

### 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



<u>Technical Data</u>		<u>Only Robot</u> (Including Tool & Workpiece)	<u>With Additional Static Load</u> (Including Robot & Additional Equipment)
<b>Max. Payload</b>	<i>(per carriage) kg</i>	2000	4000
<b>Max. Speed</b>	<i>m/min</i>	150	120
<b>Max Acceleration</b>	<i>m/s<sup>2</sup></i>	3	2
<b>Available stroke</b>	<i>travel length</i>	From 2 m, in 1 m steps	
<b>Total length</b>		Stroke + 1 m	Stroke + 1 m
<b>Robot Payload</b>	<i>kg</i>	60-300	
<b>Max. Robot Weight*</b>	<i>kg</i>	2.000	
*Includes tool, workpiece, options			
<b>Mounting position</b>		Floor, Wall**, Ceiling, Elevated***	Floor, Wall**, Ceiling, Elevated***
**In case of wall mounting, maximum payload reduces to half			
***Ask for detailed information about it			
<b>Repeatability</b>	<i>mm</i>	± 0,01	± 0,01
<b>Life</b>	<i>million meter</i>	10	10

