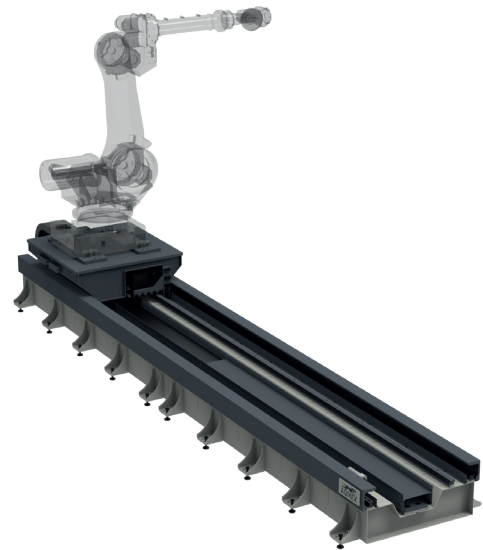


## Specifications

The STN family's top range, for a total payload up to 6 tons. The structure is 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	4.000	6.000
Max. Speed	m/min	120	102
Max Acceleration	m/s <sup>2</sup>	2	1,9
Available stroke	travel lenght	From 2 m, in 1 m steps	
Total lenght		Stroke + 5.85 m	Stroke + 5.85 m
Robot Payload	kg	240-700	
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

