraulic compression head SH 250



#### General features

- Power: 250 kN
- Piston stroke: 22 mm
- Weight: 4.850 kg
- Hydraulic compression pump, see page
- Fitted with a semi-coupler (please state type: see page 204)

Item code	Part number
7510108	SH 250K
7510115	SH 250E
7510104	SH 250X
7510110	SH 250 MK

Crimping dies: see page 219, 220

## 400 kN Hydraulic compression head

### Hydraulic compression head SAU 400 Q



#### General features

- Power: 400 kN.
- To be connected to a single action pump 700 bars.
- Corrosion preventive protection: plated nickel.
- Opening head.
- Articulated handle for easy use.
- Head locked by rotating handle.
- Deep indent crimping dies securely held in ram.
- Spring loaded location balls avoid die damage when positioned wrongly.
- Positive locking system for hexagonal crimping dies.
- Articulated hydraulic hose connection assists when in difficult positions.
- Weight: 18 kg
- Fitted with a semi-coupler (please state type: see page 204)



Item code	Part number
7 510 183	SAU 400 QK
7 510 184	SAU 400 QE
7 510 185	SAU 400 QX
7510188	SAU 400 QMK

#### Crimping capacity

- Hexagonal crimping for copper tubular lugs NFC20 130: 400 to 1 000 mm<sup>2</sup>.
- Aluminium deep indent crimping: 800 to 1600 mm<sup>2</sup>.
- Hexagonal crimping for forged lugs serie HU: 500 to 1300 mm<sup>2</sup>.

#### Wooden carrying case

Item code	Part number
7 510 186	CB SAU 400 Q

#### Crimping capacity

	Products series	Section (mm <sup>2</sup> )	Die P/N	Types of dies
Copper tubular lugs and sleeves 	CT	630 - 1000	U40HCU...	
Forged copper lugs 	HU	500 - 1300	U40E...	

**Dies and punches: please contact us.**

## 550 and 1 000 kN Hydraulic compression heads

### Crimping of tubular lugs, butt connectors and connectors

Hydraulic compression tool SB 550 to be connected to a single action pump

#### General features

- Power: 550 kN.
- Crimping capacity:
  - 660 mm<sup>2</sup> Aluminium,
  - 600 mm<sup>2</sup> Copper,
  - 450 mm<sup>2</sup> Al- Steel, Almelec-Steel, et homogeneous Almelec.
- Weight: 22 kg.
- Please state coupler type (see page 204).
- Delivered in a metal box
- Crimping dies: consult us.



Item code	Part number
7510301	SB 550 K CM
7510300	SB 550 E CM
7510590	SB 550 X CM
7510299	SB 550 MK CM

Hydraulic compression tool DB 1000 to be connected to a double action pump

#### General features

- Power: 1 000 kN.
- Crimping capacity:
  - 1000 mm<sup>2</sup> Aluminium,
  - 750 mm<sup>2</sup> homogeneous Almelec,
  - 612 mm<sup>2</sup> Almelec- Steel.
- Weight: 32 kg.
- Please state coupler type (see page 204).
- Delivered in wooden box
- Crimping dies: consult us.



Item code	Part number
-	DB 1000 K CB
-	DB 1000 E CB
-	DB 1000 X CB
-	DB 1000 MK CB

dies: please contact us



## Hydraulic pumps and sets 700 bars

### Crimping and rounding with 60, 80, 120, 130, 200 and 250 kN compression heads

#### Hydraulic pump P 39

Crimping and rounding with 60 to 200 kN compression heads.

##### General features

- Single stage hand pump
- Pressure: 700 bars
- Safety valve restriction maximum pressure
- Oil tank: 0.7 l
- Length: 400 mm
- Weight: 4.900 kg
- Box on request:  
Item code: 7 516 020 / Part number: VAL 29
- Fitted with a 1.8 m hydraulic hose  
(please state hose type: see page 204)

Item code	Part number
7 510 051	P 39 K
7 510 052	P 39 E
7 510 053	P 39 X



#### Hydraulic pump SPM 4095

Crimping and rounding with 60 to 250 kN compression heads.

##### General features

- Double stage foot pump
- Pressure: 700 bars
- Automatic release
- "U" shape base offering high stability
- Oil tank: 1 l
- Length: 700 mm
- Weight: 12.900 kg
- Box on request:  
Item code: 7 516 040 / Part number: VAL 22 CR
- Fitted with a 3 m hydraulic hose  
(please state hose type: see page 204)

Item code	Part number
7 510 075	SPM 4095 K
7 510 076	SPM 4095 E
7 510 077	SPM 4095 X



#### Hydraulic pump PA 133

Crimping and rounding with 60 to 200 kN compression heads.

##### General features

- Single stage pump with pneumatic drive
- Pressure: 700 bars
- Compressed air supply: 7 bars maxi
- Triple distributors maintaining pressure when air supply is interrupted
- Oil tank: 0.6 l
- Length: 400 mm
- Weight: 4.900 kg
- Fitted with a female semi-coupler  
(please state type: see page 204)
- Hydraulic hoses (see page 204)

Item code	Part number
7 510 061	PA 133 K
7 510 063	PA 133 E
7 510 064	PA 133 X



#### Hydraulic set SPT 20-586 CM

Crimping and rounding with 60 to 250 kN compression heads.

##### General features

- Compact and portable electro-hydraulic set
- Electric motor: 220 V - 50 Hz
- Power: 0.340 kW
- Emergency stop system
- 4 m low tension remote control (input - bearing - output)
- Flow:
  - 0-20 bars: 2.60 l / mn
  - 20-700 bars: 0.32 l / mn
- Oil tank: 2 l
- Dimensions : 186 x 160 x 350 mm
- Weight: 15.500 kg
- Delivered in a metal box
- Fitted with a female semi-coupler (please state type: see page 204)
- Hydraulic hoses (see page 204)

Item code	Part number
7 510 086	SPT20-586KCM
7 510 088	SPT20-586ECM
7 510 087	SPT20-586XCM



## Hydraulic pumps and sets 700 bars

### Crimping and rounding with 550 to 1000 kN compression tools

#### Cordless electro-hydraulic set SEPT 12

Crimping and rounding with 60 to 400 kN compression tools to be connected.

##### General features

- Cordless electro-hydraulic set requires a 24 V battery - 3.3 Ah, Ni-MH type.
  - Pressure: 700 bars
  - Dual pressure stage (fast advance system).
  - Remote control: input, bearing, output.
  - Emergency hand control.
  - Protection against overpressure by thermal circuit-breaker.
  - Hermetic tank to use without gradient restriction.
  - Oil tank: 0.5 l.
  - Dimensions: 340 x 180 x 330 mm.
  - Weight: 8.8 kg with full oil tank and battery.
- Delivered with 1 battery 24 V - 3.3 Ah NiMH, remote control, 1 female semi-coupling (please state type: see page 204)



- Flow: 0 - 15 bars : 1.2 l/mn
- : 15 - 700 bars : 0.20 l /mn

Item code	Part number
7 515 029	SEPT 12 K
7 515 028	SEPT 12 E
7 515 035	SEPT 12 X

##### Accessories

- Fast charger 60 mn:
- Battery 24 V - 3.3 Ah NiMH:
- Wooden box:

Item code	Part number
7 515 037	CH 2457 HC
7 515 038	BB 2433
7 515 036	CBSEPT 12

#### Hydraulic pump 700 bars SPT 35-220

Two gear pump, single action.

##### General features

- Four-stroke petrol engine.
- Low tension remote control (input, bearing, output).
- Oil tank: 2.2 l.
- Flow:
  - 0 - 20 bars 2.6 l / mn.
  - 20 - 700 bars 0.5 l / mn.
- Power: 1 kW (1.4 CV).
- Dimensions : 470 x 320 x 400 mm.
- Weight: 29 kg.
- Please state hose type (see page 204)
- Delivered in wooden box



Item code	Part number
-	SPT 35-220 KCB
-	SPT 35-220 ECB
-	SPT 35-220 XCB

#### Hydraulic pumps 700 bars DPM 50-200 and DPT 50-220

Two gear pump, double action.

##### General features

- Four-stroke petrol engine.
- Pump with hand controls. (input, bearing, output).
- Oil tank: 10 l.
- Flow:
  - 0 - 20 bars 7.5 l / mn.
  - 20 - 700 bars 1.2 l / mn.
- Power: 2 kW (2.7 CV).
- Dimensions : 650 x 370 x 500 mm.
- Weight: 55 kg.
- Please state hose type (see page 204)
- Delivered in wooden box



- Same as DPM 50-200, with remote control (input, bearing, output, as well as switch for automatic cycle).
- Dimensions: 650 x 370 x 500 mm.
- Weight: 55 kg.
- Please state hose type (see page 204)
- Delivered in wooden box

Item code	Part number
-	DPM 50-200 K CB
-	DPM 50-200 E CB
-	DPM 50-200 X CB

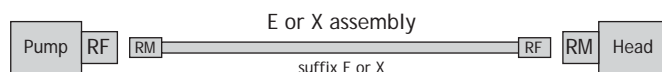
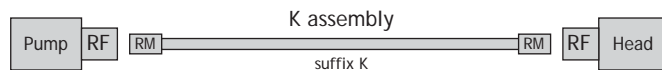
Item code	Part number
-	DPT 50-220 K CB
-	DPT 50-220 E CB
-	DPT 50-220 X CB

## Accessories for hydraulic tools

### Hydraulic couplers

Type	Part number	Dimensions
K	RMK-F38NPT	3/8 - 18 NPT
	RFK-M38NPT	3/8 - 18 NPT
E	RME-F38NPT	3/8 - 18 NPT
	RFE-F38NPT	3/8 - 18 NPT
X	RMX-F38NPT	3/8 - 18 NPT
	RFX-F38NPT	3/8 - 18 NPT

#### Our tools standard equipments



Please state hose type when ordering:

#### Type K: PIONNER-3/8

Male couplers, assembly through 3/8 NPT threaded hole  
Female coupling, assembly through 3/8 NPT threaded hole

Item code	Part number
7 510 001	RMK-F38NPT
7 510 002	RFK-M38NPT



#### Type E: EDF-3/8

Male couplers, assembly through 3/8 NPT threaded hole  
Female coupling, assembly through 3/8 NPT threaded hole

Item code	Part number
7 510 003	RME-F38NPT
7 510 004	RFE-F38NPT



#### Type X: CEJN serie 117-3/8

Male couplers, assembly through 3/8 NPT threaded hole  
Female coupling, assembly through 3/8 NPT threaded hole

Item code	Part number
7 510 005	RMX-F38NPT
7 510 006	RFX-F38NPT



### Hydraulic hoses with type K, E, X and MK



Item code	Part number	Item code	Part number	Item code	Part number	Item code	Part number	Dimensions
7 510 021	F 4622 K	7 510 022	F 4622 E	7 510 023	F 4622 X	7 510 024	F 4622 MFK	1.80 m
7 510 031	F 4623 K	7 510 032	F 4623 E	7 510 033	F 4623 X	7 510 034	F 4623 MFK	3 m
7 510 041	F 4626 K	7 510 042	F 4626 E	7 510 043	F 4626 X	7 510 044	F 4626 MFK	6 m

### Hydraulic oils

Item code	Part number	Application	Capacity (L)
7 516 230	B H2	All tools	2
7 516 220	H F95 X	PA 133 + P 39	1



## Crimping compression tools "DIELESS"

### For crimping of Cu and Al terminals and splices

#### General features

- Tool for compressing Cu and Al terminals and splices without interchangeable dies.
- Soft grip handles.
- Conductor section rang:
  - Cu: 70 to 500mm<sup>2</sup>
  - Al: 16 to 300mm<sup>2</sup>
- 355° head rotation
- Fast forward control
- Power: 100kN
- Supplied in a metal box
- Length: 573mm
- Weight: 6.8Kg

\* Only for EU

Item code	Part number
7512018	Y644HS



Y644HS

#### General features

- Hydraulic head for compressing Cu and Al splices and terminals.
- Compressionhead without dies.
- Standard male connector of 3/8 "NPT" (MK assembly), for connecting to 700 bars pumps.
- For other connections consult the couplers section from the "Accessories" chapter.
- Conductor section rang:
  - Cu: 70 to 500mm<sup>2</sup>
  - Al: 16 to 300mm<sup>2</sup>
- Power: 100kN
- Supplied in a metal box
- Length: 305mm
- Weight: 4.1Kg

\* Only for EU

Item code	Part number
7512019	Y644MBH



Y644MBH

## Crimping compression tools "DIELESS"

### Crimping tubular lugs and copper butt connectors, aluminium and copper-aluminium lugs and end sleeves with external diameter of 38.5 mm maxi

#### Hydraulic hand compression tool HPM 400



##### Crimping capacity

- Tubular lugs and copper butt connectors from 16 to 400 mm<sup>2</sup> (CT, YAV-DM/DE, CU series)
- Aluminium and copper-aluminium lugs and end sleeves serie NFC 33 090-1 from 50 to 240 mm<sup>2</sup>.

##### General features

- Power: 120 kN.
- "V" indent crimping without changing die.
- Ram fast advance system.
- Automatic setting of crimping depth.
- 90° swivelling head.
- Length: 550 mm.
- Weight: 5.900 kg.
- Delivered in a metal box.

Item code	Part number
7 512 051	HPM 400



##### Accessories

- Aluminium standard rod on which crimping is operated.

Item code	Part number
7 512 050	BE 6468

#### Hydraulic compression tool to be connected HPH 400

##### Crimping capacity

- Same as HPM 400 below.

##### General features

- Power: 120 kN.
- Hydraulic compression tool to be connected to hydraulic pumps and sets 700 bars (see page 203).
- "V" indent crimping without changing die.
- Automatic setting of crimping depth.
- Length: 380 mm.
- Weight: 3.700 kg.
- Fitted with a semi-coupling (please state type: see page 204).

Item code	Part number
7 512 045	HPH 400 K
7 512 046	HPH 400 E
7 512 049	HPH 400 X
	HPH 400 MK



##### Accessories

- Aluminium standard rod on which crimping is operated.

Item code	Part number
7 512 050	BE 6468



## Crimping compression tools "DIELESS"

Crimping tubular lugs and copper butt connectors, aluminium and copper-aluminium lugs and end sleeves with external diameter of 38.5 mm maxi

Cordless electro-hydraulic compression tool HPA 400



### Crimping capacity

- Tubular lugs and copper butt connectors from 16 to 400 mm<sup>2</sup> (CT, YAV - DM/DE, CU series)
- Aluminium and copper-aluminium lugs and end sleeves serie NFC 33 090-1 from 50 to 240 mm<sup>2</sup>.

### General features

- Power: 120 kN.
- "V" indent crimping without changing die.
- Automatic setting of crimping depth
- 90° swivelling head.
- Battery: 14.4V - 2.4 Ah.
- Crimping time: 9 to 2 s with new battery.
- Crimping capacity: to 120 operations with new battery.
- Length: 470 mm.
- Weight: 7.500 kg.
- Delivered in a metal box with 1 charger and 2 batteries.

Item code	Part number
7 512 052	HPA 400

### Accessories

- Fast charger

Item code	Part number
7 512 048	CH 16403

- Battery 14.4 V - 2.4 Ah

Item code	Part number
7 512 047	BA 16225

- Aluminium standard rod on which crimping is operated

Item code	Part number
7 512 050	BE 6468

## Crimping compression tools to be connected "DIELESS" and hydraulic sets 150 bars

### Crimping of tubular lugs and copper butt connectors

#### Hydraulic compression tool to be connected HP 95

##### Crimping capacity

- Tubular lugs and copper butt connectors from 10 to 95 mm<sup>2</sup> (CT, YAV-DM/DE, CU series).

##### General features

- Power: 60 kN.
- "V" indent crimping without changing die.
- Automatic setting of crimping depth.
- Holding handle with hydraulic set control switch.
- Length: 350 mm.
- Weight: 3.0 kg.
- Working pressure: 150 bars
- Be careful to use it only with hydraulic set 150 bars, Part number HA1ES (see below).



Item code	Part number
7 512 057	HP 95

#### Hydraulic compression tool to be connected HP 300

##### Crimping capacity

- Tubular lugs and copper butt connectors from 50 to 300 mm<sup>2</sup> (CT, YAV-DM/DE, CU series).

##### General features

- Power: 100 kN.
- "V" indent crimping without changing die.
- Automatic setting of crimping depth.
- Holding handle with hydraulic set control switch.
- Length: 430 mm.
- Weight: 4.500 kg.
- Working pressure: 150 bars
- Be carefull to use it only with hydraulic set 150 bars, Part number HA1ES (see below).



Item code	Part number
7 512 058	HP 300

#### Electro-hydraulic set 150 bars HA 1ES

To use exclusively with compression tools HP 95 and HP 300.

##### General features

- Compact and portable electro-hydraulic set.
- Pressure: 150 bars maxi.
- Electrical motor: 220 V - 50 Hz
- Power: 0.8 KW.
- Foot control or switch on compression tool to be connected.
- Flow: 4.5 l : mn.
- Oil tank: 3.5 l.
- Dimensions : 270 x 270 x 470 mm.
- Weight: 18 kg (with oil).
- Delivered fitted with flexible hoses and connectors.




Item code	Part number
7 512 056	HA 1ES


Copper conductors	MIRD26	PHD35	MRD50 - HVD51 - ED52	HDC60 - SDC60 - EDC62	MRH70 - H80 - SH80	EDC82	MRD100	HC120 - SC120 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39 (+adaptor UADP1)
Hexagonal crimping and punching Conductor size (mm²) Tubular lugs and sleeves <b>CT series</b> (NF C20-130)	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets
	D2HCU4	D35HCU4	D5HCU4-120		H8HCU6-10	C8HCU6	D10HCU35-95	C12HCU6
	D2HCU6	D35HCU6	D5HCU6-35		H8HCU6-10	C8HCU10	D10HCU50-150	C12HCU6
	D2HCU10	D35HCU10	D5HCU10-50		H8HCU16-25	C8HCU16	D10HCU70-120	C12HCU10
	D2HCU16	D35HCU16	D5HCU16-70		H8HCU16-25	C8HCU25	D10HCU95-150	C12HCU16
	D2HCU25	D35HCU25	D5HCU25-95		H8HCU16-25	C8HCU35	D10HCU120	C12HCU25
	D2HCU35	D35HCU35	D5HCU35-95		H8HCU35-95	C8HCU35	D10HCU150	C12HCU35
	D2HCU50	D35HCU50	D5HCU50-95		H8HCU50-150	C8HCU50	D10HCU185	C12HCU50
	D2HCU70	D35HCU70	D5HCU70-120		H8HCU70-120	C8HCU70	D10HCU240	C12HCU70
					H8HCU95-95	C8HCU95	D10HCU300	C12HCU95
					H8HCU120	C8HCU120	D10HCU400	C12HCU120
					H8HCU150 (1)	C8HCU150	D10HCU500	C12HCU150
					(1) not for MRD50	C8HCU185	D10HCU750	C12HCU185
				C6HCU185	C8HCU240	D10HCU900	C12HCU240	
				C6HCU240	C8HCU300	D10HCU1200	C12HCU300	
				C6HCU300			C12HCU400	

Copper conductors	Y46	SU133 - HU137 - Y39E1E - Y39E1BHE	SU210	SAU400
Tubular lugs and sleeves <b>CT series</b> (NF C20-130)	Die sets	Die sets	Die sets	Die sets
	Die sets C12 + adaptor PUADP1	U13HCU25	U13HCU	
		U13HCU35		
		U13HCU50		
		U13HCU70		
		U13HCU95		
		U13HCU120		
		U13HCU150		
		U13HCU185		
		U13HCU240		
		U13HCU300		
			U21HCU300	
			U21HCU400	
		U21HCU500		
		U21HCU630		
			U40HCU630	
			U40HCU800	
			U40HCU1000	

Copper conductors	MD6* - Y500CT	HC120 - SC120 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39 (+adaptor UADP1)
Tubular lugs for flexible cables <b>CTCUF serie</b> * only till 95mm²	Die sets	Die sets
	WSB06GE1T	WSB06GE1T
	WSB10GE1T	WSB10GE1T
	WSB16GE1T	WSB16GE1T
	WSB25GE1T	WSB25GE1T
	WSB35GE1T	WSB35GE1T
	WSB50GE1T	WSB50GE1T
	WSB70GE1T	WSB70GE1T
	WSB95GE1T	WSB95GE1T
	WSB120GE1T	WSB120GE1T
	WSB150GE1T	WSB150GE1T
	WSB185GE1T	WSB185GE1T
	WSB240GE1T	WSB240GE1T
W170C	W170C	
W16C	W16C	
W25C	W25C	
W35C	W35C	
W50C	W50C	
W70C	W70C	
W95C	W95C	
W120C	W120C	
W150C	W150C	
W185C	W185C	
W240C	W240C	
WP06S	WP06S	
USB06GE1T	USB06GE1T	
USB10GE1T	USB10GE1T	
USB16GE1T	USB16GE1T	
USB25GE1T	USB25GE1T	
USB35GE1T	USB35GE1T	
USB50GE1T	USB50GE1T	
USB70GE1T	USB70GE1T	
USB95GE1T	USB95GE1T	
USB120GE1T	USB120GE1T	
USB150GE1T	USB150GE1T	
USB185GE1T	USB185GE1T	
USB240GE1T	USB240GE1T	
U70C	U70C	
U95C	U95C	
U120C	U120C	
U150C	U150C	
U185C	U185C	
U2540C	U2540C	
Y35P1PO6S	Y35P1PO6S	
Y35P1PO7S	Y35P1PO7S	

Copper conductors	PHD35	MRD50 - HVD51 - ED52	MD6 - Y500CT	HDC60 - SC60 EDC62	HCN60 - SCN60	HC120 - SC120 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39 (+adaptor UADP1) HU137 - EU137 (+adaptor U137G12)	Y46	SH250	
Hexagonal crimping and punching  Tubular lugs and sleeves  <b>YAV - DM/DE series</b> (VDE 0220) MD6 : Only till 95 mm²	Conductor size (mm²)	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	
	6	D35R6	D5R6-35 <i>55MH61DT</i>	W06DGE1T	C6R6	N6R6	C12R6		
	10	D35R10	D5R10-50 <i>55MH185-10TDT</i>	W010DGE1T	C6R10	N6R10	C12R10 <i>U010DGE1T</i>		
	16	D35R16	D5R16-70 <i>55MH150-16TDT</i>	W016DGE1T	C6R16	N6R16	C12R16 <i>U016DGE1T</i>		
	25	D35R25	D5R25-95 <i>55MH120-25TDT</i>	W025DGE1T	C6R25	N6R25	C12R25 <i>U025DGE1T</i>		
	35	D35R35	D5R6-35 <i>55MH95-35TDT</i>	W035DGE1T	C6R35	N6R35	C12R35 <i>U035DGE1T</i>		
	50	D35R50	D5R10-50 <i>55MH70-50TDT</i>	W050DGE1T	C6R50	N6R50	C12R50 <i>U050DGE1T</i>	Die sets U or C12 + PUADP1	H25R50
	70	D35R70	D5R16-70 <i>55MH70-50TDT</i>	W070DGE1T	C6R70	N6R70	C12R70 <i>U070DGE1T</i>		H25R70
	95	D35R95	D5R25-95 <i>55MH95-35TDT</i>	W095DGE1T	C6R95	N6R95	C12R75 <i>U095DGE1T</i>		H25R95
	120	D35R120	D5R120 <i>55MH120-25TDT</i>	W120DGE1T	C6R120	N6R120	C12R120 <i>U120DGE1T</i>		H25R120
150	D35R150	D5R150 (1) <i>55MH150-16TDT</i>	W150DGE1T	C6R150	N6R150	C12R150 <i>U150DGE1T</i>		H25R150	
185		<i>55MH185-10TDT</i>	W185DGE1T	C6R185	N6R185	C12R185 <i>U185DGE1T</i>		H25R185	
240				C6R240	N6R240	C12R240 <i>U240DGE1T</i>		H25R240	
300				C6R300	N6R300	C12R300 <i>U300DGE1T</i>		H25R300	
400								H25R400	

(1) not for MRD50

Copper conductors	PHD35	MRD50 - HVDS1 ED52	MD6 Y500CT	HDC60 - SDC60 - EDC62	HCN60 - SCN60	HC120 - SC120 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39 (+adaptor UADP1) HU137 - EU137 (+adaptor U137G12)	Y46	SH250
Hexagonal crimping and punching Conductor size (mm <sup>2</sup> ) 6 10 16 25 35 50 70 95 120 150 185 240 300 400 500 625  Tubular lugs and sleeves  YCA serie (DIN 46235) MD6 : Only till 95 mm <sup>2</sup>	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets
	D35K5	50MH05DKTC	W5DKT	C6K5(5)	N6K5-5	UDK09BGE2T	Die sets U or C12 + PUADP1	
	D35K6	DSK6-16 50MH06DKTC	W6DKT	C6K6(5)	N6K6-5	C12 K6(10) UDK06BGE2T		
	D35K8	DSK8-12 50MH08DKTC	W8DKT	C6K8(5)	N6K8-5	C12 K8(10) UDK08BGE2T		H25K8(10)
	D35K10	D5K10-14 50MH10DKTC	W10DKT	C6K10(5)	N6K10-5	C12 K10(10) UDK10BGE2T		H25K10(10)
	D35K12	DSK8-12 50MH12DKTC	W12DKT	C6K12(5)	N6K12-5	C12 K12(10) UDK12BGE2T		H25K12(10)
	D35K14	D5K10-14 50MH14DKTC	W14DKT	C6K14(5)	N6K14-5	C12 K14(13) UDK14BGE2T		H25K14(13)
	D35K16	DSK6-16 50MH16DKTC	W16DKT	C6K16(5)	N6K16-5	C12 K16(13) UDK16BGE2T		H25K16(13)
	D35K18	D5K18 50MH18DKTC	W18DKT	C6K18(5)	N6K18-5	C12 K18(14) UDK18BGE2T		H25K18(14)
		D5K20 50MH20DKTC	W20DKT	C6K20(5)	N6K20-5	C12 K20(14) UDK20BGE2T		H25K20(14)
			W22DKT	C6K22(5)	N6K22-5	C12 K22(10) UDK22BGE2T		H25K22(15)
			W25DKT	C6K25(5)	N6K25-6	C12 K25(10) UDK25BGE2T		H25K25(15)
				C6K28(5)	N6K28-5	C12 K28(10) UDK28BGE2T		H25K28(15)
						C12K32 UDK32BGE2T		H25K32(17)
								H25K38(17)
								H25K42(17)
						H25K44(17)		



Copper conductors	HDC60 - SDC60 - EDC62	HCN60 SCN60
Hexagonal crimping and punching	Die sets	Die sets
Conductor size (mm <sup>2</sup> )		
10	C6F10	N6F10
16	C6F16	N6F16
25	C6F25	N6F25
35	C6F35	N6F35
50	C6F50	N6F50
70	C6F70	N6F70
95	C6F95	N6F95
120	C6F120	N6F120
150	C6F150	N6F150
185	C6F185	N6F185
240	C6F240	
300	C6F300	

Copper conductors	MRD50 - HVD51 - ED52	HDC60 - SD60 - EDC62	MRH70 - H80 - SH80	HC120 - SC20 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39	Y46	Y46	SU133 - HU137 - Y39ETE - Y39ETBHE
Hexagonal crimping and punching	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets
Conductor size (mm <sup>2</sup> )							
6	D5ECU6-35	C6ECU6	H8ECU6-10	C12ECU6			
10	D5ECU10-50	C6ECU10	H8ECU6-10	C12ECU10			
16	D5ECU16-70	C6ECU16	H8ECU16-25	C12ECU16			
25	D5ECU25-95	C6ECU25	H8ECU16-25	C12ECU25			
35	D5ECU6-35	C6ECU35	H8ECU35-95	C12ECU35			
50	D5ECU10-50	C6ECU50	H8ECU50-150	C12ECU50			U133ECU50
70	D5ECU16-70	C6ECU70	H8ECU70-120	C12ECU70			U133ECU70
95	D5ECU25-95	C6ECU95	H8ECU35-95	C12ECU95			U133ECU95
120	D5ECU120	C6ECU120	H8ECU70-120	C12ECU120			U133ECU120
150	D5ECU150 (1)	C6ECU150	H8ECU50-150	C12ECU150			U133ECU150
185	(1) not for MRD50	C6ECU185	H8ECU185	C12ECU185			U133ECU185
240		C6ECU240	H8ECU240	C12ECU240			U133ECU240
300				C12ECU300			
400				C12ECU400			

Copper conductors	MD6* - Y500CT	HC120 - SC20 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39	Y46
Hexagonal crimping and punching	Die sets	Die sets	Nest
Conductor size (mm <sup>2</sup> )			Identor
10	W010BGE1T	U010BGE1T	U10C
16	W016BGE1T	U016BGE1T	U16C
25	W025BGE1T	U025BGE1T	U25C
35	W035BGE1T	U035BGE1T	U35C
50	W050BGE1T	U050BGE1T	U50C
Flex (50)	W050FBGE1T	U050FBGE1T	U50FC
70	W070BGE1T	U070BGE1T	U70C
Flex 70	W070FBGE1T	U070FBGE1T	U70FC
95	W095BGE1T	U095BGE1T	U95C
Flex 95	W095FBGE1T	U095FBGE1T	U95FC
120	W120BGE1T	U120BGE1T	U120C
Flex 120	W120FBGE1T	U120FBGE1T	U120FC
150	W150BGE1T	U150BGE1T	U150C
Flex 150	W150FBGE1T	U150FBGE1T	U150FC
185	W185BGE1T	U185BGE1T	U185C
Flex 185	W185FBGE1T	U185FBGE1T	U185FC
240		U240BGE1T	U240C
Flex 240		U240FBGE1T	U240FC
300		U300BGE1T	U300C
Flex 300		U300FBGE1T	U300FC
350 (750kCM)			
375 (750kCM)			
400		U400BGE1T	P38D
Flex 400		U400FBGE1T	P39D
500			P40D
630			P41D
Flex 630			P41D
800 (1500kCM)			P45D
			P45D
			Without nest (head)



Tubular lugs and sleeves

series

YAV

YSM

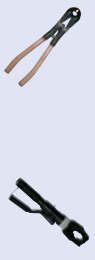
YAV V

YAV V

YSV V - YAV TNGB

YSV - YRV

\*MDS : Only till 95 mm<sup>2</sup>



CU serie

Die sets C12 + PUADP1

U133ECU50

U133ECU70









U133ECU95

U133ECU120

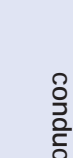



U133ECU150

U133ECU185

U133ECU240

Copper conductors	Hexagonal crimping and punching	 Non-insulated brazed terminals <b>BY serie</b> (DIN 46234) <i>Made : Only till 95 mm²</i>	 <b>MD6 - Y500CT</b>	 <b>HDC60 - SDC60 - EDC62</b>	 <b>HC120 - SC120 - EC127 - Y35 - Y35BH - Y750BH - Y39 - HU137 - EU137</b> <small>(calculator U21U13)</small>				
						Conductor size (mm²)	Nests and indentors	Die sets	Nests and indentors
						10	WVB10	C6DMB10	UVB10
						16	WVB16	C6DMB16	UVB16
						25	WVB25	C6DMB25	UVB25
						35	WVB35	C6DMB35	UVB35
						50	WVB50	C6DMB50	UVB50
						70	WVB70	C6DMB70	UVB70
						95	WVB95	C6DMB95	UVB95
						120	WVB120	C6DMB120	UVB120
						150			UVB150
						185			UVB185
						240			UVB240
Copper conductors	Hexagonal crimping and punching	 Timed copper forged lugs <b>HU serie</b>	 <b>SU133 - HU137 - Y39E1E - Y39E1BHE</b>	 <b>SU210</b>	 <b>SAU400</b>				
						Conductor size (mm²)	Die sets	Die sets	Die sets
						16	U13E180(10)	U13E180(10) + adaptor U21U13	
						25			
						35			
						50			
						70			
						95			
						120			
						150			
						185			
						240			
						300	U21E270(10)		
400		U21E330(10)							
500			U40E330(10)						
630			U40E440(15)						
800			U40E440(15)						
1000			U40E520(15)						
1300			U40E520(15)						



Copper conductors	Hexagonal crimping and punching	 Non-insulated brazed terminals <b>MB (UL serie)</b>	 <b>MRD50 - HVD51 - ED52</b>	 <b>MR70 - H80 - SH80</b>				
					Conductor size (mm²)	Nests and indentors	Nests and indentors	
					6	D5MUJ6-8	D5PUJ6-8	H8MUJ6-8
					10	D5MUJ14-80	D5PUJ14	H8MUJ14
					16	D5MUJ22-70	D5PUJ22-60	H8MUJ22-38
					25	D5MUJ38-60	D5PUJ70	H8MUJ60-70
					35Flex. - 50 Rig.	D5MUJ22-70	D5PUJ14-80	
					50 Flex. - 70 Rig.	D5MUJ14-80		
					70 Flex. - 95 Rig.	D5MUJ100	D5PUJ80-100	H8MUJ80-100
					95 Flex. - 120 Rig.			
					120 Flex. - 150 Rig.			

Copper conductors	Hexagonal crimping and punching	 Timed copper lugs <b>CDCT serie</b>	 <b>SU133 - HU137 - Y39E1E - Y39E1BHE</b>	 <b>SU210</b>	 <b>SAU400</b>				
						Conductor size (mm²)	Die sets	Die sets	Die sets
						75	U13HCT75	U21HCT75	U21HCT75
						116		U21HCT116	U21HCT116
						147		U21HCT147	U21HCT147
181		U21HCT181	U21HCT181						

Aluminium conductors	Conductor size (mm <sup>2</sup> )									Matrices	Adaptor	35	D5E140-173	C6E140(9)	H8E140-173	C8E140(2x9)	D10E140-173	C12E140(2x9) U140BGE5T	U13E140(2x9)	U13E140(2x9)						
												50	D5E140-173	C6E173(9)	H8E140-173	C8E173(2x9)	D10E140-173	C12E173(2x9) U173BGE5T	U13E173(2x9)	U13E173(2x9)	U13E235(2x9)	U13X260	70			
												95											120	150	185	240
												120											150	185	240	
												150											185	240		
												185											240			
												300	C6X260(9)	H8E260(9)	C8X260(9)	D10X260(9)	C12X260(9) U260BGE5T UDK32BGE2T	U13X260	U13X260	U21U13						








ICAU serie







Copper conductors	Hexagonal crimping and punching size (mm <sup>2</sup> )	Preinsulated tubular lugs and sleeves		HC120 - SC20 - EC127 - Y35 - Y35BH - Y750HS - H750BH - Y39 (+adaptor UADP1) HU137 - EU317 (+adaptor U137C12)		10	U8CET
						16	U6CET
						25	U4CET
						35	U2CET
						50	U1CET
						70	U25ET
						70F	U26ET
95	U27ET						
120	U28ET						



series YAEV - YSEV  
\*only till195mm<sup>2</sup>

Copper conductors	PHD35	MRD50 - HVD51 - ED52	HDC60 - SDC60 - EDC62	MRH70 - H80 - SH80	EDC82	MRD100	HC120 - SC120 - EC127 - Y35 - Y35BH Y750HS - Y750BH Y39 (adaptor UADP1) HU137 - EU137 (adaptor U137C12)
							
"C" connectors	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets	Die sets
C6 / YC10C10	DSHCU10-150	W238	C6HCU10	H8HCU6-10	C8HCU10	C12HCU10	C12HCU10 U238
C10 / YC8C8	DSHCU25-95	W162	C6HCU25	H8HCU16-25	C8HCU25	C12HCU25	C12HCU25 U162
C16 / YC4C8	DSHCU16-70	WBG	C6HCU70	H8HCU70-120	C8HCU70	D10HCU70	C12HCU70 UBC
C25-10 / YC4C6	D5ECU25-95	WBG	C6HCU95	H8HCU35-95	C8HCU95	D10HCU95	C12HCU95 UBC
C25PM / YC4C4	D5ECU25-95	WBG	C6HCU95	H8HCU35-95	C8HCU95	D10HCU95	C12HCU95 UBC
C25 / YC2C4	D5E173(5)	WC	C6E173(5)	H8HCU50-150	C8HCU150	D10HCU150	C12HCU150 UC
C35 / YC2	C2D5E173(5)	WC	C6173(5)	H8HCU50-150	C8HCU150	D10HCU150	C12HCU150 UC
C50 / YC50C		W1738GE2T		H8HCU50-150	C8HCU150	D10HCU150	C12HCU150 12DE1739
C70-35 / YC26C2		WE					C12HCU240 UE
C70 / YC26C26		WE					C12HCU240 UE

Copper conductors	Y46	SU133 - HU137 - EU137 - Y39E1E - Y39E1BHE	SU210
			
"C" connectors	Die sets	Die sets	Die sets
C6 / YC10C10	C12HCU10 U238		
C10 / YC8C8	C12HCU25 U162		
C16 / YC4C8	C12HCU70 UBG	U13HCU70	
C25-10 / YC4C6	C12HCU95 UBG	U13HCU95	
C25PM / YC4C4	C12HCU95 UBG	U13HCU95	
C25 / YC2C4	C12HCU150 UC	U13HCU150	U13HCU + adaptor U21U13
C35 / YC2C2	C12HCU150 UC	U13HCU150	
C50 / YC50C	C12HCU150 12DE1739	C8HCU150	
C70-35 / YC26C2	C12HCU240 UE	U13HCU240	
C70 / YC26C26	C12HCU240 UE	U13HCU240	

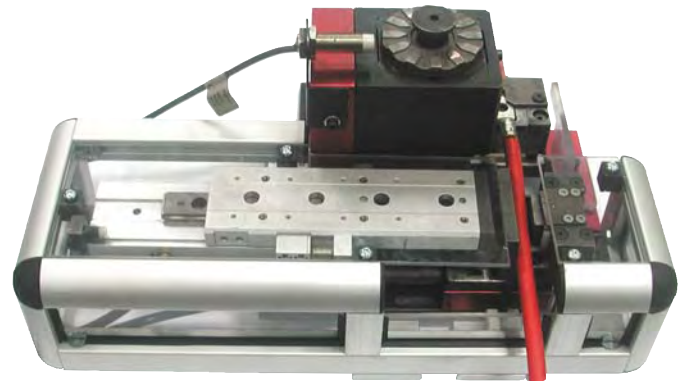
Copper conductors 	HC120 - SC120 - EC127 - Y35 - Y35BH - Y750HS - H750BH Y39 (+ adaptor) 	Y46 	SU133 - HU137 - EU137 - Y39E1E - Y39E1BHE 	SU210 	SAU400 
"C" connectors	Die sets	Die sets	Die sets	Die sets	Die sets
C75	C120C95	C120C95	U130C95	U210C95	U210C95
C95-35 / YC28C2	C120C95 UF	C120C95 UF	U130C95	U210C95	U210C95
YC28C26	UF	UF	adaptor PUADP1	U210C95	U210C95
C95 / YC28C28	C120C95 UF	C120C95 UF		U210C95	U210C95
C120 / YC29C29	U708	U708		U210C150	U210C150
YC31C28	U708	U708			
C120 / YC150M	U708	U708		U210C150	U210C150
C185 / YC185M	U1011	U1011		U210C185	U210C185
C240	U1011	U1011		U210C185	U210C185
YC240C70	(only with Y750) U1011	P1011			
C240-120 / YC240C120	(only with Y750) U1011	P1011		(only with Y750)	
YC240C	U1011	P1011			



## CT-P for tubular and copper brazed terminals of 6 to 95 mm<sup>2</sup>

### General features

- High speed of compression: compression cycle in 4 seconds only. \*Automatic system that guarantees a constant compression quality during all the life time of the applicator.
- Compression dies easily interchangeable.
- Specific protection for the operator safety.
- Certified CE product according to the standards: 98/37/CE(Directive of Security of Industrial Machines) 73/23/CEE (Directive of Electric Security), 36/CEE (Directive of Electromagnetic Compatibility)
- Types of compressions available:
  - Hexagonal with indentor
  - Circumferential
  - Indent
- Possibility to develop components and dies for other kind of terminals, please contact us.



Item code	Part number
7519950	POCT

Characteristics		POCTP
Applicator	Weight (kg)	9.5
	Dimensions (mm)	W360 x H147 x D246
	Pneumatic pressure (Mpa)	0.2
	Power supply (V)	220
	Crimping time <sup>(1)</sup> (s)	<4
	Die change(min)	<1
	Compatible terminals (ref.)	YAV-DM/YAV-M/YAEV/BY/CTCU-F/CT/CU
Press <sup>(2)</sup>	Crimping Height (mm)	135.8
	Stroke (mm)	40
	Maximum force developed (kN)	80
	Power (kW)	4.2 (5.5HP)
	Weight (kg)	150
	Voltage (V)	380
	Dimensions (mm)	W310 x H1100 x D400

(1) Cable cutting and stripping excluded, Terminal loading and removing included.

(2) Possibility to buy POCT-P without press.