



## Specifications

The STK family's entry model, capable to carry up to 1000kg useful payload. Fully covered version of the STN family. The steel structure is covered with a walkable upper plating, protecting the tracks internal components from falling particles, or dripping fluids. Just as the STN family, the structure is modularly extendable to fit to the customer's specifications.

## Available options:

- Double carriage,
- Automatic lubrication
- Ina, Bosch Rexroth, Schneebberger, 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 (Including Tool &amp; Workpiece)</u>	<u>With Additional Static Load (Including Robot &amp; Additional Equipment)</u>	
<b>Max. Payload</b>	(per carriage) kg	400	1.000
<b>Max. Speed</b>	m/min	192	162
<b>Max Acceleration</b>	m/s <sup>2</sup>	3	3
<b>Available stroke</b>	travel length	From 2 m, in 1 m steps	
<b>Total length</b>		Stroke + 600 mm	Stroke + 600 mm
<b>Robot Payload</b>	kg	3-20	
<b>Max. Robot Weight*</b>	kg	400	
*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>	mm	± 0,01	± 0,01
<b>Life</b>	million meter	10	10

