

# HYDRAULIC CUTTING TOOL HT-TC041N

## OVERHEAD LINE APPLICATION

Hand operated hydraulic tool specifically designed to cut copper, aldre, aluminum, aluminum-steel cables and steel ropes, aluminum and steel rods having a max overall diameter up to 1-25/32 inches (1590 MCM ACSR).

This model is self contained, robust and sturdy.

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

HT-TC041N 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 (lbs/sq.in.)	MAX CUTTING DIAMETER (in.)	
		COPPER	≤ 59,450
ALUMINUM	≤ 29,000	1-25/32"	
ALDREY	≤ 49,300	1-25/32"	
ROPES & CONDUCTORS	STEEL	≤ 261,000	INDICATIVE EXAMPLES: 7 x 0.118 = Ø out. 0.354 19 x 0.083 = Ø out. 0.413 19 x 0.091 = Ø out. 0.453
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 261,000	0.709
	ACSR	≤ 261,000	1-25/32" INDICATIVE EXAMPLES: 26 x 0.098 + 7 x 0.077 : Ø out. = 0.624 26 x 0.120 + 7 x 0.094 : Ø out. = 0.763 26 x 0.142 + 7 x 0.110 : Ø out. = 0.897
	STEEL	≤ 87,000	0.709
	STEEL	≤ 60,900	0.787

RODS	COPPER	$\leq 43,000$	1.181
		$\leq 36,250$	1.260
	ALUMINUM	$\leq 23,200$	1-25/32"

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## *Technical characteristics*

### PROPERTIES

Type of action	Cutting
Maximum cutting diameter	1.77 in.
Nominal pressure	10150 psi
Width	5.67 in.
Length	21.65 in.
Weight	12.76 lbs.



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*In the same kit*

## Storage

**CASE VAL - Plastic case VAL-P7**

*Products used together*

## Tools

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