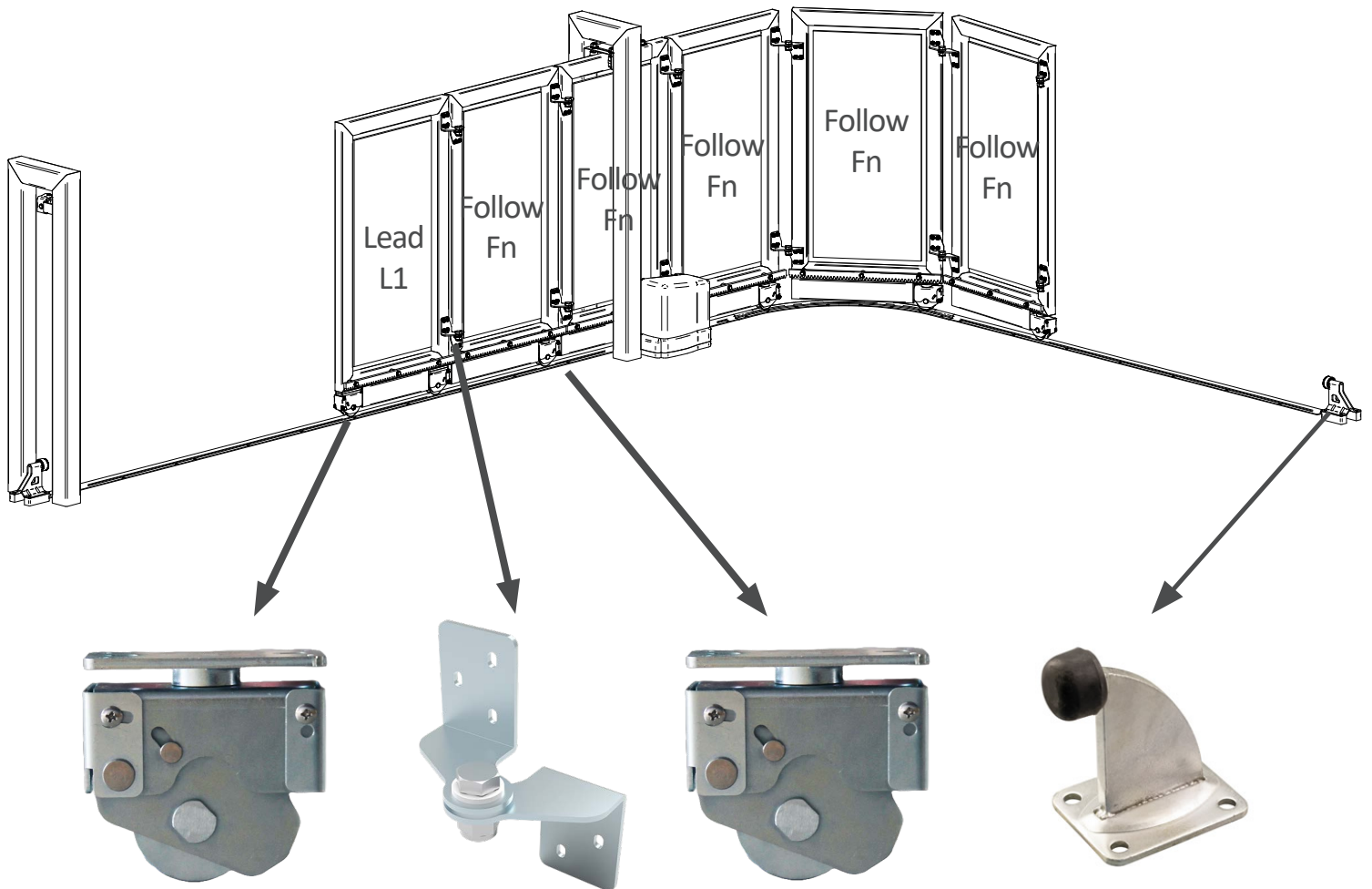


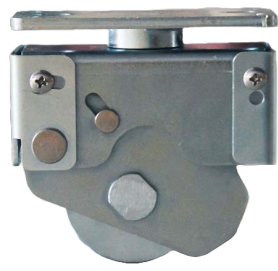
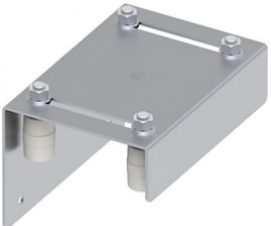


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Radius Gate Manual



COMPONENT LIST

KIT LEAD LEAF L1

<p>x2</p>  <p>Ø 20</p>	<p>x1</p> 	<p>x2</p> 
<p>RADIUSWHEEL</p>	<p>4ROLLBRACKET</p>	<p>STOPBOLT</p>
<p>x1</p>  <p>R = 800mm</p>		
<p>RADIUS800TRACK</p>		

KIT FOLLOWER LEAF Ln

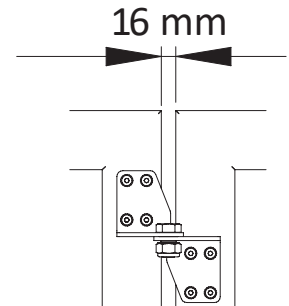
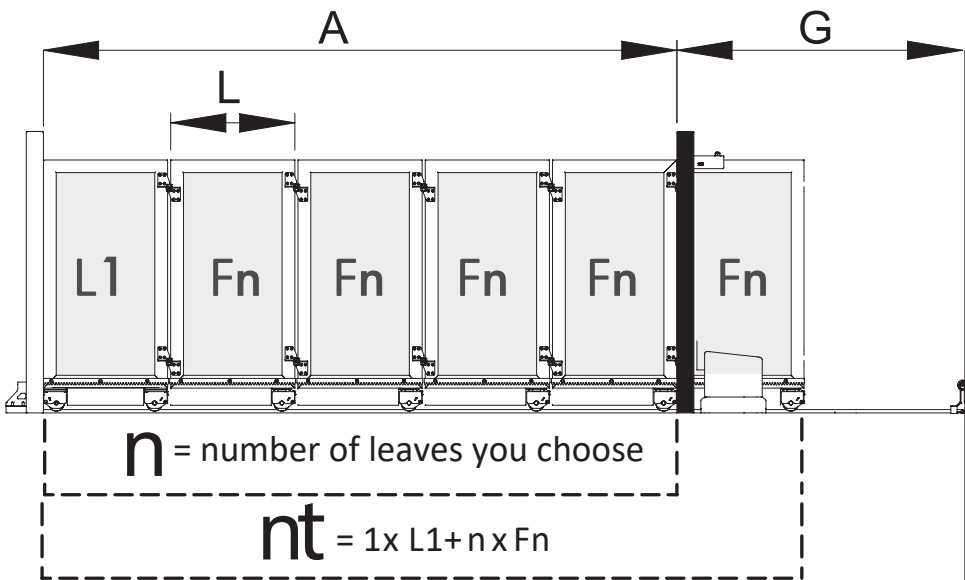
<p>x1</p>  <p>Ø 20</p>	<p>x2</p> 	
<p>RADIUSWHEEL</p>	<p>RADIUSHINGE</p>	

DIMENSIONS

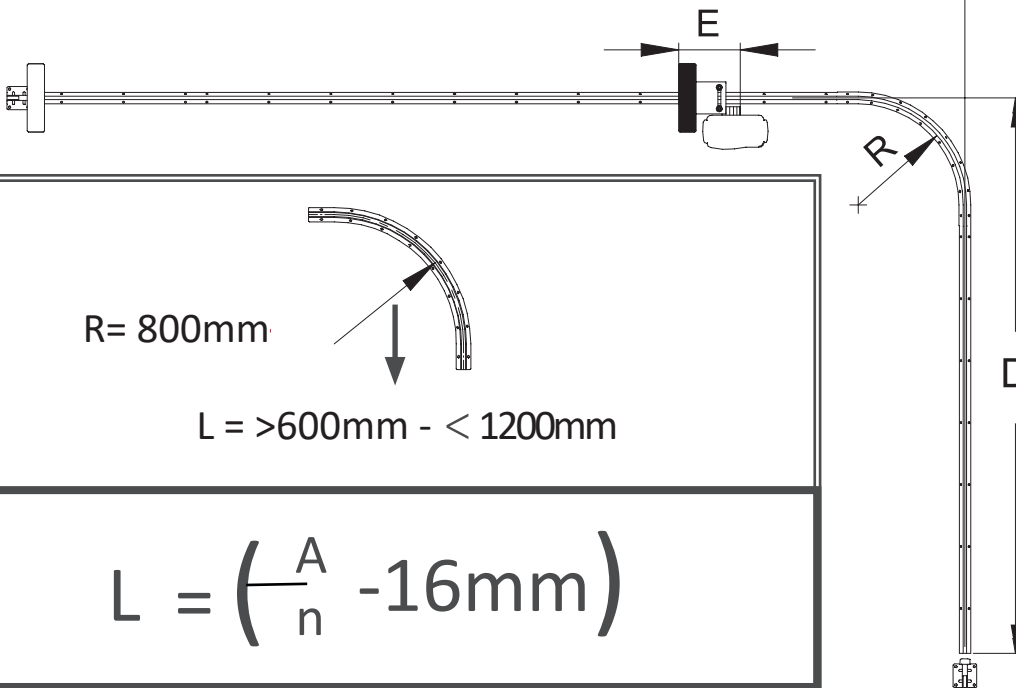
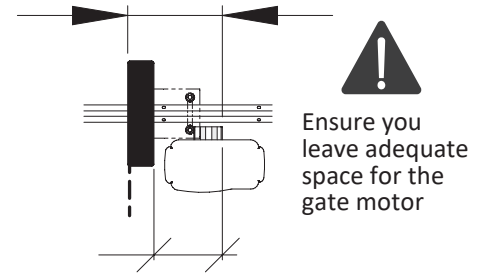
LEAF WEIGHT	GATE WEIGHT	TUBULAR THICKNESS T
min 15 - max 100 Kg	500 Kg	50mm

L1 = Main leaf. Always 1 piece.

Fn = Secondary Leaves



E = min 350mm



$$L = \left(\frac{A}{n} - 16\text{mm} \right)$$

$$G = L + E + R$$

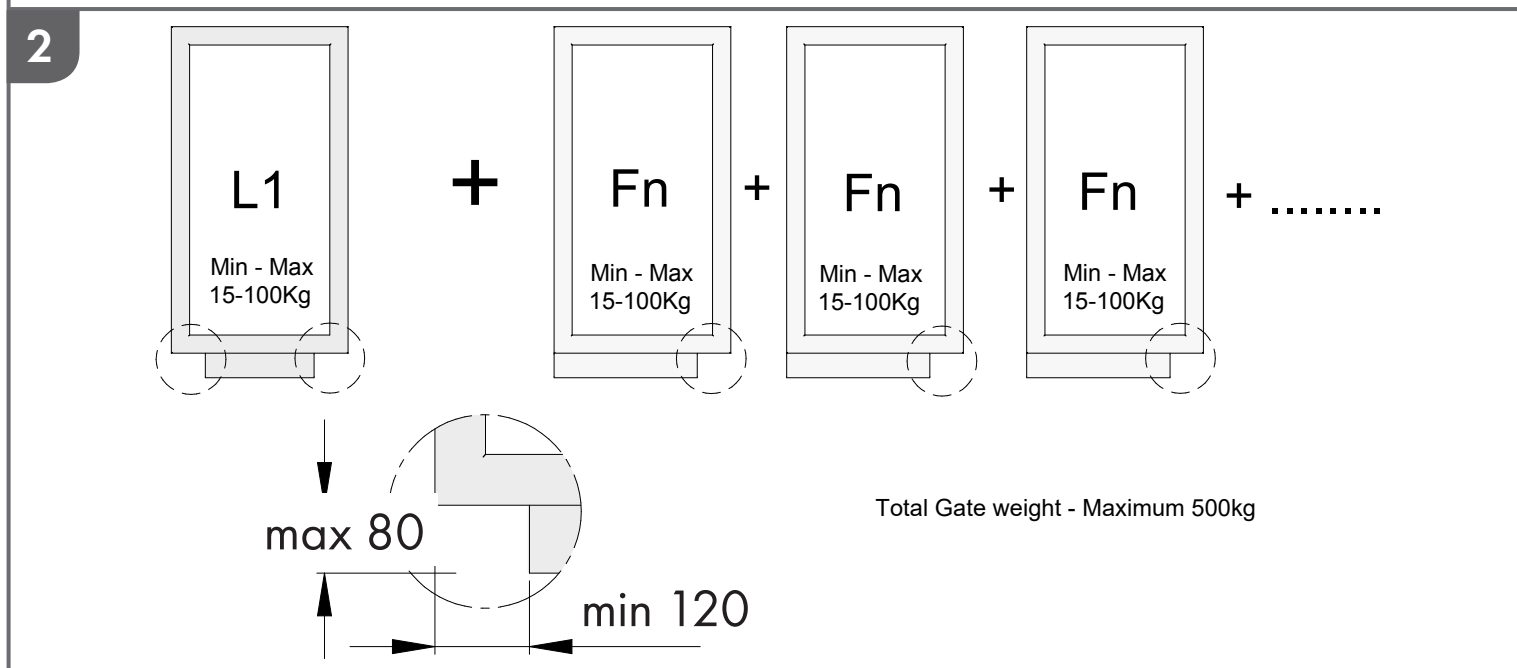
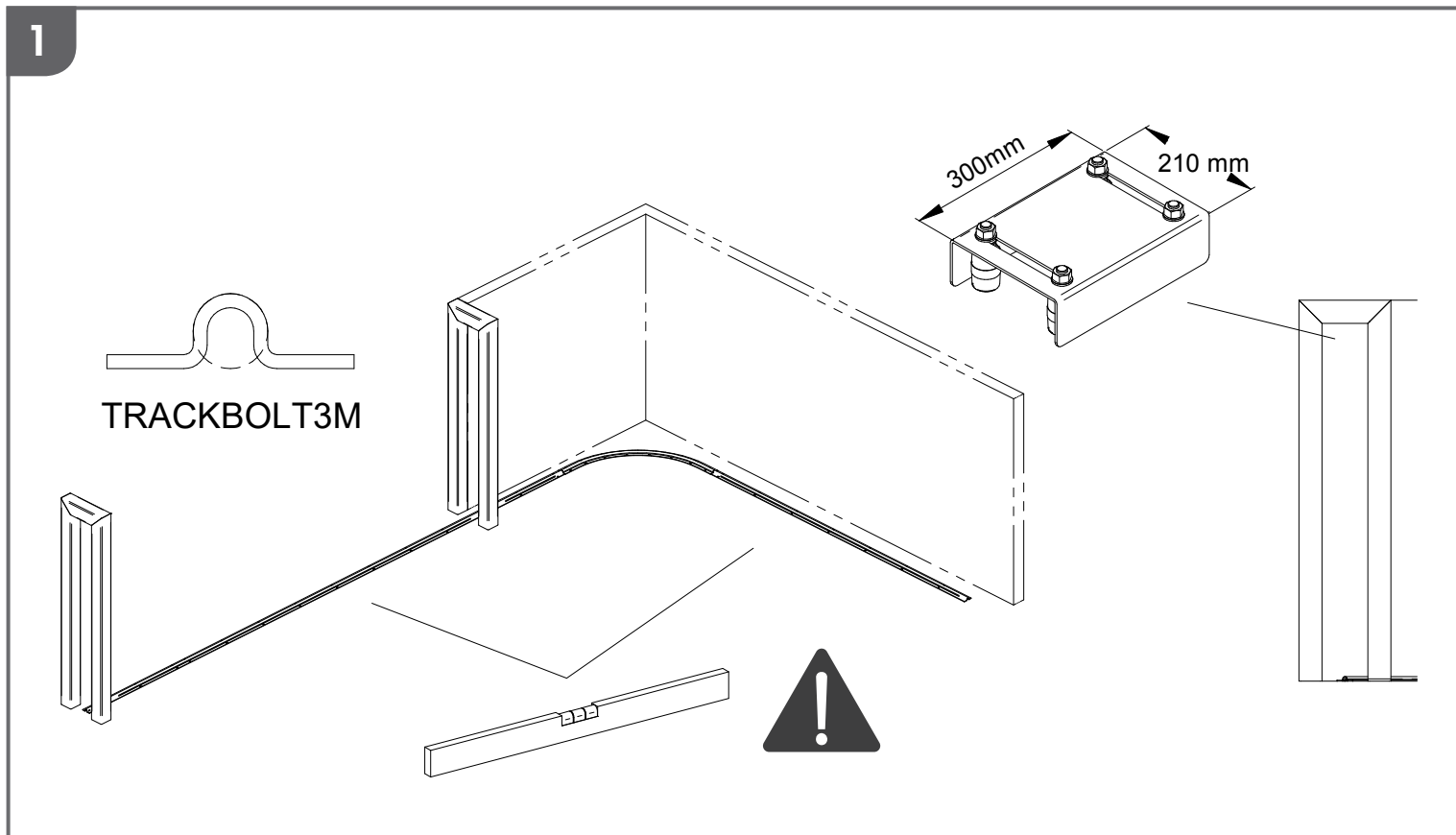
$$D = A - E - 320\text{mm}$$

LEGEND

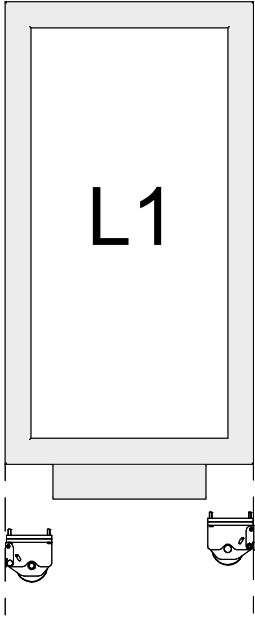
- A** = opening
- G** = amount of space behind the opening
- E** = distance between the gate motor and column
- R** = radius of curve
- L** = leaf length
- D** = lateral space for the rail
- T** = leaf thickness
- nt** = total quantity of leaves

TECHNICAL INFO

1. Important: the gate working surface must be flat, without bumps or hollows
2. For motorised gates it is important to pay attention to the rack's cut, the positioning and the maximum measurements
3. For motorised gates provide slow starting points and soft stops, with a maximum speed of = 0,18 m/s

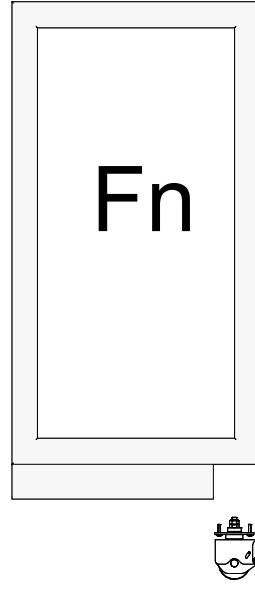
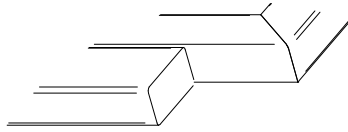
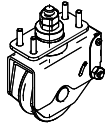


3

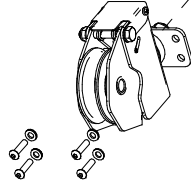
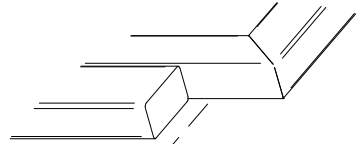
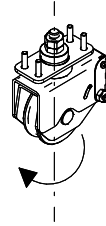


2X

1X



1X



4

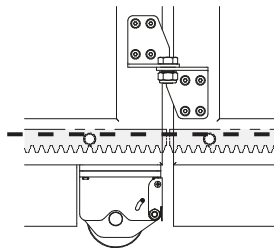
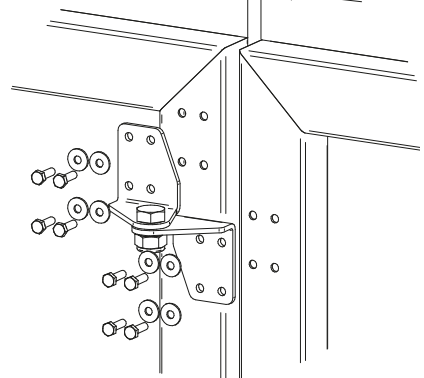
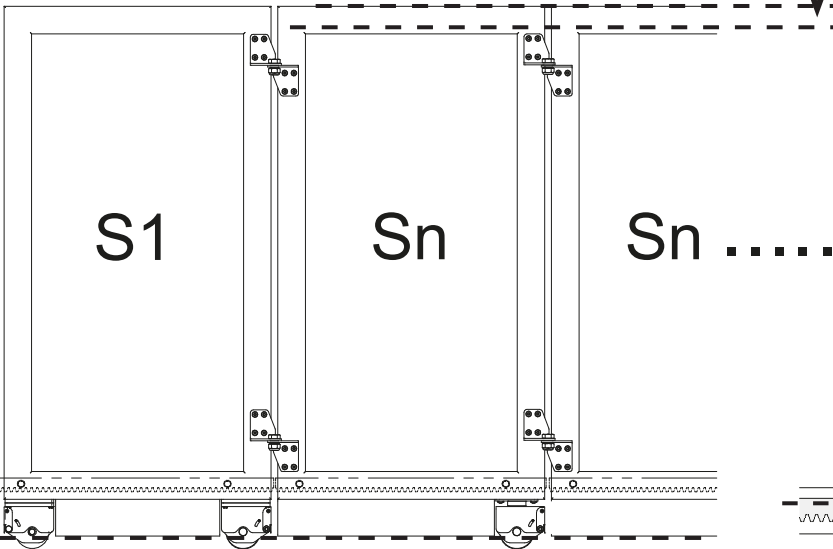
Rollers transition space required
H min 90mm

16 mm

16 mm



16 mm



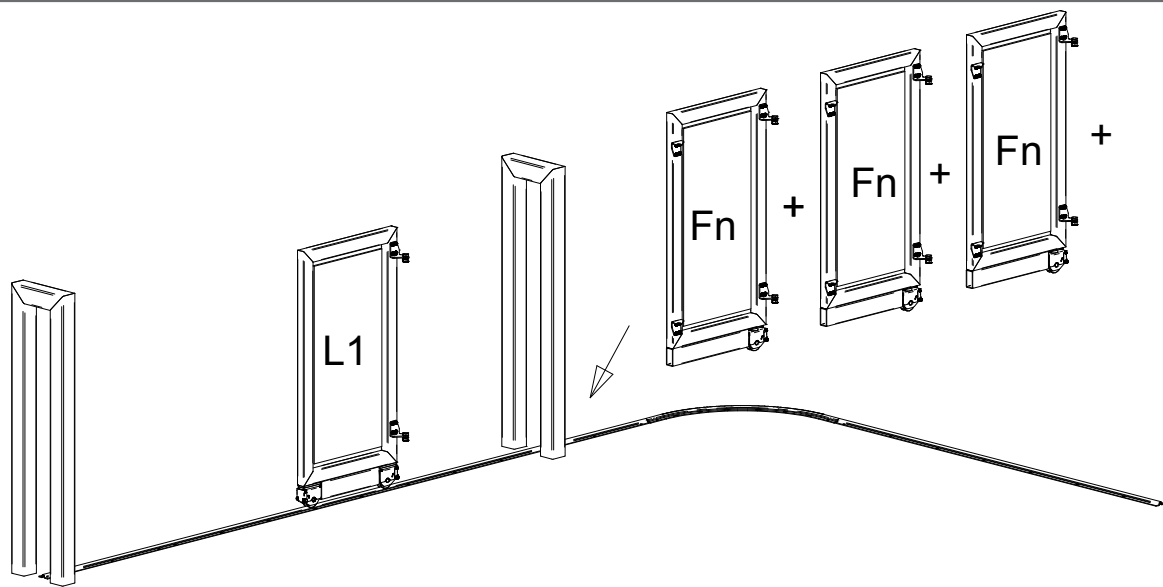
Rack transition space required



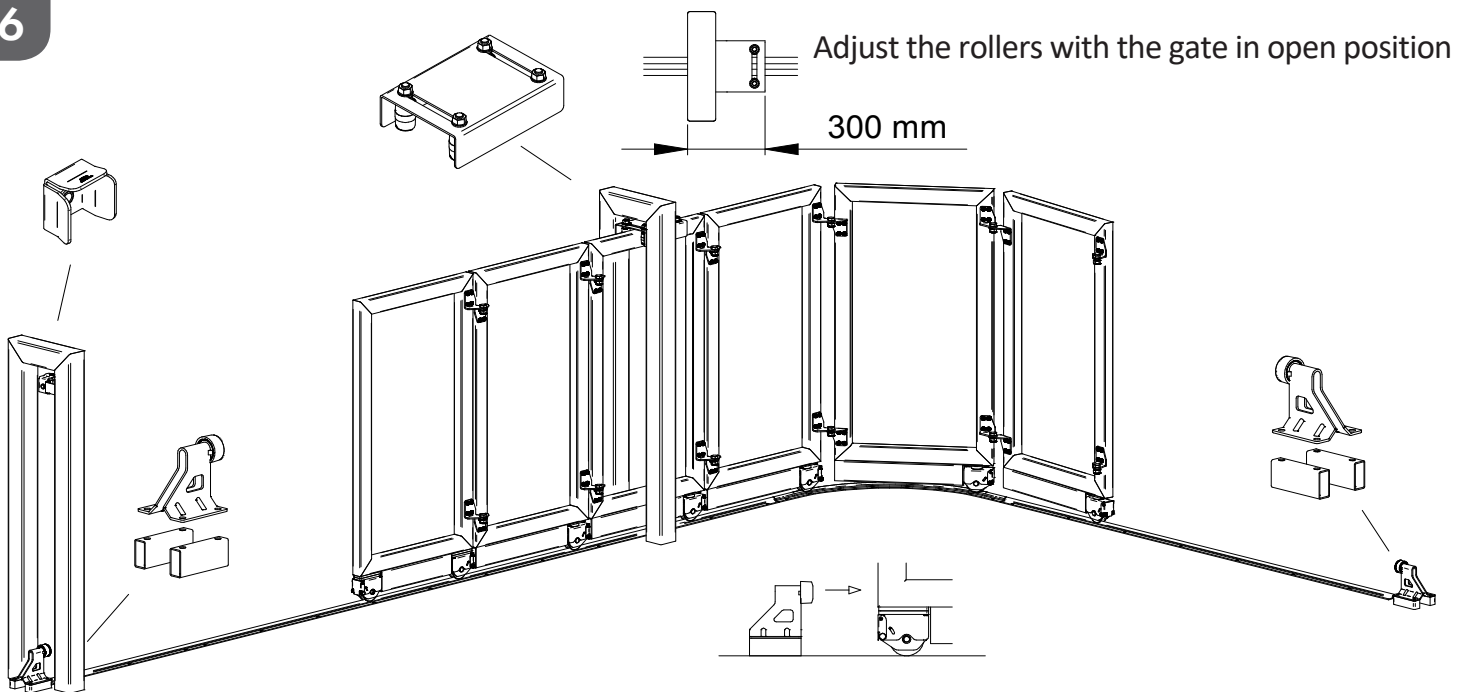
Wheels alignment



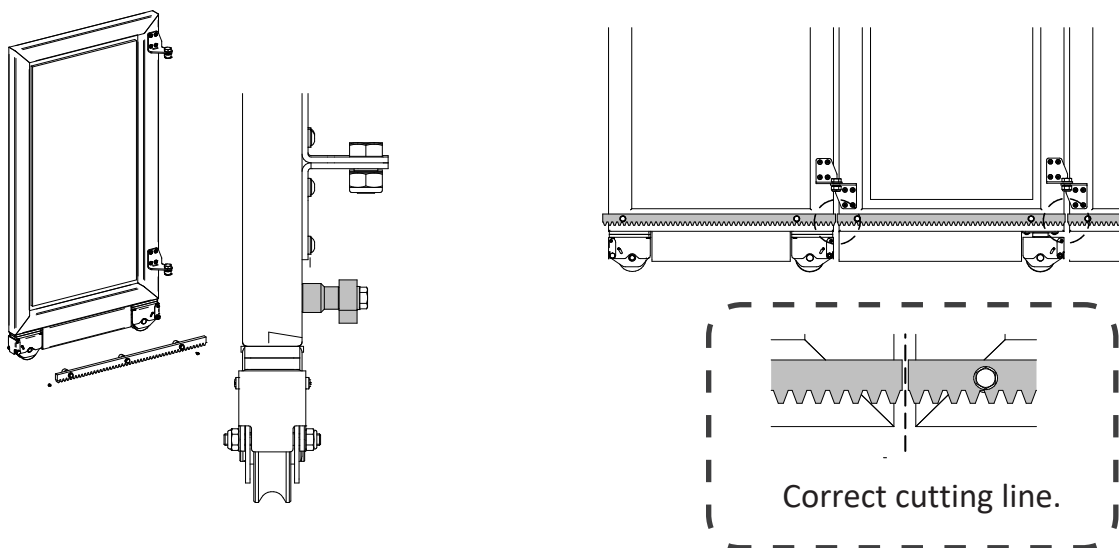
5



6



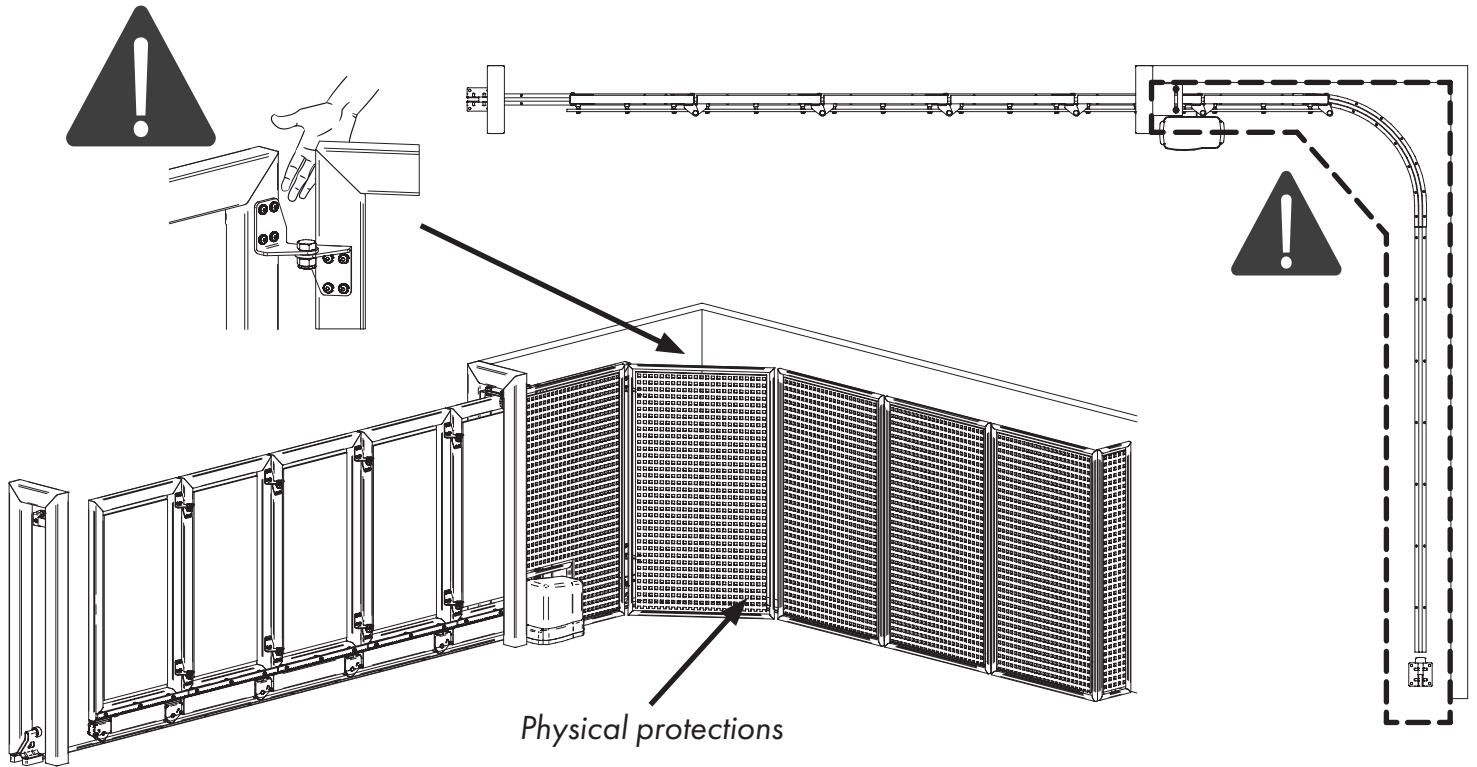
7





--- Dangerous area

Physical and electronic protections required



MAINTENANCE

1. Complete all functioning inspections manually at the end of the installation; periodically check that the system is functioning, well lubricated and does not have any loosening. (We suggest a full examination every 3 months or after 8000 cycles).
2. In case of any malfunctions due to wear or accidental impacts, make sure that all components apt to support the gate and its maintenance are intact. If necessary, proceed with substitution.
3. Automatic Gate Solutions ensures the system correct functioning only using original spare parts.

Attention: The kit included accessories and the proposed installation make reference to a standard example. An installation not in accordance with the illustrated procedure and the omission of the correct maintenance might compromise nearby things and people's security. Make sure that all accessories suit the specific work and make sure to use the necessary safety devices provided by current regulations.

For more information: service@automaticsolutions.com.au

