

Control and position slides

Series TRP 150 N

The machine-tooled structure is made of anodized aluminium; the cylindrical guides are made of hardened, ground stainless steel. Carriage movement on self-lubricating bronze bushings with tight tolerance coupling. Stainless steel control screw, technopolymer nut with axial clearance recovery: guarantees high smoothness and positioning repeatability. The units are designed for cross assembly, with the possibility of different travel lengths. Manual control or on request, motorized control is available.

Series TRP 150 N

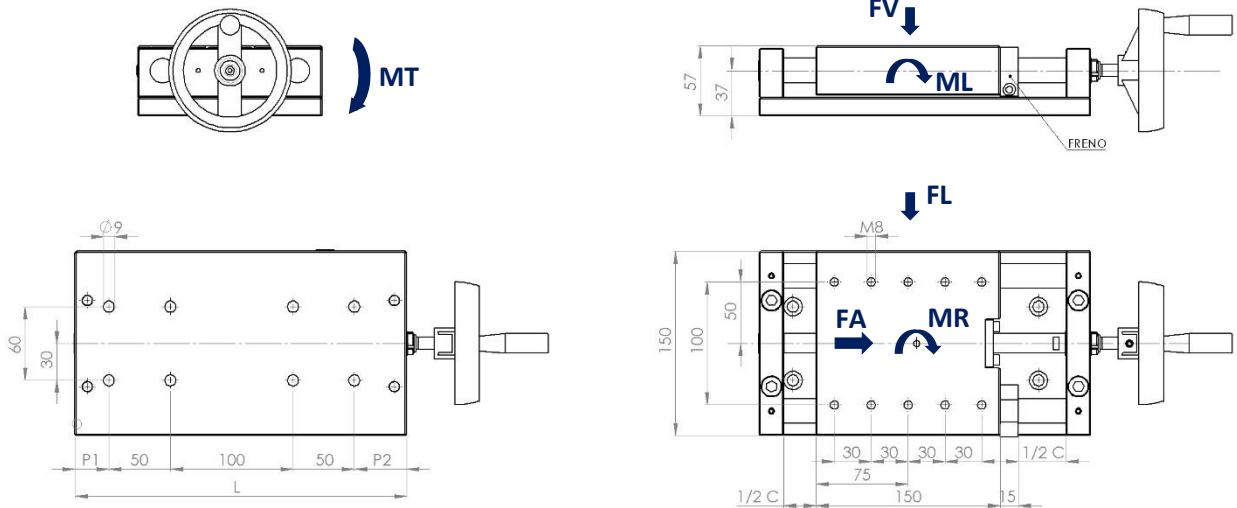


TABLE	Travel	L	P1	P2	Weight (Kg)
TRP 150N-60	60	270	27,5	42,5	6,4
TRP 150N-120	120	330	57,5	72,5	7,2
TRP 150N-180	180	390	87,5	102,5	8,0
TRP 150N-240	240	450	117,5	132,5	8,8

Values in mm

TECHNICAL FEATURES

Control screw: TR16x4

Slide bar: diam. 20mm AISI 420

Control handwheel: diam. 100mm

Brake on guide rod

PERMISSIBLE STATIC LOADS AND MOMENTS (INDICATIVE)

FV/FL= 1.600 N

FA= 1800 N

ML/MR= 48 Nm

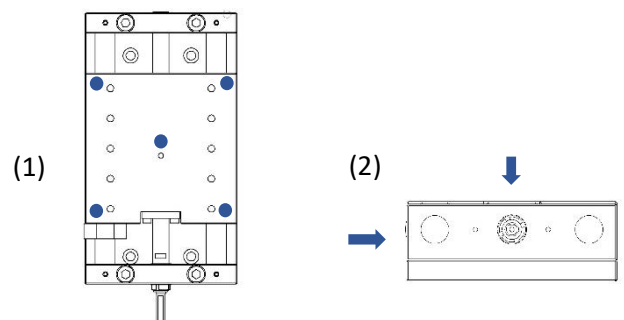
MT= 96 Nm

CONSTRUCTION TOLERANCES

TABLE	Carriage levelness (µm)	Parallelism carriage with base (µm)
TRP 150N-60	40	40
TRP 150N-120	40	40
TRP 150N-180	50	50
TRP 150N-240	50	50

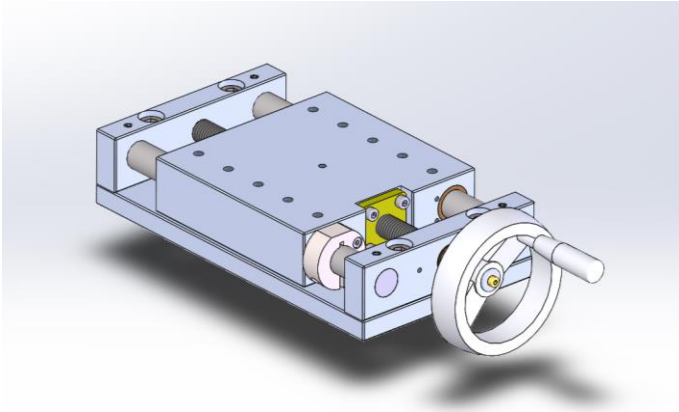
(1)

(2)

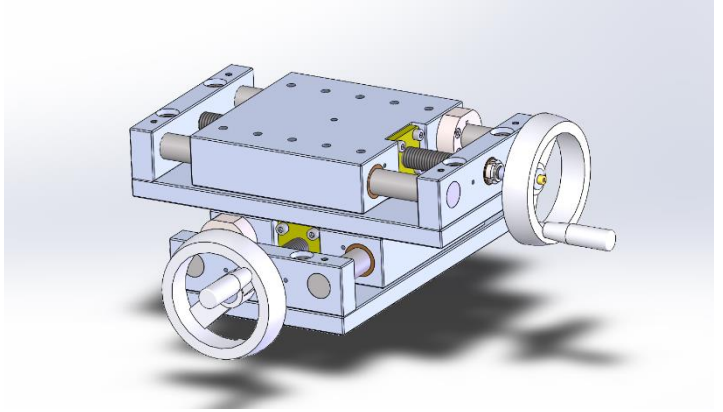


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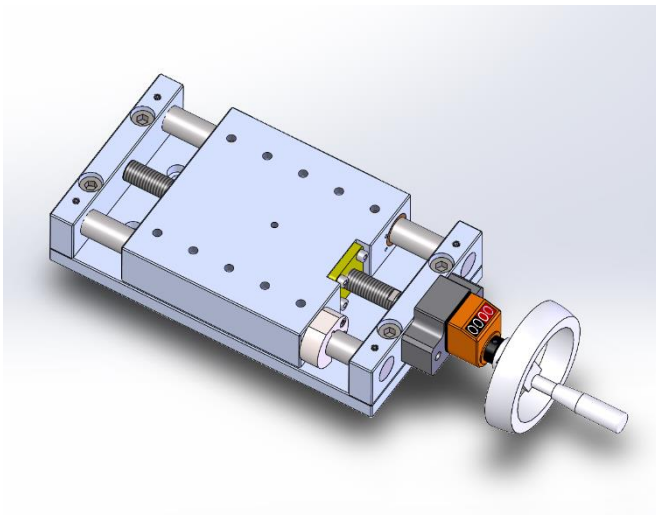
Standard



Mounting x-y



Position reader



FEATURES:

Position indicator with mechanical counter, RAL 2004 orange color.

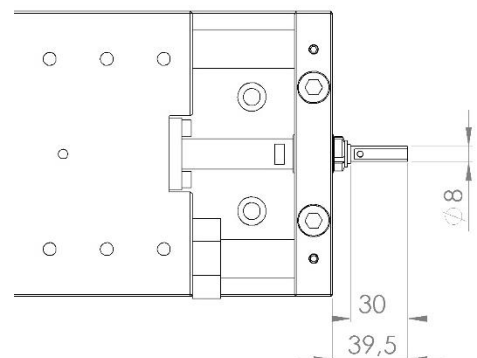
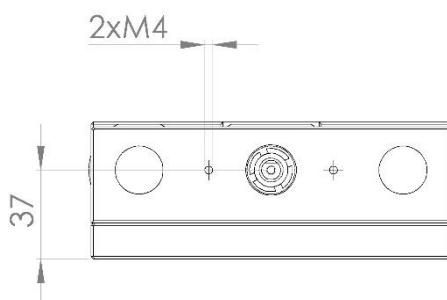
4-digit numerator, from zero to 999.9mm, digit height 5mm.

Optionally: increment with clockwise / counterclockwise rotation.

Motorized control

Although the tables of the TRP 150 N series are designed to perform manual movements, they can also be controlled with motorized systems (mot.-pp/brushless).

Meccanica Besnatese is available, on request, to provide an adequate interface, suitable for the type of motor chosen by the customer.





Company certified according to
EN 9100:2018, AS9100D, JISQ 9100:2016
ISO 9001:2015



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