The following information is required before manufacture of your unit can begin. Please check / fill out as many details as possible and email back to us. (ONE DOOR PER FORM)

1 Job / Door Details

Job name ________________________________  CS Ref:  SA __________________________

Door location ____________________________

Unit type:

☐ Pocket frame  ☐ Wall mounted  
☐ Track/Head Only

- choose a fixing detail from below (see Fixing for Track/Head Only Units for more info).
If none of the fixing details are suitable, send a detailed PDF or DWG)

Track/Head Only Fixing Detail:

☐ Top Mounted  ☐ Wall Mounted  ☐ Heavy Weight

Door type:

☐ Timber  ☐ CS NewYorker  ☐ CS AluTec  ☐ FramelessGlass
☐ Customer Supplied

Door configuration:  ☐ Single  ☐ Bi-Parting

Door size / Rough opening (circle one): _____________ inches high X _____________ inches wide

Clear walk through: _______________________

Door weight:  ☐ < 80kg (175lb)  ☐ 80 - 200kg (175 - 440lb)

2 Door Function

Normal position:  ☐ Open  ☐ Closed

Hold open option required?  ☐ Yes  ☐ No

LEFT SIDE: Activated by (see options overleaf) ______________________

RIGHT SIDE: Activated by (see options overleaf) ______________________

The door will open:  ☐ slowly (6”/sec) (150mm)  ☐ normally (12”/sec) (300mm)  ☐ quickly (20”/sec) (500mm)

and then

close after _____ seconds:  ☐ slowly (6”/sec)  ☐ normally (12”/sec)  ☐ quickly (20”/sec)

Safety beams required?  ☐ Yes  ☐ No

Can you fit control gear within 5 meters (16 feet) of motor in ceiling?  ☐ Yes  ☐ No

Motor position:  ☐ Pocket  ☐ Opening
3 Activation Devices

See AutoCav Activation Packs for more detail

<table>
<thead>
<tr>
<th>ACPACK001</th>
<th>ACPACK002</th>
<th>ACPACK003</th>
<th>ACPACK004</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLC CONTROLLED (STD)</td>
<td>HANDWAVE SENSOR</td>
<td>PDL SWITCH</td>
<td>WC TOILET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACPACK005</th>
<th>ACPACK006</th>
<th>ACPACK008</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/BUTTON ACCESS</td>
<td>PIEZO BUTTON (2 off)</td>
<td>OVERHEAD SENSOR</td>
</tr>
</tbody>
</table>

Security:  
□ Lock from LHS  
□ Lock from RHS  
□ Lock from both sides

4 Site Details

Delivery Address ________________________________
Contact __________________________ Phone __________________________
Automation Contact __________________________ Phone __________________________
Security Contact __________________________ Phone __________________________
Electrical Contact __________________________ Phone __________________________
Special delivery instructions __________________________
Access considerations __________________________

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TALK TO OUR TECHNICAL TEAM

CUSTOM FUNCTIONS

TALK TO OUR TECHNICAL TEAM

CUSTOM FUNCTIONS

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CUSTOM FUNCTIONS
5 Specifications

<table>
<thead>
<tr>
<th>Standard CS Autocav Controller Specs</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Door speed</strong></td>
<td>500mm/sec (20”/sec) opening</td>
</tr>
<tr>
<td><strong>Safety features</strong></td>
<td>Safety beams 2 pair Electronic obstacle detection</td>
</tr>
<tr>
<td><strong>Power requirements</strong></td>
<td>230V AC 50Hz single phase (USA 110V AC)</td>
</tr>
<tr>
<td><strong>Battery backup</strong></td>
<td>(optional) - 24VDC</td>
</tr>
<tr>
<td><strong>Door weight</strong></td>
<td>Up to 250kg (500lb) (total door weight per motor)</td>
</tr>
<tr>
<td><strong>Door size</strong></td>
<td>Up to 2700mm high x 5000mm (106” x 196”) wide*</td>
</tr>
<tr>
<td><strong>Drive system</strong></td>
<td>Brushless DC motor with toothed belt</td>
</tr>
<tr>
<td><strong>Locking device</strong></td>
<td>Mechanical. Non maglock motor lock</td>
</tr>
<tr>
<td><strong>Hold open time</strong></td>
<td>0 - 25 Sec (adjustable)</td>
</tr>
<tr>
<td><strong>Fire alarm</strong></td>
<td>Dry contact</td>
</tr>
</tbody>
</table>

**Additional door functions available**

8 Inputs
- Dry contact.
- Select from – Open Cycle, Open Only, Close Only, Hold Open, Safety Beams, Lock, Partial, Fire, Forwards, Backwards.

6 Outputs
- 4 transistor. 2 relay.
- Select from – Door Open, Door Closed, Door Stopped, Door Locked, Door Engaged, Door Vacant, Door Fault, Door on batteries, Fire, Door Forced.
- Partial Open 1 – 100% of open size adjustable

Standard settings are default. These can be adjusted on request. All door functions are available through CS Controller Interface application. Windows based operating system required.

6 Commissioning

All CS Automatic Units are tested and pre-commissioned at the factory. Commissioning of all AutoCav units following installation must be performed by a suitably qualified person. It is the client’s responsibility to ensure that any party contracted to commission a CS AutoCav unit is capable and familiar with this product. Any works required of CS after commissioning by that vendor, including online or phone support, will be chargeable. Cavity Sliders USA also offers a limited ‘on-line’ commissioning service which can be performed along with your vendor commissioning. For details and a quotation on any commissioning service please contact us.

7 Recommended Service Plan

CS AutoCav units should be serviced approximately every 5000 uses. Door usage guidelines are as follows:

- Low use: Doors are used 10-20 times a day (3500-7000 open cycles per year)
- Moderate use: Doors are used 30-40 times a day (10,000 - 15,000 open cycles per year)
- High use: Doors are used several times an hour or 50-60 times a day (17,500 – 20,000 + open cycles per year)

8 Warranty Information

This automated cavity slider pocket comes as standard with a 2 year warranty (12 mths on electrical components). Contact Cavity Sliders USA for a copy.
<table>
<thead>
<tr>
<th>Activation Pack</th>
<th>Description</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACPACK001 PLC CONTROLLED (STD)</td>
<td>Pack includes: - Clean contacts for customer supplied activation - 8 Inputs customizable with momentary &amp; latching - Open/close/hold/lock/emergency open/safety &amp; more - 6 Outputs customizable including door state &amp; more - Pre wire of above components</td>
<td>For use with existing security or automation systems. Supply your own activation devices such as prox card.</td>
</tr>
<tr>
<td>ACPACK002 HANDWAVE SENSOR</td>
<td>Pack includes: - Handwave sensors x 2 - Wave to open S/S plate x 2 - 3 Position key switch + S/Steel plate - Locking or non lock functionality - Pre wire of above components</td>
<td>Clever technology that allows non contact activation, excellent for use in kitchens, laundries and healthcare where your hands are often full and hygiene is a priority</td>
</tr>
<tr>
<td>ACPACK003 PDL SWITCH</td>
<td>Pack includes: - PDL switch kit x 2 - Spring return switch x 2 - Pre wire of above components</td>
<td>Classic light switch style activation allows for discreet placement that can match the style of existing switches elsewhere in your building</td>
</tr>
<tr>
<td>ACPACK004 WC TOILET</td>
<td>Pack includes: - 22mm backlit red/green/blue LED x 4 - 1x red push button - 2x green push button - 3 position key switch x1 - W/C outside indicator panel x 1 - W/C inside indicator panel x 1 - Pre wire of above components</td>
<td>Suitable for commercial installations. Additional activation plate variations available - please contact CS for specifications.</td>
</tr>
<tr>
<td>ACPACK005 P/BUTTON ACCESS</td>
<td>Pack includes: - Heavy duty push buttons x 2 (choose black, red or green) - Push to open s/steel plate x 2 - 3 position key switch + s/steel plate x 1 - Locking or non locking functionality - Pre wire of above components</td>
<td>Heavy duty push buttons are perfect for use in areas that see a lot of pedestrian traffic, sturdy design keeps your activation safe in a public setting</td>
</tr>
<tr>
<td>ACPACK006 PIEZO BUTTON (2 off)</td>
<td>Pack includes: - Illuminated piezo (red/green) x 2 - PDL mounting plate x 2 - 5m plug and play cable x 2 - Pre wire of above components</td>
<td>22mm Piezo touch sensitive buttons with chrome surround and customizable bi-colour LED indicator ring, perfect for a wide range of stylish applications.</td>
</tr>
<tr>
<td>ACPACK008 OVERHEAD SENSOR</td>
<td>Pack includes: - Overhead sensors x 2 - 3 position switch + s/steel plate x 1 - Locking or non locking functionality - Pre wire of above components</td>
<td>Functional and practical, overhead sensors are a mainstay for many auto door solutions</td>
</tr>
</tbody>
</table>
Access Hatch

Power Supply + Backup Battery to be mounted NO further than 5 meters (16 feet) from motor (preferably in ceiling). Access to unit must be allowed for via access hatch in ceiling. Access hatch should be no smaller in size than 700 x 700mm (27-9/16” x 27-9/16”).

Please note that in some cases the motor and drivebar/idler pulley positions are reversed
© Cavity Sliders USA Inc. Drawings are not to scale

Access is required for drive bar, motor and associated components.

Uninterruptable power supply
(includes backup battery)
- Fixing for Track/Head Only Units

1/8" (3mm) plates (not supplied) are fixed to the sides of the auto head walls. These extend above the auto head to be mounted into the sides of the lintel. The channel side of the head has a plate that runs the full length of the track. The access panel side is split around the access points into smaller plates. Plate height can be specified to the customer lintel.

Option 1 - Top Mount

Option 2 - Wall Mount

Option 3 - Heavy Weight Fixing

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