

## TRUTEK LV500M - AUTOMATIC PAT TOOL

### Usage:

- individual fasteners in concrete and steel with nails from 16mm to 72mm long
- serial fastenings in concrete and steel with magazine nails 16 to 62mm long
- fixing plywood and boards to concrete during formwork works
- fixing safety shafts, door and window openings at the construction site
- fixing of drywall steel profiles
- fixing in electric holders and installation accessories
- individual fastening of flashings during facade assembly
- single fastening of steel and trapezoidal sheets to steel structures



### Advantages:

- speed of work - setting directly in the ground without the need for drilling both in the ground and in the material being fastened
- automatic reloading of gunpowder and nail in the version with a magazine
- possibility of placing single and magazine nails with head diameter 8mm
- simple operation and maintenance
- solid and damage resistant construction
- version with magazine powder and nail charges are in strips of 10 s pcs which allows for 10 consecutive fastenings without loading
- possibility of converting the fastening tool into a single version - both the magazine and the single foot are located on front nose piece as well as insulation version
- highest safety of work with the fastening tool - protection against unwanted firing of powder charge

### Substrate material:

Concrete and reinforced concrete class max. C30 / 37, hot rolled structural steel, solid ceramic brick, silicate block and hollow silicate block

Technical data of the LV500M nailer	
Tool weight	3,2kg
Tool length	340mm
Guide diameter	9mm
Cartridge caliber	6,8/11 Calibre with 10 shots.



### Selection of ammunition depending on the type of ground

Product Code	Power	Colour	Steel <8mm	Steel >6mm	Steel >4mm	Concrete C40/45	Concrete C20/25	Concrete >C16/20	Silicate Brick	Full Brick
TCRM	Silny	Red								
TCYM	Average	Yellow								
TCGM	Weak	Green								

Use in the following tools: TRUTEK LV500, LV350, and HILTI TYPE TOOLS

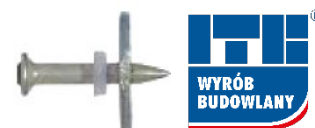




## Single nails - TD for embedding in steel and concrete

Product Code	Diameter dxL [mm]	Min. Embedment depth in the ground [mm]				Max. attached element thickness [mm]			
		C16/20	C20/25	C25/30	Stal	C16/20	C20/25	C25/30	Stal
TD16	3,7x16	–	–	–	4	–	–	–	6
TD19	3,7x19	–	–	–	4	–	–	–	9
TD22	3,7x22	–	–	–	4	–	–	–	12
TD27	3,7x27	22	22	22	4	5	5	5	17
TD32	3,7x32	22	22	22	4	10	10	10	22
TD37	3,7x37	22	22	22	4	15	15	15	27
TD42	3,7x42	22	22	22	4	20	20	20	32
TD47	3,7x47	22	22	22	4	25	25	25	37
TD52	3,7x52	22	22	22	4	30	30	30	42
TD57	3,7x57	22	22	22	4	35	35	35	47
TD62	3,7x62	22	22	22	4	40	40	40	52
TD72	3,7x72	22	22	22	4	50	50	50	62
TD82	3,7x82	22	22	22	4	60	60	60	72
TD90	3,7x90	22	22	22	4	68	68	68	80
TD97	3,7x97	22	22	22	4	75	75	75	87

Use in the following tools: TRUTEK LV300MA, LV500, LV350, LV600M and HILTI DX A40, DX A41, DX 351, DX 450, DX 460, DX5



## TMWP nails with a metal washer Ø23mm

Product Code	Diameter dxL [mm]	Min. Embedment depth in the ground [mm]				Max. attached element thickness [mm]			
		C16/20	C20/25	C25/30	Steel	C16/20	C20/25	C25/30	Steel
TMWP27	3,7x27	22	22	22	4	5	5	5	17
TMWP32	3,7x32	22	22	22	4	10	10	10	22
TMWP47	3,7x47	22	22	22	4	25	25	25	37

Use in the following tools: TRUTEK LV300MA, LV500, LV350, LV600M and HILTI DX A40, DX A41, DX 351, DX 450, DX 460, DX5

## Strength parameters of single TD nails

Pin designation	TD
Recommended load capacity for pulling out the nail from the Nzal steel substrate [kN]	2,0
Recommended load-bearing capacity for pulling the nail out of the Nzal concrete substrate [kN]	1,0
Design load on nail shear in steel substrate and in Vzal concrete [kN]	2,0
Minimum center distance in steel in [mm]	12
Minimum inter-axle spacing in concrete C20 / 25w [mm]	75
Minimum distance from the edge in steel in [mm]	25
Minimum distance from the edge in concrete C20 / 25w [mm]	75