



# Hydraulic Crimper

05





As well as retaining most of the information from the last issue of the catalogue, we have added a large section on new products of interest to our industry.

## MANUAL HYDRAULIC TOOLS

### COMPRESSION TOOLS

#### TL1255 HT45E crimping tool

HT45E crimping tool, small and light, for crimping 2 terminals of up to 120 mm<sup>2</sup>. For ease of operation and comfort of the operator, the tool head can rotate through 180 degrees. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, while the pressure release system can be easily operated at any stage of the compression. Supplied in carrying case.

- Dimensions: 346 x 130 mm.
- Crimping force 50 kN.
- Weight 2 kg.



#### TL1253 HT131C Crimping tool

HT131C "C" head hydraulic crimper, for all semicircular slotted dies. The tool head can rotate through 180 degrees. Two speeds, one fast speed for positioning the dies, and a slower speed for crimping. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, while the pressure release system can be easily operated at any stage of the compression. Supplied in carrying case.

- Dimensions: 473 x 144 mm.
- Crimping force 130 kN.
- Weight 5,6 kg.



#### TL1252 HT120KV crimping tool

HT131UC "U" head hydraulic crimper, for all semicircular slotted dies and "deep indent" dies.. The tool head can rotate through 180 degrees. Two speeds, one fast speed for positioning the dies, and a slower speed for crimping. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, while the pressure release system can be easily operated at any stage of the compression. Supplied in carrying case.

- Dimensions: 473 x 144 mm.
- Crimping force 130 kN.
- Weight 5,6 kg.



#### TL1254 HT131UC Crimping tool

HT120KV "C" head hydraulic crimper, for all semicircular slotted dies. The tool head can rotate through 180 degrees. Two speeds, one fast speed for positioning the dies, and a slower speed for crimping. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, while the pressure release system can be easily operated at any stage of the compression. Supplied in carrying case.

- Dimensions: 488 x 149 mm.
- Crimping force 130 kN.
- Weight 5,4 kg.



## CUTTING TOOLS

These hand operated hydraulic cutters are specially designed to cut copper, aluminium and ACSR cables, steel cables and aluminium and steel bars. The blades are manufactured from high strength steel, heat treated to ensure a long service life; the head can be easily opened to allow the cutting of running cables. An automatic safety valve bypasses oil when maximum pressure is reached. The pressure release system can be easily operated at any stage of the operation.

### TL1256 HTTC025 cutting tool

REFERENCE	MODEL	CUT CAPACITY (mm)	DIMENSIONS (mm)	WEIGHT(Kg)
TL1256	HTTC025	24	382x129	3,2
TL1257	HTTC041	40	550x144	5,8
TL1258	HTTC050	50	497x129	4,4

#### NOTE

Model TL1258 is a hand operated hydraulic cutting tool specially designed for cutting copper, aluminium and telecommunications cables. It will not cut steel.



## BATTERY-POWERED HYDRAULIC TOOLS

### COMPRESSION TOOLS

### TL1204 B50 Crimping tool

B50 14.4 V cordless hydraulic crimping tool, lightweight and balanced for single-handed operation. The tool has two speeds, one fast speed for positioning the dies, and a slower speed for crimping. The crimping head can rotate through 180 degrees for ease of operation. Fitted with a maximum pressure valve. Extremely quiet operation, with very little vibration. Supplied in carrying case.

- Dimensions: 297 x 302 mm.
- Crimping force 50 kN.
- Weight 3,85 kg. (with battery).



- Dimensions: 543 x 412 x 130 mm.
- Weight 2,1 kg.



## ■ TL1201 B131C crimping tool

B131C 14,4 V cordless hydraulic crimping tool, lightweight and balanced for single-handed operation. This tool will accept the semicircular slotted dies common to most 130 kN tools. The tool has two speeds, one fast speed for positioning the dies, and a slower speed for crimping. For ease of operation and comfort of the operator, the tool head can rotate through 180 degrees. Fitted with an integral socket for connection to a 12 V dc external power supply/vehicle battery. The tool is fitted with a maximum pressure valve.

- Metal storage case:
- Basic tool with battery and shoulder strap.
- Spare battery.
- Battery charger.
- Storage for 12 semicircular slotted die sets.
- Dimensions: 420 x 250 x 100 mm.
- Crimping force 130 kN.
- Weight 7,4 kg. (with battery).



## ■ TL1202 B131UC crimping tool

B131UC 14,4 V cordless hydraulic crimping tool, lightweight and balanced for single-handed operation. This tool uses all semicircular slotted dies, as well as the accessories for performing the "Deep Stepped Indent" system of crimping on aluminium cables. The tool has two speeds, one fast speed for positioning the dies, and a slower speed for crimping. For ease of operation and comfort of the operator, the tool head can rotate through 180 degrees. Fitted with an integral socket for connection to a 12 V dc external power supply/vehicle battery.

- Metal storage case:
- Basic tool with battery and shoulder strap.
- Spare battery.
- Battery charger.
- Storage for 12 semicircular slotted die sets.
- Dimensions: 435 x 250 x 100 mm.
- Crimping force 130 kN.
- Weight 7,4 kg. (with battery).



Rechargeable high capacity Ni-Cd battery.



Battery charge indicator.



The operating buttons, crimp/release, are mechanically interlocked.

## ■ TL1231 ESC600 Cable

Optional accessory for 12V dc external power supply.





## CUTTING TOOLS

### TL5741 BTC025 Cutting tool

14,4 V cordless hydraulic cutting tool, lightweight and balanced for single-handed operation. The tool features a double speed action: a fast speed for positioning the blades near the cable and a slower more powerful speed for cutting. Models BTC025 and BTC04 are specifically designed to cut copper, aluminium, aluminium-steel cables and steel ropes, aluminium and steel rods. Model BTC050 is designed to cut copper, aluminium and telecommunications cables up to a maximum diameter of 50 mm. Extremely quiet operation, with very little vibration.

REFERENCE	MODEL	CAPACITY (mm)	DIMENSIONS (mm)	WEIGHT(Kg)
TL5741	BTC025	24	304x302x94	4,3
TL5742	BTC04	40	497x250x100	7,8
TL5743	BTC050	50	418x302x94	5,7

#### NOTE

The weights shown include batteries.



## HYDRAULIC HEADS

### PRESSHEADS

#### TL1350 RHC131 Presshead

RHC131 presshead for crimping terminals, with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Specifications as for HT131C.



- Dimensions: 240 x 185 mm.
- Crimping force 130 kN.
- Weight 3,9 kg.

#### NOTE

Specify TL1351 to order the insulated head.

#### TL1355 RHC131 Presshead

RHU131C terminal crimping presshead, with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Specifications as for HT131UC.



- Dimensions: 245 x 89 mm.
- Crimping force 130 kN.
- Weight 3,7 kg.

#### NOTE

Allows the use of deep indent dies.

## TL1230 ECWH3D Presshead

ECWH3D terminal crimping head, with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. With optional adapter TL1191, semicircular slotted dies can be used.

- Dimensions: 290 x 120 mm.
- Crimping force 230 kN.
- Weight 5.2 kg.
- For M.V. and L.V. sleeves and terminals up to 630 mm<sup>2</sup>.



### NOTE

Reference TL5744 includes a set of 2 blades with 20 mm cutting capacity. For use with copper, aluminium, aluminium-steel and steel conductors.

## TL1357 RHU231 Presshead

RHU231 terminal crimping presshead, with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Suitable for aluminium connectors up to 500 mm<sup>2</sup> Copper terminals and connectors up to 630 mm<sup>2</sup>.

- Dimensions: 320 x 110 mm.
- Crimping force 230 kN.
- Weight 6,4 kg.



### NOTE

For aluminium sleeves and terminals up to 500 mm<sup>2</sup>, copper up to 630 mm<sup>2</sup>.

## TL1356 RHU230-630 Presshead

Model RHU230-630 terminal crimping presshead complete with quick automatic coupler for connection to a hydraulic pump with a maximum pressure of 700 bar.

For crimping aluminium up to 630 mm<sup>2</sup> (in accordance with HN68S90). A TL1192-type adapter is available as an optional extra enabling the head to utilise the semicircular slotted dies common to most 130 kN tools.

- Dimensions: 365 x 193 mm.
- Crimping force 230 kN.
- Weight 9 kg.



## TL1358 RHU520 Presshead

RHU520 terminal crimping head, with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Adapter TL1200 is available as an optional extra enabling the head to utilise the semicircular slotted dies common to most 130 kN tools.

- Dimensions: 306 x 200 mm.
- Crimping force 520 kN.
- Weight 18 kg.
- For connectors and terminals up to 1,200 mm<sup>2</sup>. M.V. overhead lines up to 630 mm<sup>2</sup>.



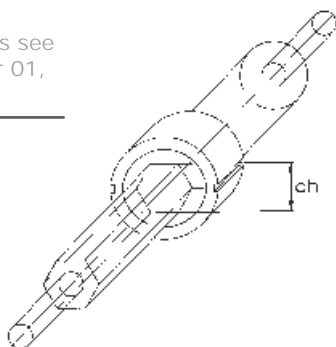
## TL3523 PRT001 Presshead

Crimping heads for terminals and sleeves, with quick connector for connection to a double-acting hydraulic unit with maximum pressure of 700 bar. Optimum weight/power ratio. Very short pressing cycle thanks to the hydraulic piston release.

REFERENCE	MODEL	FEATURES	HEXAGON "ch"	WEIGHT(kg)	DIMENSIONS (mm)
		COMPRESSION(TN)	MAXIMUM(mm)		
TL3523	PRT001	64	44	26	350x180x410
TL3526	PRT060	120	65	52	520x280x450
TL5506	PRT020	184	90	145	600x430x600

### NOTE

For selection of dies see page 41 of Chapter 01, High Voltage.



## CUTTING HEADS

## TL1366 TC050 cutting tool

Cutting tool with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. For cutting copper, aluminium and telecommunications cables.

REFERENCE	MODEL	CAPACITY (mm)	DIMENSIONS	WEIGHT(kg)
TL1366	TC050	50	330x126	3,4
TL1367	TC085	85	405x143	5,1
TL1368	TC096	96	407x245	8,3
TL1369	TC120	120	556x185	10,3

### NOTE

Models TL1368 and TL1369 have handles to facilitate the cutting operation.





## TL5745 TC025 cutting head

Cutting head with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Has the same cutting power as cutting tools HTC025 and HTTC041 respectively.

REFERENCE	MODEL	CAPACITY (mm)	DIMENSIONS (mm)	WEIGHT (Kg)
TL5745	TC025	24	227x87	2
TL1365	TC04	40	330x108	4



## SPECIAL HEADS

## TL1457 Piercing head

Piercing heads with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar.

REFERENCE	MODEL	MAXIMUM DIAMETER (mm)	DIMENSIONS (mm)	WEIGHT (Kg)
TL1457	ALK1540	17	080X170X280	8.5
TL1461	ALK2560	20	120X220X340	15
TL1465	ALK45110	24	150X360X450	32

SET OF P+DIE FOR TL1457 PIERCING HEAD

REFERENCE	TL1486	TL1487	TL1489	TL1491
DIAMETER (mm)	11	13	15	17



## TL5896 HS2000 Spreader

The HS2000 spreader is commonly used for lifting machinery or as a hand press, for separating concrete blocks or rods, or for straightening jobs. The high strength forged steel alloy jaws are equipped with spring return. Complete with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar.

- Capacity: 1000 kg.
- Max. opening 102 mm.



## TL4726 LS330EN Cutting tool

The blades open to 225 mm, allowing the tool to cut 30 mm round steel bar. Cutting force up to 440 kN. Rapid opening and closing. Equipped with several measures to protect against cuts and injuries: all mechanical moving parts are covered. A double acting pump should be used.

- Blades can be re-sharpened.
- Dimensions:  
726 x 225 x 163 mm
- Weight 14,6 kg.



### TL1456 Piercing cylinder

Punch cylinder with quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. For perforations of 16 to 135 mm and 21 x 28 to 136 x 136 mm in 3 mm sheet.

- Dimensions: 140 x 115 mm.
- Weight 2,3 kg.



#### NOTE

Punch and dies: see Page 231, Manual Tools.

### TL1354 Nut-splitting head

Hydraulic nut-splitting head with automatic coupler, for connection to a hydraulic pump with a maximum working pressure of 700 bar. For cutting hexagonal and square nuts, from M12 - M18 (depending on model).

REFERENCE	MODEL	CAPACITY	WEIGHT(Kg)
TL1353	RHTD1724	M12 a M16	1,8
TL1354	RHTD3241	M18 a M27	4,6



## PUMPS

## HYDRAULIC PUMPS

### TL1455

Single speed manually activated hydraulic pump, for use mainly with piercing cylinder TL1456. Includes 1 m hose and quick connector.

- Dimensions  
335 x 115 x 100 mm.
- Weight 3,2 kg.



### TL1333

Two speed hydraulic pedal-activated pump, maximum pressure 700 bar. This pump is supplied with a flexible high-pressure hose, 3 metres long, with female automatic closure quick coupler. The pressure release lever enables pressure to be reduced at any stage of the operation. The solid base provides stability during operation.

- Dimensions  
689 x 200 x 167 mm.
- Weight 13 kg.



### TL1593

Oleo-pneumatic pump, which creates pressure from a compressed air intake. Equipped with a pedal which acts as distributor, pumping fluid to the cylinder or letting it return, depending on whether 'pressure' or 'release' is pressed. Includes 1 m hose and quick connector.

- Dimensions  
340 x 157 x 208 mm
- Weight 6 kg.

#### NOTE

Optional insulated hose.



## ELECTRO-HYDRAULIC PUMPS

## TL4976

## TBH100 220V Pump

Two speed pump, maximum pressure 700 bar. Easy to use as a manual pump, but with the speed of an electric motor. Sealed tank allowing it to work in any position. High impact housing and flame retardant structure. 0,19 kW motor. 220v single phase.

- Dimensions 318 x 191 x 203 mm.
- Weight 9 kg.



## NOTE

Ref. TL2684 includes pedal with 3 metre cable.

## TL5130

## CPE-0 Pump

The CPE-0 is a portable 220v electro-hydraulic pump. The rugged housing and motor make this an efficient pump for hydraulic units and equipment up to 700 bar (10000 psi). The control pedal can increase or reduce pressure at any stage of the operation.

- Dimensions 356 x 182 x 321 mm.
- Weight 25 kg.



## NOTE

A battery-powered version of the CPE-0 is available - see CPE-0-P12 on the next page.

## BATTERY POWERED PUMPS

## TL4975

## TBH100 Pump

Two speed pump, maximum pressure 700 bar. Easy to use as a manual pump, but with the speed of an electric motor. Sealed tank allowing it to work in any position. High impact housing and flame retardant structure. Battery powered models have a 2.4 m cable with crocodile clips for connection to any 12v battery.

- Dimensions 318 x 191 x 203 mm.
- Weight 9 kg.



## TL1206

## B70M-P24 Pump

Portable electro-hydraulic pump, which functions off a separate 24v dc battery, providing a pressure of 700 bar. There are other models available with a socket for connecting an external 24v supply, and insulated models with remote operation by pedal. (More information available on request.) The B70M-P24 is supplied with the following accessories: Flexible 3 m hose with fittings, remote control, external battery charger, canvas rucksack for carrying the accessories.

- Dimensions 380 x 160 x 323 mm.
- Weight 9,8 kg. (Without accessories)



## TL1211 CPE-O-P12 Pump

Portable electro-hydraulic pump, which functions off a 12v battery, providing a pressure of 700 bar. This pump can also be battery operated for independent use. The CPE-O-P12 is supplied with the following accessories: Flexible 3 m hose with fittings, remote control cable, external supply cable, 12v backup battery, 240v battery charger cable and bag for carrying all the accessories.



- Dimensions: 343 x 162 x 353 mm.
- Weight 19,5 kg. (Without accessories).

## PETROL DRIVEN PUMPS

### TL1597 PGM3310R Petrol driven pump

Petrol driven hydraulic pump, maximum pressure 700 bar, single acting, power 5 hp. For use in places where there is no electricity or compressed air supply and a large radius of action is required. Supplied with protective frame.

- Dimensions: 580 x 550 x 430 mm.
- Weight 89 kg.



### TL3388 CPP001 Petrol driven pump

Petrol driven hydraulic pump, maximum pressure 700 bar, double acting, power 4,5 kW. For use in places where there is no electricity or compressed air supply and a large radius of action is required. With protective frame.

- Dimensions: 530 x 340 x 370 mm.
- Weight 54 kg.



## INSULATED CUTTING EQUIPMENT

### TL1208 Hydraulic units

Hydraulic units ideal for the safe exploration and cutting of accidentally live Low/Medium Voltage cables. Used by major power companies, there is a choice of 3 heads depending on the diameter of the conductors to be cut. The units are supplied with a carrying case. Case dimensions: 786 x 430 x 175 mm.

REFERENCE	Ø MAXIMUM (mm)	HEAD DIMENSIONS (mm)	WEIGHT(Kg)
TL1208	85	369,5X135	20.5
TL1209	95	394X242	22.4
TL1210	120	481,5X175	24.4







SECTION mm	CIRCULAR AL	HEXAGON CU	DIE CU	PUNCH CU	CRIMPITS
25	TL1180	TL1234	TL1218	TL1346	TL1212
35	TL1181	TL1235	TL1219		TL1213
50	TL1182	TL1236	TL1220		TL1214
70	TL1183	TL1237	TL1221	TL1347	TL1214
95	TL1184	TL1238	TL1222		TL1215
120	TL1185	TL1239	TL1223		TL1216
150	TL1186	TL1240	TL1224	TL1348	TL1216
185	TL1187	TL1241	TL1225		TL1216
240	TL1188	TL1242	TL1226		TL1217

SECTION mm.	PUNCH PS	TERMINALS DIE	TERMINALS DIE	PARENT ADAPT
50	TL1338	TL1320	TL1324	TL1190
70				
95				
120	TL1340	TL1321	TL1325	
150				
185				
240	TL1345	TL1322	TL1326	TL1199

## TL1376

### Carrying case

Carrying case for hydraulic tools and dies. Model VAL13U is made of metal, and can hold the "U" power head plus accessories and deep indent dies. Models VALP3 and VALP8 are made of PVC, and can hold hydraulic cutters plus 15 sets of dies, or "C" or "U" heads plus 14 sets of dies.

REFERENCE	MODEL	DIMENSIONS	WEIGHT(Kg)
TL1376	VAL13U	450X305X80	5
TL1377	VALP3	620X380X135	2,5
TL1378	VALP8	445X290X115	1,2

#### NOTE

Dies not included.





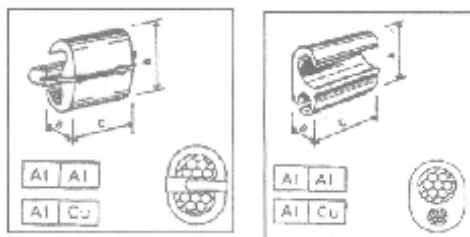
## Tap connector die

For crimping main aluminium or aluminium alloy conductors to copper or aluminium taps and copper rods.



### NOTE

It is important to select the correct crimping die; contact our Technical Department for assistance.



	SECTION MM²				DIMENSIONS			DIE
	MAIN		DERIVATIVE					
REFERENCE	MAX.	MIN.	MAX.	MIN.	A	B	C	HT131C
TL1028	25	10	25	10	33	16	38	CC1 (1)
TL1028	70	35	35	10	33	16	38	CC1 (1)
TL1029	70	50	70	50	43	24,5	43	CC2 (1)
TL1029	95	50	25	10	43	24,5	43	CC2 (1)
TL1029	95	50	35	25	43	24,5	43	CC2 (1)
TL1029	95	70	70	50	43	23,5	43	CC2 (1)
TL1029	120	95	35	25	43	24	43	CC2 (1)
TL1029	120	95	70	50	43	26	88	CC2 (2)

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	SECTION MM²				DIMENSIONS			DIE
	MAIN		DERIVATIVE					
REFERENCE	MAX.	MIN.	MAX.	MIN.	A	B	C	HT1310
TL1027	25	16	35	10	38	18,5	46	CC0 (2)
TL1031	35	16	6	2,5	25	14,2	17,5	CC4 (1)
TL1027	35	35	35	10	42	19,3	46	CC0 (2)
TL1028	70	35	6	2,5	33	18,5	19	CC1 (1)
TL1033	120	50	70	10	52	25,7	54	CC5 (2)
TL1029	120	95	25	10	43	23,7	43	CC2 (1)
TL1029	120	95	120	70	50	22,9	70	CC2 (2)
TL1030	185	120	70	10	58	29,3	54	CC3 (2)
TL1030	185	120	185	120	58	30,7	99	CC3 (3)
TL1030	240	120	120	70	58	29,6	99	CC3 (3)
TL1030	300	240	70	10	58	33,3	54	CC3 (2)

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## Tap connector die

Passive aluminium tap die for compression connection of aluminium connectors to aluminium taps.



### NOTE

The number in brackets in the Die column indicates the number of notches necessary for correct compression of the conductor.

	SECTION MM²				DIMENSIONS			DIE
	MAIN		DERIVATIVE					
REFERENCE	MAX.	MIN.	MAX.	MIN.	A	B	C	HT131C
TL1031	16	10	10	10	19	12,6	32	CC4 (2)
TL1031	16	10	16	10	19	12,6	32	CC4 (2)
TL1032	35	25	10	10	25	16,4	38	CC6 (2)
TL1032	35	25	16	16	25	16,4	38	CC6 (2)
TL1032	35	25	35	25	25	16,4	38	CC6 (2)
TL1027	70	50	35	16	35	21,7	64	CC0 (3)
TL1027	70	50	35	35	35	21,7	64	CC0 (3)
TL1027	70	50	50	50	35	21,7	64	CC0 (3)
TL1027	70	50	70	50	35	21,7	64	CC0 (3)
TL1033	120	95	35	10	41	25	70	CC5 (3)
TL1033	120	95	50	50	41	25	70	CC5 (3)
TL1033	120	95	70	70	41	25	70	CC5 (3)
TL1033	120	95	120	95	41	25	70	CC5 (3)
TL1034	185	150	50	35	52	31,8	40	CC7 (2)
TL1034	185	150	95	70	52	31,8	64	CC7 (2)

() N° DE ENTALLAS.

## TL1544 UPH120 Unit

UPH120 punch unit for copper and aluminium bars. The punching system produces clean holes with no crushing. With quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Maximum thickness 10 mm. Maximum diameter 21 mm.

- Dimensions 290 x 160 x 400 mm.
- Weight 24 kg.



### NOTE

Ref. TL1553: unit UPH200, maximum thickness 15 mm.

## TL1478 Positioning base

Allows positioning of punches at the required co-ordinates using two calibrated rules.



### NOTE

Reference TL1481: positioning base for unit UPH200.

## TL1541 Set of P+die for UPH120 punch

REFERENCE	TL1541	TL1542	TL1545	TL1548	TL1550
DIAMETER (mm)	10	11	13	15	17



## TL1537 UPH120 Unit

UCH120 cutting unit for copper and aluminium bars, greatly simplifies operations, with precise cuts and no crushing. With quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Maximum thickness 10 mm.

- Dimensions 210 x 250 x 590 mm.
- Weight 35 kg.



### NOTE

Ref. TL1538: unit UCH200, maximum thickness 15 mm.

## TL1480 Self-centring vice

Self-centring vice which ensures that all cuts are perpendicular to the longitudinal axis of the bars.



### NOTE

Ref. TL1479: self-centring vice for unit UCH200.

## TL1539

### UDH120 Unit

UDH120 unit for bending copper and aluminium bars; the system keeps the bars in view during the entire bending process. With quick connector for connection to a hydraulic pump with maximum pressure of 700 bar. Maximum thickness 10 mm.

- Dimensions 600 x 405 x 225 mm.
- Weight 21,5 kg.



#### NOTE

The limit switch accessory is supplied as an option, and must always be used with an electro-hydraulic pump.

Reference TL1540: unit UDH200, maximum thickness 15 mm.

## HYDRAULIC PIPE BENDERS

## TL1839

### Pipe benders

Hydraulic pipe benders for steel conduit tubes (metric). These two models curve tubes from 16 to 63, cold-forming perfect curves at the required angle using the tube rolling system. A large selection of dies is available - more information is available on request.

REFERENCE	MODEL	CAPACITY	WEIGHT(Kg)
TL1839	FACH1	16-40	40
TL1842	FACH2	16-63	90

#### NOTE

Ref. TL1839 is supplied with the following dies: M-16-20-25-32-40.

Ref. TL1842 is supplied with the following dies: M-16-20-25-32-40-50-63.



### QUICK CONNECTORS

Designed for use up to 700 bar with pressheads, cylinders, etc. These are pressure type (no thread) connectors, and the head can be changed in seconds. Each half has a very precise closure system providing a hermetic seal when disconnected. Capable of high fluid flow rates. Supplied with dust caps.

- ▶ **TL2676**  
Female  
connector



- ▶ **TL2678**  
Male  
connector



- ▶ **TL4729**  
Insulated  
female  
connector



- ▶ **TL4731**  
Insulated  
male  
connector



#### NOTE

Insulated quick connectors have a different coupling system to prevent them being used with units or accessories with conventional quick connectors.

### HOSES

- **TL2662**  
Standard hose

Flexible high pressure hoses for connecting hydraulic heads to pumps. High strength reinforced hose. The rubber sheath is oil-resistant and weatherproof. Hoses are supplied with quick connectors at each end, and are filled with hydraulic fluid.

REFERENCIA	LONGITUD (m)
TL2662	3
TL2667	10
TL2669	15

#### NOTE

Other measurements available.

Do not adapt these hoses for connection to insulated units.



- **TL2663**  
Non-conductive hose

Flexible high pressure hoses for connecting hydraulic heads to pumps. For use in applications which require electrically insulated hoses. The sheath is orange polyurethane for easy identification as non-conductive hose. The sheaf is not perforated in order to prevent the entry of moisture which would create conductivity.

REFERENCE	LENGTH (m)
TL2663	3
TL2668	10
TL2670	15

#### NOTE

Non-conductive hoses are supplied without quick connectors.

Other measurements available.



## THREE WAY DISTRIBUTOR

### TL1415 Distributor

Three way distributor valve which allows the use of several hydraulic units with one single pump, avoiding having to disconnect and reconnect machines.



## OILS

### TL1049 Special oils

Standard hydraulic fluid for reliable performance of hydraulic pumps and cylinders. Contains foam-suppressant additives and has a high viscosity index. It is essential to check fluid levels in pumps, jacks, cylinders, etc. regularly to extend the life of these tools and to avoid breakdowns and unnecessary wear.

REFERENCE	TYPE	PACKAGE(I)
TL1049	Standard	1
TL1157	Insulated	1
TL1590	Petrol Driven Pump	5
TL1832	Pipe Benders	1
TL2413	Cutting Oil	1

#### NOTE

The containers shown are standard: higher volume containers may be available.

