

Manor Farm Industrial Estate,
Flint, Flintshire CH6 5UY

**PLEASE COMPLETE AND RETURN AS SOON AS POSSIBLE
TO ALLOW DESIGN/MANUFACTURE TO PROGRESS**

Telephone +44 (0)1352793222
Email: orders@tvcl.co.uk

TVC Quote No.

Company Name

Company Contact

Address

Delivery Address
(if different from
above)

Customer Job No.

Site Reference

The above references will be
added to all documentation
including drawings

Note: this document will be the official document used to configure your controller. Complete it carefully as any changes may result in additional cost and delayed delivery. Any features requested in this document that are not already included in the quotation may be subject to a price increase.

REQUIREMENTS

Please complete the attached questionnaire and supply all relevant information in order that the lift control panel(s) may be designed and manufactured. Inaccurate or incomplete information may delay delivery.

For Modernisation jobs, all application data on existing equipment and any requirements not covered on the quotation should be recorded and attached to this form.

Please contact TVC if any questions arise regarding the required data.

Authorised By: _____

Print Name: _____ Date: _____

TVC cannot accept this document unless signed and dated

Internal use only. TVC contract number:

MAINS SUPPLY

Volts

Phase

Hz

Is a Suitable
Neutral Available?Yes
4 WireNo
3Wire

PUMP MOTOR

Manufacturer	
Power	KW
Full Load Current	A

PUMP MOTOR CONTROL METHOD

Bucher VVVF		For VVVF control methods, please supply the manufacturer's data sheet for the application
ALGI VVVF		
Star/Delta		
Direct-on-line		
Soft Starter		Please provide details below
Other		Please provide details below

APPLICATION DETAILS

Car Speed m/s

VALVE UNIT

Bucher Eco Line (VVVF) - iValve

☐


With Super Capacitor

☐

Bucher Eco Line (VVVF) – ELRV

☐


With Accumulator

☐

Bucher Comfort Line – iValve

☐

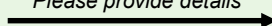
Bucher Comfort Line – ELRV

☐

Other

☐

Please provide details

Manufacturer
Type

No: of Valves

Valve Solenoid Voltage

 AC/DC

OTHER FEATURES

Please select all features to be included

Oil Cooler

☐
Voltage: VPhases: Current: A

Oil Heater

☐
Voltage: VPhases: Current: A

Pawl Devices

☐

Please supply data sheet and full details

Bucher DZE Pressure Switch

☐

Bucher Emergency Stop Solenoid

☐
Voltage: 110Vac 230Vac24Vdc supplied as standard
for iValve applications

DOOR CONTROL

No of Car Entrances

1

2

If 2 entrances

Non-Selective
Door OpeningSelective
Door Opening**Select Type**

Fully Automatic Car & Landing

☐
Complete **SECTION A** below only

Manually Operated Car & Landing

☐
Complete **SECTION B** below only

Fully Automatic Car & Manually Operated Landing

☐
Complete **SECTIONS A & B** below**CAR DOOR OPERATOR****SECTION A****Select Type**

GAL VVVF

☐

Is GAL HA (Fault Monitoring) Unit Fitted

Yes

No

FERMATOR VVVF

☐

SEMATIC VVVF

☐

Select Type

SDS

F28

F29

SELCOM VVVF

☐

Select Type

SUPRA

MIDI

ECO

SIEMENS

☐

Select Type

AT18

AT25

AT40

OTHER

☐

Provide Details

RETIRING RAMP**SECTION B**

Voltage

Vdc

Power Rating

W

SPECIAL DOOR CONTROL REQUIREMENTS

Please specify any special door control requirements

DIGITAL POSITION INDICATORS**24Vdc****Select Manufacturer****Specify Type**

Dewhurst

Stentorgate

ILE 4 Wire Serial

A&A Omega 4

Drucegrove

Digital Advance

Other

Standard position indicator signals

Floor Position, Lift Direction,

Lift on Fire Control,

Lift Overloaded, Lift Out of Service

Please provide a list of any additional
indicator messages

Displays fitted at:

Car

☐

Main Floor

☐

All Floors

☐*(If free issue encoder, please ensure we receive
the unit at least two weeks before despatch date,
if not, we reserve the right to dispatch the
contract minus the free issue equipment fitted)*Battery Backed Up Indicator Supply
(Lift out of service message)

Y

N

*If selected, TVC standard Back up duration is for 3 Hours*Discrete Hall Lantern Arrows
(Not driven by the Digital Display system)

Y

N

*Please provide details***SPEECH UNIT****24Vdc****Select Manufacturer**

Dewhurst

Stentorgate

ILE

Drucegrove Digitalker

Digital Advance

Other

Standard speech unit signals

Floor Position, Doors Opening, Doors Closing,

Lift Direction, Lift on Fire Control,

Lift Overloaded, Lift Out of Service

Please provide a list of any additional
speech messages

Specify Manufacturer & Type

SPECIAL REQUIREMENTS

Please specify any additional indicator/speech/gong requirements

LIFT SETUP / APPLICATION

No of Floors

Please insert floor markings

Front Entrances

Rear Entrances
(If applicable)

Floor Height (M)

(3M floor heights will be assumed if not specified)

Main (Homing) Floor

Control System

Simplex

Duplex

Group

HCD
Navigator*If Duplex, Group or HCD system and all lifts do not serve all floors, please supply full details of entrance layout*

Full Collective

Down Collective

Non-Selective Collective

FAPB Control

LIFT POSITIONING SYSTEM**LIMAX – Shaft Mounted Tape System**Lifts with
relevellingAbsolute
PositionAuto Shaft
LearnFirefighting
Applications

Speeds up to:

✓

✓

✓

✓

6.0 m/s

The Limax uses a shaft mounted tape system, please specify the Tape length required

 M*The Elgo LIMAX shaft position system is an easy-to-install, high performance system suitable for all applications. Requires door zone switches in the lift shaft.*

CONTROLLER OPTIONS

Please select all options required to be included within the TVC control system

Remote OSG Trip Solenoid interface	<input type="checkbox"/>	Voltage:	<input type="text" value="V"/>																		
Remote OSG Reset Solenoid interface	<input type="checkbox"/>	Voltage:	<input type="text" value="V"/>																		
Digital Handwind Unit	<input type="checkbox"/>																				
Eco-mode	<input type="checkbox"/>																				
Panel mounted Emergency Stop switch	<input type="checkbox"/>																				
Unintended Car Movement Protection	<input type="checkbox"/>	Achieved by:	<table border="1"> <tr> <td>OSG Solenoid</td> <td>Manufacturer</td> <td>Solenoid Voltage</td> </tr> <tr> <td></td> <td></td> <td>V</td> </tr> <tr> <td>Bucher DSV-A3</td> <td>Solenoid Voltage</td> <td>Solenoid Voltage</td> </tr> <tr> <td></td> <td>110Vac</td> <td>230Vac</td> </tr> <tr> <td>Bucher iValve</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td colspan="2">Please provide details</td> </tr> </table>	OSG Solenoid	Manufacturer	Solenoid Voltage			V	Bucher DSV-A3	Solenoid Voltage	Solenoid Voltage		110Vac	230Vac	Bucher iValve			Other	Please provide details	
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	110Vac	230Vac																			
Bucher iValve																					
Other	Please provide details																				
Swipe Card interface	<input type="checkbox"/>	Please supply full details in the "Special Requirements" section on page 7																			
Automatic Rescue Device (UPS)	<input type="checkbox"/>	Rescue lift at reduced speed to:	<table border="1"> <tr> <td>Nearest Floor & shutdown</td> <td>Main Floor & shutdown</td> </tr> </table>	Nearest Floor & shutdown	Main Floor & shutdown																
Nearest Floor & shutdown	Main Floor & shutdown																				
Engineer's Access Control	<input type="checkbox"/>	Allows safer access to the lift Cartop for maintenance personnel																			
Building Management Interface	<input type="checkbox"/>	Please supply full details in the "Special Requirements" section on page 7																			
Emergency Generator Supply	<input type="checkbox"/>																				
TVC Elevator Monitoring Unit (EMU)	<input type="checkbox"/>																				
TVC emFONE Autodialler	<input type="checkbox"/>																				
E-Director	<input type="checkbox"/>	E-Director offers a graphical representation of the Ethos control systems, from simplex to full group																			
Hospital Priority Control	<input type="checkbox"/>	Please supply full details in the "Special Requirements" section on page 7																			
EN81-20:2014 Compliant Lift	<input type="checkbox"/>																				
EN81-21:2018 Compliant Lift	<input type="checkbox"/>																				
EN81-71:2005 Vandal Resistant Lift	<input type="checkbox"/>	<table border="1"> <tr> <td>Category 1 Lift</td> <td>Category 2 Lift</td> </tr> </table>	Category 1 Lift	Category 2 Lift																	
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EN81-72:2015 Fire fighting Lift	<input type="checkbox"/>	Note: TVC only offer a Robust enclosure, not Certified Vandal resistant																			
EN81-73:2016 Fire Alarm	<input type="checkbox"/>																				
BS9999:2017 Evacuation control	<input type="checkbox"/>																				
Lift Consultants' Specification	<input type="checkbox"/>	Specification reference:	<input type="text"/>																		
		Applicable pages:	<input type="text"/>																		

ANCILLARY ITEMS

Please select all items required to be supplied by TVC with the control system

Overspeed Governor	<input type="checkbox"/>	TVC Standard offering is 300mm Bi-Directional 24Vdc Parking & 230Vac Reset Solenoid			
OSG Tension Weight	<input type="checkbox"/>	TVC Standard offering is a 45Kg Pit Mounted unit $\frac{c}{w}$ Pulley Wheel			
Emergency Stop Switch	<input type="checkbox"/>				
Rubber Electrical Safety Mat	<input type="checkbox"/>	1200mm x 1000mm x 9mm			
Pre-wired Limit Switch Tree & Ramp	<input type="checkbox"/>	1 x 4 limit tree, 1 x 3 limit tree & 2.8M Adjustable Ramp			
TVC Cartop Control Unit	<input type="checkbox"/>	EN81-20 Compliant			
TVC Pit Control Station	<input type="checkbox"/>	EN81-20 Compliant			
Cabinet Plinth	<input type="checkbox"/>	<div style="display: inline-block; text-align: center;"> <i>Height</i> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">100</td> <td style="padding: 2px 10px;">200</td> <td style="padding: 2px 10px;">300</td> </tr> </table> mm </div>	100	200	300
100	200	300			
Cabinet Wall Mounting Brackets	<input type="checkbox"/>				
Lift Fixtures	<input type="checkbox"/>	TVC may contact you to discuss your requirements			
LSOH Trailing Flexes	<input type="checkbox"/>	<div style="display: inline-block; text-align: center;"> Lift travel <input style="width: 50px;" type="text"/> Trailer length <input style="width: 50px;" type="text"/> </div> <p style="text-align: center; margin-top: 5px;"><i>If Trailing Flexes are specified, TVC will supply them suitable for the application; unterminated</i></p>			

SPECIAL REQUIREMENTS

Please specify details for any special requirements:

STANDARD FEATURES INCLUDED IN THE CONTROL PANEL

Control Features

110V/230VAC Door detector supply
 Emergency lighting / Alarm supply 12Vdc 1A/hr
 Standard adhesive component labels
 Dewhurst EnBuzz interface
 Dual illumination
 Non-adjustable Thermostat
 Phase failure / phase reversal protection
 Motor thermistor protection
 Door open & door close push indicator outputs
 Alarm Filtering in compliance with EN81-28:2014
 Emergency electrical operation
 ECO mode car light & fan turn off
 Door Nudging (Feature can be enabled via Ethos MMI)
 Advance door opening (Feature can be enabled via Ethos MMI)
 Relevelling
 Volt-free Lift in/out of service & Lift alarm contacts
 Top of Car Termination Box (Including serial Car Module)

Standard Ethos Microprocessor features

Service control / Car preference
 90% load weighing
 110% load weighing
 Emergency recall to fire floor (selected via Ethos MMI), doors dwell closed
 Fire alarm recall to fire floor (selected via Ethos MMI), doors park open (default)
 Homing (floor selected via Ethos MMI)
 Anti nuisance
 Door disable switch
 Prepare to test switch
 Double journey timer
 English language Colour touch screen MMI
 Facility for inserting car & landing calls via Ethos MMI
 Floor position, car direction, doors status & lift status graphical display
 Digital trip counter
 Door nudging buzzer output
 No Entry Indicator Output
 Shaft self-learning for quicker installations

Call pushes

24Vdc 3 wire Car & Landing call pushes.
 Maximum power rating for each call push 1W

Controller Mechanics

Wall/floor mounted cabinet, powder coated mild steel
 Dimensions: Height 1200 - 1800mm, Width 800mm, Depth 400mm
 DBR resistors (where required) mounted on the top of the cabinet
 Centre opening doors.
 IP22 rating

Compliance details

Products are manufactured within a system certified to BS EN ISO9001:2000