



TELESCOPIC SLIDING GATES



Made in Italy

Several solutions exist for closing an industrial or residential access point

In most situations, the best closing solutions are sliding doors, because they are very flexible and provide greater possibilities for managing the passage of heavy vehicles.

Why you should choose a telescopic sliding gate

Different types of sliding gates are available to offer a range of solutions for each application. In particular, if manoeuvring space is limited, the ideal solution for closing large access points is the telescopic sliding gate. This solution makes it possible to minimise as much as possible the space occupied by the gate in the manoeuvring space.

HI-MOTIONS has designed a new range of accessories for the construction of telescopic sliding gates with two or more panels that slide on the same number of tracks on the ground. They also make kits containing the accessories necessary for assembling a telescopic system.

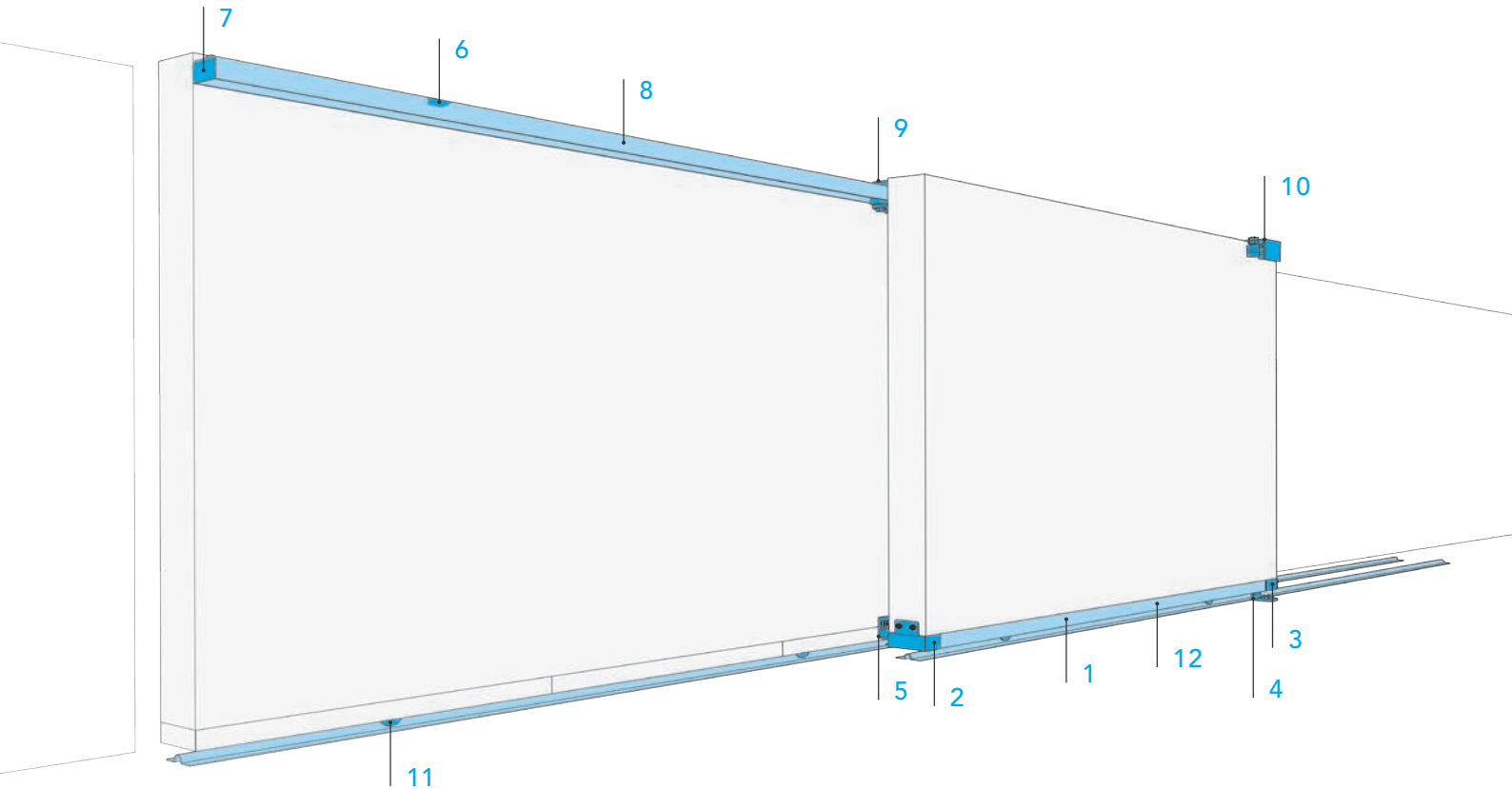


Why choose HI-MOTIONS systems













- The option of installing the gate with two fixing modes: lower or lateral.
- Help with the installation process through a video tutorial that quickly and easily explains the main phases of the process.

Less space, more speed

Telescopic gates allow an access point to be opened at twice as fast as a traditional sliding gate.



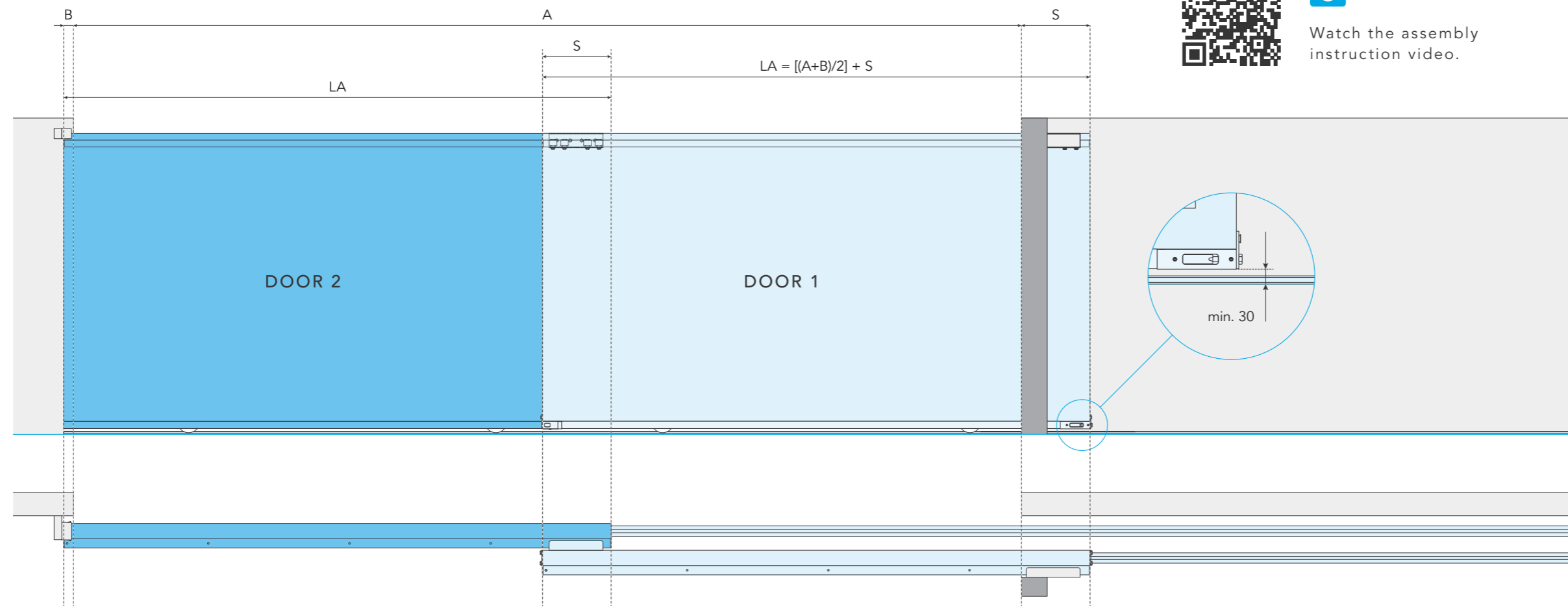
Components of the telescopic system:

<p>1</p>  <p>281.11 281.21</p> <p>Galvanized cable covers for bottom/side mounting</p>	<p>2</p>  <p>282.401 282.501</p> <p>Galvanized fixed pulley box for cable</p>	<p>3</p>  <p>282.411 282.511</p> <p>Galvanized adjustable pulley box for cable</p>	<p>4</p>  <p>282.521 282.541</p> <p>Galvanized cable ground fixing bracket</p>	<p>5</p>  <p>282.531 282.551</p> <p>Galvanized connection bracket between the two leaves</p>	<p>6</p>  <p>283.011</p> <p>Galvanized L-bracket for track 283</p>
<p>7</p>  <p>283.013 283.014</p> <p>Galvanized track cap</p>	<p>8</p>  <p>283.3XX 283.4XX</p> <p>Galvanized track</p>	<p>9</p>  <p>283.30X 283.40X</p> <p>Galvanized guide bracket with 4 rollers</p>	<p>10</p>  <p>283.200 283.201</p> <p>Adjustable guide plate to be screwed</p>	<p>11</p>  <p>109.120T 111.120T</p> <p>Galvanized wheel with internal support</p>	<p>12</p>  <p>284.401 284.501 284.503</p> <p>Cable</p>

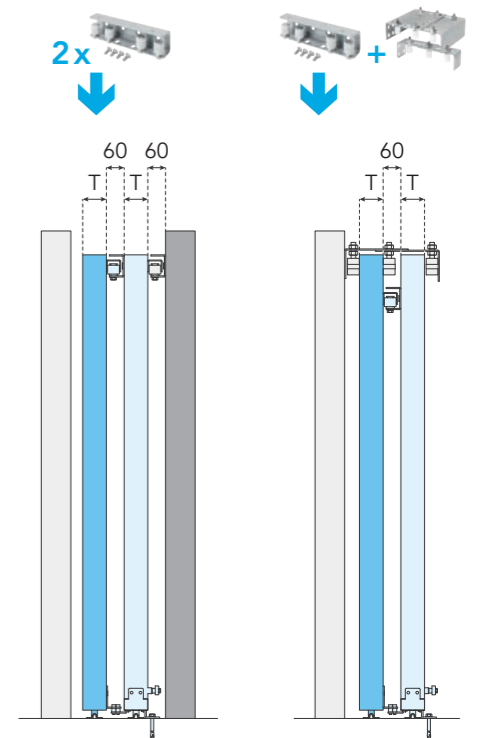
Available in various types of kit.



Technical drawing and minimum measurements:



Watch the assembly instruction video.

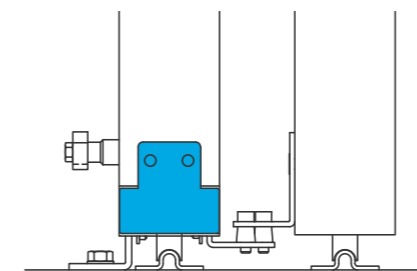


! HI-MOTIONS reminds clients that for correct installation, in compliance with applicable standards, it is necessary to comply with minimum safety distances as well as to verify the operative force within the system.

Cable selection table:

Door 1: Maximum weight (kg)	Door 2: Maximum weight (kg)	Total Maximum Weight (kg)	Door 1: Speed (m/min)	Door 2: Speed (m/min)	Cable Ø (mm)
400	400	800	9	18	4
450	450	900			5 [stainless steel]
600	600	1200			5
350	350	700	12	24	4
400	400	800			5 [stainless steel]
500	500	1000			5
250	250	500	15	30	4
300	300	600			5 [stainless steel]
450	450	900			5
200	200	400	18	36	4
250	250	500			5 [stainless steel]
400	400	800			5
150	150	300	21	42	4
200	200	400			5 [stainless steel]
300	300	600			5

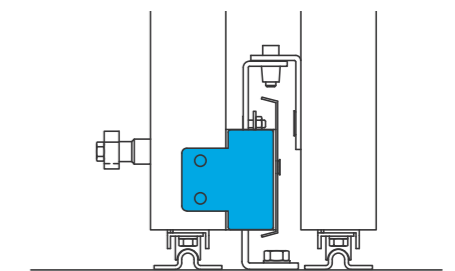
The best cable and the system operation limits are identified depending on the dimensioning of the door panels and their manoeuvring speed.



Bottom mounting:

In this case, the pulley box is positioned under the door. The cable running underneath the lower part allows eliminating the aesthetic impact, also thanks to the side guards (281.11). This type of assembly allows installing more than two doors. It is necessary to consider the minimum wheel diameter (min. 120 mm) and the T door profile dimensions (min. 60 mm, max. 120 mm).

A (m)	B (mm)	S (mm)	T (mm)	Notes
	[recommended]	[minimum]	[recommended]	
up to 4 m	50	400	60-120	use one guide bracket (283.30X-283.40X)
more than 4 m	150	800	60-120	use two guide brackets (283.30X-283.40X)



Side mounting:

In this case, the pulley box is installed on the side of the door, which allows eliminating the constraints of wheel diameter and T door profile dimensions. This configuration does not allow installing more than two doors.

A (m)	B (mm)	S (mm)	T (mm)
	[recommended]	[minimum]	[recommended]
up to 4 m	50	400	any
more than 4 m	150	800	any