



Specifications

The STN family's pinnacle, the 10ton capable STN 10. It is made for the giants! The structure is reinforced welded steel, similarly to the other members of the STN family. With the specially designed rigid body, and the dual servo drives this unit is capable to handle the largest available robots with ease! The modular construction makes it easily adaptable for various needs, to fit to the customer's specifications.

Available options:

- Double carriage,
- Automatic lubrication
- Ina, Bosch Rexroth, Schneeberger, Hiwin, Thk brand guidance system.
- Extended carriage for carrying welding power source and wire barrel
- Closed or open cable chain
- Cable chain mounting position (standard is middle): left/right

Technical Data		Only Robot (Including Tool & Workpiece)	With Additional Static Load (Including Robot & Additional Equipment)
Max. Payload	(per carriage) kg	6.000	10.000
Max. Speed	m/min	60	36
Max Acceleration	m/s ²	1	0.6
Available stroke	travel length	From 2 m, in 1 m steps	
Total length		Stroke + 1,34 m	Stroke + 1,3 m
Robot Payload	kg	700-1.000	
Max. Robot Weight*	kg	6.000	
*Includes tool, workpiece, options			
Mounting position		Floor, Wall**, Ceiling, Elevated***	Floor, Wall**, Ceiling, Elevated***
**In case of wall mounting, maximum payload reduces to half			
***Ask for detailed information about it			
Repeatability	mm	± 0,05	± 0,05
Life	million meter	10	10

