

Hydraulic Crimping Tools

ITC's hydraulic crimping tools are ideally suited for crimping copper and aluminium lugs, butt splices and terminals.

Both manual crimping tools are offered to complete the AWG range from 10mm² to 400mm² (~8AWG to ~750MCM). All hydraulic tools come in a rugged plastic carrying case, with compartments for a complete set of crimping dies.

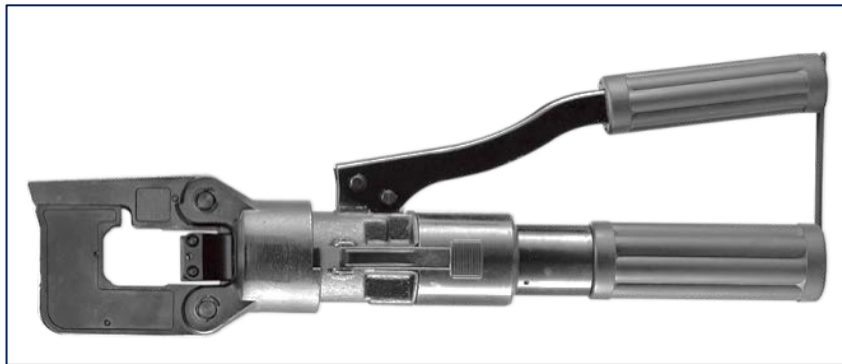
The lightweight manual hydraulic crimping tools are ideal for working in confined spaces due to their limited dimensions. Changing dies is extremely easy and does not require any tools.

There is a safety valve, to by-pass the oil supply whenever maximum pressure is reached, thus avoiding any damage to the tool or to the die set. The pressure relief valve can also be manually operated at any stage of the compression process.

The available high-quality crimping dies conform to DIN46235, and feature a crimp die mark on each die.



5 Ton Hydraulic Crimping Tool 240R



5 Ton Hydraulic Crimping Tool (Order by Part No.)

Part No.	Model	Description/model	Minimum terminal size	Maximum terminal size	Force	Weight (kg) (*)
502.551K	240R	5 ton manual hydraulic crimping tool	8AWG 10mm ²	500MCM 240mm ²	5.3 TONS 52kN	2.4

Information subject to change without notice

(*) Excluding dies and case

Crimping Dies for 502.551K (Order by Part No.)

Part No.	Model	Range (copper lugs)	Terminal Color (*)	Die mark
502.551K-1016	AHE-1016	8-6AWG; 10-16mm ²	RED / BLUE	10 / 16
502.551K-2535	AHE-2535	4-2AWG, 25-35mm ²	GREY / WHITE / GREEN	25 / 35
502.551K-5070	AHE-5070	1-2/0AWG; 50-70mm ²	GREEN / PINK / BLACK	50 / 70
502.551K-95120	AHE-95120	3/0AWG-250MCM; 95-120mm	ORANGE / PURPLE / YELLOW	95 / 120
502.551K-150	AHE-150	300MCM; 150mm ²	WHITE	150
502.551K-185	AHE-185	350/400MCM; 350mm ²	ORANGE / BLUE	185
502.551K-240	AHE-240	500MCM; 240mm ²	BROWN	240

Information subject to change without notice; Note - Correspondence to AWG is approximate

(*) refer to color-coded power lugs and butt splices

13 Ton Hydraulic Crimping Tool 4113



13 Ton Hydraulic Crimping tools (Order by Part No.)

Part No.	Model	Description/model	Minimum terminal size	Maximum terminal size	Force	Weight (kg) (*)
502.771K	HYCP-4413	12.7 ton manual hydraulic crimping tool	1/0AWG 16mm ²	750MCM 400mm ²	12.7 TONS 125kN	7.6

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 (*) Excluding dies and case

Crimping Dies for 502.771K (Order by Part No.)

Part No.	Model	Range (copper lugs)	Color (*)	Die mark
502.771K-16	CU-16	6AWG; 16mm ²	BLUE	16
502.771K-25	CU-25	4AWG, 25mm ²	GREY	25
502.771K-35	CU-35	2AWG; 35mm ²	WHITE	35
502.771K-50	CU-50	1AWG; 50mm	GREEN	50
502.771K-70	CU-70	2/0AWG; 70mm ²	BLACK	70
502.771K-95	CU-95	3/0AWG; 95mm ²	ORANGE	95
502.771K-120	CU-120	4/0AWG; 120mm ²	PURPLE	120
502.771K-150	CU-150	300MCM; 150mm ²	WHITE	150
502.771K-185	CU-185	350MCM; 185mm ²	ORANGE	185
502.771K-240	CU-240	500MCM; 240mm ²	BROWN	240
502.771K-300	CU-300	600MCM; 300mm ²	GREEN	300
502.771K-400	CU-400	750MCM; 400mm ²	BLACK	400

Information subject to change without notice; Note - Correspondence to AWG is approximate
 (*) refer to color-coded power lugs and butt splices

A power-operated hydraulic tool, K-ED10, is available. Using the appropriate adaptors, the K-ED10 [ITC Part No. 502.851K] tool can easily perform various tasks:

- Crimp lugs and terminals
- Cut DIN rails
- Cut threaded rods
- Cut standard Cu and Al cables
- Cut ACSR cables

For all ITC tools, warranty against manufacturing defects is 1 year.

