

# AUTOMATIC GAS FILLING MACHINE TGT IS200

# Usage:

- fast fixing of thermal insulation boards using TRUTEK TIF60 and TIF90 fasteners
- TRUTEK TIF60 fasteners are dedicated for fixing hard insulation boards made of expanded polystyrene, the socalled foam
- TRUTEK TIF90 fasteners are dedicated for fixing boards and mats of soft insulation, e.g. made of mineral wool
- fixing in concrete, steel, ceramic and silicate full brick
- fixing thermal insulation boards up to 200mm thick

## Advantages:

- work speed setting directly in the ground without drilling in the ground and in the insulating material
- automatic gas withdrawal from the container, which is sufficient for approx. 1,200 deposits
- the highest safety of working with sludge, protection against unwanted firing of gas
- the plant is battery powered, which allows 4000 seats at a temperature of + 20 ° C
- lack of power cords increases safety and comfort of work
- high yield up to 800 fixes per hour

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### Substrate material:

Concrete and reinforced concrete class max. C30 / 37, structural steel rolled for heat, full face, full strength, b block of silicon and hollow steel, hollow silicon

Technical data of the TGT IS200 nailer				
Tool weight	3,3kg			
Tool length	530mm			
Guide diameter	6,3mm			
Max. connector length	200mm			
Nail gun power	90J			





# **Technical parameters of the TIF60 and TIF90 pins**

Product Code	Substrate material	Insulation material	Pin Colour	Disc diameter	Insulation thickness	Nail Dia. and length	Effective nail depth	Pin length
				d [mm]	t <sub>fix</sub> [mm]	dg x Lg,red [mm]	h <sub>ef</sub> [mm]	L [mm]
TIF60080			e white	white 60	80	stepped nail 3,2/3,7x52	18-25	75
TIF60100					100			95
TIF60120	concrete				120			115
TIF60140	silicate expanded block polystyrene full brick	•			140			135
TIF60150					150			145
TIF60160		Styroroann			160			155
TIF60180				180			175	
TIF60200					200			195
TIF90080	concrete silicate mineral block wool full brick			80			80	
TIF90100					100			100
TIF90120					120			120
TIF90140		black	90	140	stepped nail 3,2/3,7x52	18-25	140	
TIF90150				150			150	
TIF90160				160			160	
TIF90180				180			180	
TIF90200					200			200



# Recommended load capacities for TIF pins in concrete of min. Class C20 / 25

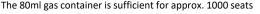
Connector designation	TIF
Effective embedment depth h <sub>ef</sub> [mm]	18-25
Recommended pull-out load capacity Nrec [kN]	0,3
Recommended shear capacity V <sub>rec</sub> [kN]	0,3
Stud spacing S <sub>min</sub> [mm]	75
Distance from the edge C <sub>min</sub> [mm]	75
Recommended number of pins on 1m <sup>2</sup> [szt/m <sup>2</sup> ]	4
Minimal substrate thickness h <sub>min</sub> [mm]	100
Type gas gun TRUTEK	TGT IS200 or LV600M*

\* the LV600M fastener should be equipped with a guide for LV60017 insulation pins, the maximum length of the pin can be mounted with LV600M with a guide for insulation pins is 160mm. The entire European Technical Assessment ETA should be considered when designing



### **Gas charges**

Product Code	Description	Weight [g]	Capacity [ml]	Number of pieces in packaging
TGC-165S	gas for the fastening tool	40	80	20
The 80ml gas container is	sufficient for approx 1000 seats			





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