



Specifications

The STN family's heavier version, for a payload up to 4 tons. The structure is made of welded steel, similarly to the whole STN family. 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	2.000	4.000
Max. Speed	m/min	150	120
Max Acceleration	m/s ²	3	2
Available stroke	travel length	From 2 m, in 1 m steps	
Total length		Stroke + 850 mm	Stroke + 850 mm
Robot Payload	kg	60-300	
Max. Robot Weight*	kg	2.000	
*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	± 0,01	± 0,01
Life	million meter	10	10

