

## TRUTEK LV600M - 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 and 9mm
- simple operation and maintenance
- solid and damage resistant construction
- version with magazine powder and nail charges are in straps 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
- 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 LV600M nailer	
Tool weight	3,2kg
Tool length	340mm
Guide diameter	9mm
Cartridge caliber	6,3/10 w dyskach po 10 szt.



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

Product Code	Cartridge calibre	Power	Colour	Steel <12mm	Steel <8mm	Steel >6mm	Steel >4mm	Concrete C40/45	Concrete C20/25	Concrete >C16/20	Silicate Brick	Full Brick
TDL10CR	6.3/10	Strong	Red									
TDL10CY	6.3/10	Average	Yellow									
TDL10CG	6.3/10	Weak	Green									

Use in the fastening tools: TRUTEK LV600M, SPIT P370 SPITFIRE, SPIT 200, P70SR, P60, P45



## TD single and TDM magazine nails for embedding in steel and concrete with a head diameter of



Product Code		dimension: dxL [mm]	Min. Embedment depth in the ground [mm]				Max. attached element thickness [mm]			
Single Nails	Magazine Nails		C16/20	C20/25	C25/30	Steel	C16/20	C20/25	C25/30	Steel
TD16	TDM16	3,7x16	-	-	-	4	-	-	-	6
TD19	TDM19	3,7x19	-	-	-	4	-	-	-	9
TD22	TDM22	3,7x22	-	-	-	4	-	-	-	12
TD27	TDM27	3,7x27	22	22	22	4	5	5	5	17
TD32	TDM32	3,7x32	22	22	22	4	10	10	10	22
TD37	TDM37	3,7x37	22	22	22	4	15	15	15	27
TD42	TDM42	3,7x42	22	22	22	4	20	20	20	32
TD47	TDM47	3,7x47	22	22	22	4	25	25	25	37
TD52	TDM52	3,7x52	22	22	22	4	30	30	30	42
TD57	TDM57	3,7x57	22	22	22	4	35	35	35	47
TD62	TDM62	3,7x62	22	22	22	4	40	40	40	52
TD72	TDM72**	3,7x72	22	22	22	4	52	52	52	62
TD82*	-	3,7x82	22	22	22	4	62	62	62	72
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 and SPIT P370 SPITFIRE, SPIT 200, P70SR, P60, P45. \*WARNING! The TD82 and TD97 nails require a special piston!

## Gwoździe pojedyncze TC i magazynkowe TC M do osadzania w stali i betonie o średnicy łba 9mm



Product Code		dimension dxL [mm]	Min. Embedment depth in the ground [mm]				Max. attached element thickness [mm]			
Single Nails	Magazine Nails		C16/20	C20/25	C25/30	Stal	C16/20	C20/25	C25/30	Stal
TC15	TC15M	3,7x15	-	-	-	4	-	-	-	5
TC20	TC20M	3,7x20	-	-	-	4	-	-	-	10
TC25	TC25M	3,7x25	22	22	22	4	3	3	3	15
TC30	TC30M	3,7x30	22	22	22	4	8	8	8	20
TC35	TC35M	3,7x35	22	22	22	4	13	13	13	25
TC40	TC40M	3,7x40	22	22	22	4	18	18	18	30
TC50	TC50M	3,7x50	22	22	22	4	28	28	28	30
TC60	TC60M	3,7x60	22	22	22	4	38	38	38	50
TC70	-	3,7x70	22	22	22	4	48	48	48	60
TC80	-	3,7x80	22	22	22	4	58	58	58	70

Use in the following tools: TRUTEK LV600M and SPIT P370 SPITFIRE, SPIT 200, P70SR, P60, P45

## TMWP nails with a metal washer Ø23mm

Product Code	dimension 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 TD and TC single nails and TDM and TC M magazine nails

Pin designation	TD; TDM; TC; TC M
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