

# HYDRAULIC CUTTING TOOL HT-TC026Y

## *general features*

Hand operated hydraulic tool specifically designed to cut copper, aldreya, aluminum, aluminum-steel cables, stay wire and steel ropes having a max overall diameter of 25 mm and steel earthing rod up to 16 mm.

The tool features a double speed action.

The blades are manufactured from high strength special steel, heat treated to ensure a long service life.

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow the cutting of running cables.

HT-TC026Y features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.



CUTTING CAPACITY				
MATERIAL	TENSILE STRENGTH (daN/mm <sup>2</sup> )	MAX CUTTING DIAMETER (mm)		
ROPE & CONDUCTORS	COPPER	≤ 41	25	
	ALUMINIUM	≤ 20	25	
	ALDREY	≤ 34	25	
	STEEL	≤ 180	INDICATIVE EXAMPLES: 7 x 3,0 : Ø est. = 9,0 mm 19 x 2,1 : Ø est. = 10,5 mm 19 x 2,3 : Ø est. = 11,5 mm	
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	18	
			25 INDICATIVE	

	ACSR	≤ 180	EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80
RODS	STEEL	≤ 60	13
		≤ 42	16
	COPPER	≤ 30	20
		≤ 25	23
	ALUMINIUM	≤ 16	25

<i>cutting capacity - a few examples:</i>		
Ø mm	Ø in.	<i>EARTHING RODS AND STAY WIRES</i>
12,7	1/2"	STEEL EARTHING ROD, COPPER PLATED; Tensile strength = 79 daN/mm <sup>2</sup>
14,2	/	STEEL EARTHING ROD, COPPER PLATED; Tensile strength = 69 daN/mm <sup>2</sup>
15,6	/	STEEL EARTHING ROD; Tensile strength = 69 daN/mm <sup>2</sup>
15,9	5/8"	STEEL EARTHING ROD, COPPER PLATED (CON ED - ILLINOIS); Tensile strength = 57 daN/mm <sup>2</sup>
15,9	5/8"	STEEL EARTHING ROD, COPPER PLATED (CON ED - STATEN ISLAND); Tensile strength = 78 daN/mm <sup>2</sup>
19	3/4"	STEEL EARTHING ROD, COPPER PLATED; Tensile strength = 74 daN/mm <sup>2</sup>

9,15 (3,05x7)	/	<i>STAY WIRE</i>
10,8 (3,6x7)	/	<i>STAY WIRE (PORTLAND GENERAL ELECTRIC)</i>
11,1 (3,7x7)	/	<i>STAY WIRE (PORTLAND GENERAL ELECTRIC)</i>
12,3 (4,1x7)	/	<i>STAY WIRE (PORTLAND GENERAL ELECTRIC)</i>
12,6 (4,2x7)	/	<i>STAY WIRE (PORTLAND GENERAL ELECTRIC)</i>

Ideal for earthing rod and stay wire

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## *Technical characteristics*

### PROPERTIES

Width	129 mm
Length	394.5 mm
Weight	3.35 kg
Maximum cutting diameter	25 mm
Type of action	Cutting



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*Products used together*

Tools

**PRESSURE TEST DEVICE FOR HYDRAULIC PUMPS AND TOOLS MPC1 - MPC1**