



# SLIDING GATE AUTOMATION 31 Point CHECK LIST

Scan and email to [brian@gatedrivesolutions.co.nz](mailto:brian@gatedrivesolutions.co.nz) and you will receive technical guidance on the Gate Automation product best suited for your project.

## Project Details

1	Name:		Date:	
2	Address:		Fax:	
3	Suburb:		Ph:	
4	City		5	Email:

## Gate Details

6	Type:	single / dual sliding		
7	1 <sup>st</sup> Leaf opening Length:			
8	2 <sup>nd</sup> Leaf opening Length:			
9	Leaf Height:			
10	Est. Leaf Weight: 1 <sup>st</sup> Gate:		2 <sup>nd</sup> Gate:	
11	Construction			
12	Est. Work Load (operations per day/hour)	Peak	Off Peak	
13	How windy is the location of the gate? Low: __ Medium: __ Medium/High: __ High: __			

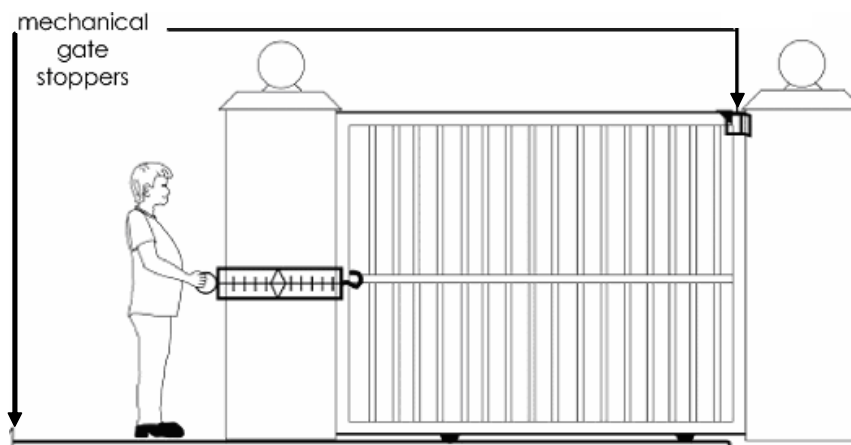
### NOTE: 230V ac Power Source

It is important to ensure the 230Vac power cable (complete with powered isolator) from the house or any other power source, is sufficient to provide 7 amps and 230Vac at the gatepost.

Careful consideration needs to be given to the correct sizing of this 230Vac power cable to minimise the effects of voltage drop on the Gate Automation equipment.

## SLIDING GATES

Using fish weighing scales, as shown in the diagram below, pull the gate fully open and fully closed. Note the 'Kg force' required to move the gate.



Is the gate running level? Yes ___ No ___	If the Gate is not level, is it closing uphill or downhill? _____
Opening Kg Force: _____	Closing Kg Force: _____ Running Kg Force: _____

If you notice that more 'Kg force' is required to move the gate from its fully opened or fully closed position than during its travel, check the guide rollers or the closed mechanical stop for adjustment at these points and adjust the rollers to suit.

## Control Logics

The proposed Sliding Gate/s can be controlled by a number of options including; Radio Remotes, Intercoms, Keypads Card Access, automatic entry and exit via a vehicle sensor or a combination of any of the above.

Below is a list of control logics and optional accessories that can be included with your proposed Sliding Gate Automation Systems.

Where applicable, please tick the box and note any comments or queries you may have.

	Control Logics	✓	Comments
14	Automatic Closure. <i>This means the gate/s will close automatically after you have entered or exited your property</i>		
15	Hold Open facility (Timer). <i>This allows you to keep the gate open for extended periods and can be achieved by radio remote, keypad or other switch device.</i>		
16	Pedestrian Open Feature. <i>This allows for partly opening the Gate System for pedestrian access.</i>		
17	Radio Remotes.		How Many?
18	Radio Remote Interface to Existing Garage Door(s). <i>This allows for a spare button(s) on Gate Drive Automation Remote to operate the Garage Door Drive</i>		How Many?
19	Keypad for Vehicle Gates.		
20	Keypad for Pedestrian Access.		
21	Photocells across Gateway. <i>These photocells ensure the gate/s will not close if there is a vehicle or pedestrian in the gateway. These photocells are required if Automatic Closure is required.</i>		
22	Photocells behind where the gate opens to. <i>These photocells ensure the gate/s will not open if there is a vehicle or pedestrian or other obstacle is in the pathway where the gate slides when opening. (Feature not available on some Sliding Gate Controllers)</i>		
23	Maglock or Electric Lock on Gates.		
24	Vehicle Loop Detector <i>For automatic entry and exit</i>		
25	Intercom (Audio or Audio/Video).		
26	Battery Backup <i>To allow for the gate/s to operate in the event of mains power failure.</i>		
27	Battery Powered, Solar Charged. <i>For use in situations when there is no mains power source available</i>		

### Confirmation of the Existing Cables (if in place)

### Size and Type of Cable

28	Cable from House to Gate Automation Controller location		
29	Cable across the area where the gate slides to when opening		
30	Cable across Driveway for Photocells		
31	Cable from House to Gatepost for Intercom		

Once we have established with you your requirements, we will then be able to forward your sliding gate automation application details to one of our professional gate automation installation companies nearest you, who can provide you with a price to supply and install your Sliding Gate Automation System.

GATE DRIVE SOLUTIONS LTD.

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