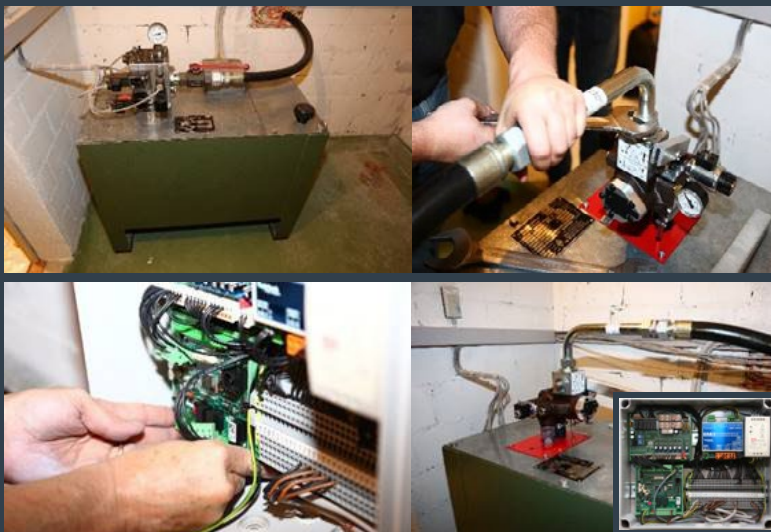


BUCHER hydraulics

BUCHER PRODUCTS AVAILABLE FROM HYDRATEC

Modernisation with the MULTikit iValve



*12 months
on-site warranty*

All our work comes with the assurance that any callbacks are covered including parts and labour



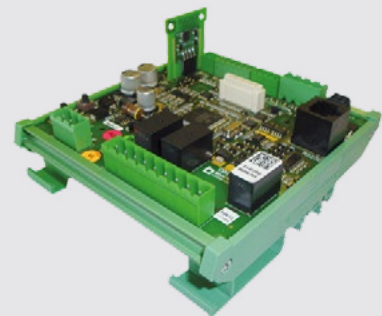
Our engineers are certified First Aiders so can even work when the site First Aider is absent



iValve i250



iValve i500



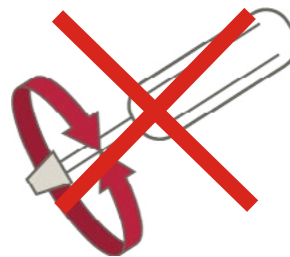
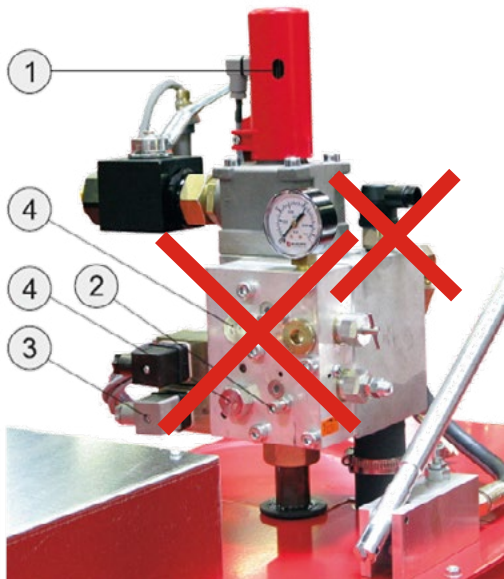
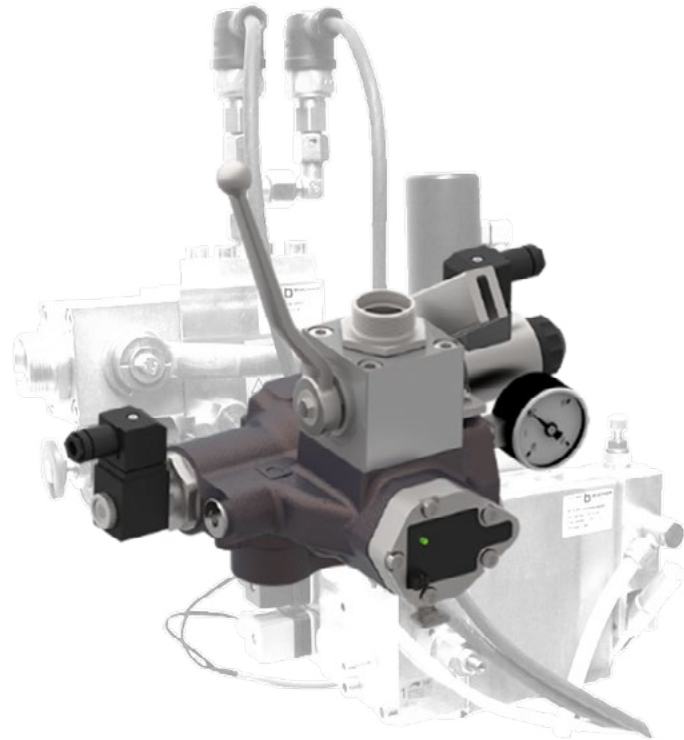
iCon

BENEFITS OF THE IVALVE ACCORDING TO A3 TODAY

- Integrated A3
- Integral pressure sensing
- Reduced set up time with iTeach

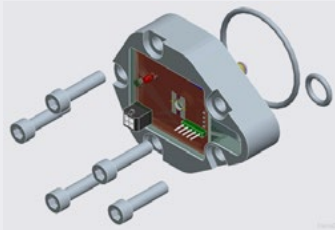
INSTALLATION TIME

- Basic set up of the valve

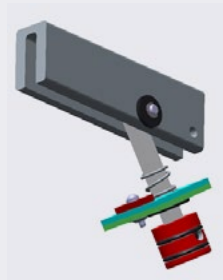


IVALVE COMPONENTS

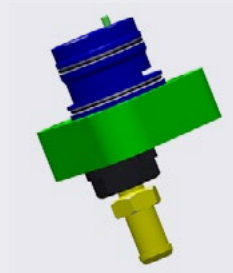
iBox



Hand pump



Included
Emergency
lowering



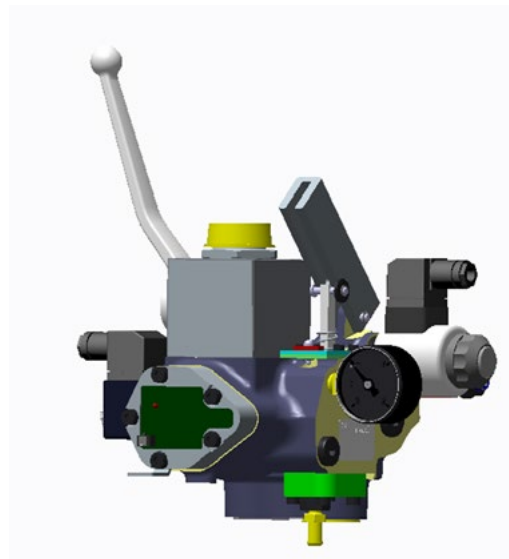
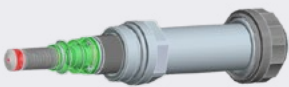
Ball valve



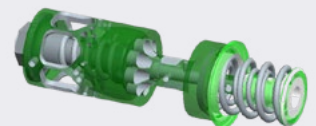
Deflector/switch



Pilot control



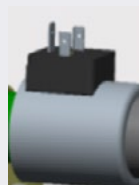
Main Spool



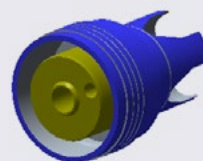
Max. Pressure
Valve



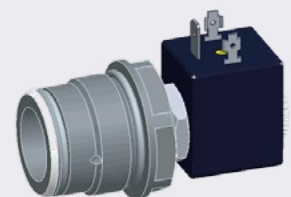
Proportional
Solenoid



RSVQ-Spool

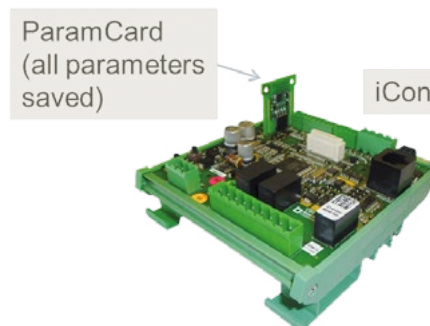
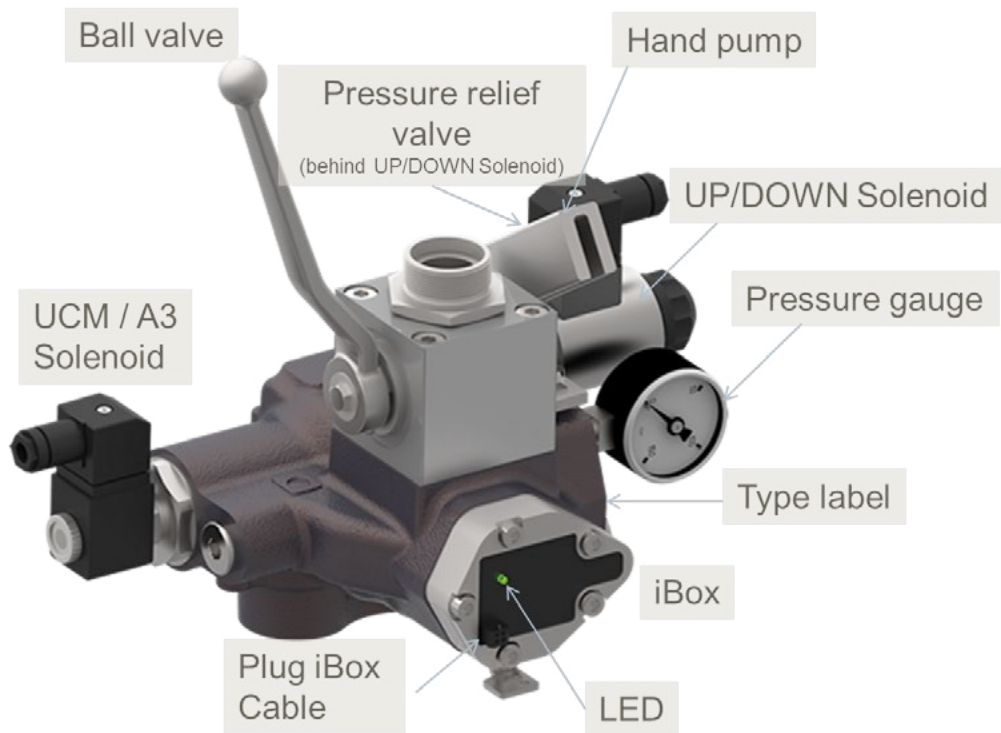


A3 Solenoid



FUNCTION OVERVIEW

- iTeach
- SMA (Self Monitoring Acknowledge)
- Speed monitoring for early opening doors
- 2 pressure points
- Elect. emerg. lowering
- 24 Status LED's for fault finding
- Upgradeable



MULTIkit iValve
CONFIGURATION SHEET

Details from existing installation:

- Valve type
- Supply voltage
- Flow rate
- Speed
- Static pressure Min/Max
- Pressure switching points
- A3-Function (option)
- Lift controller (retained/replaced)
- Cable length required

BUCHER
hydraulics

Konfigurationsblatt für MULTIkit-iValve

Firma: _____	E-Mail: _____
Name: _____	Telefon: _____
Projekt: _____	

<p>1. Angaben für den Umbau (mechanisch MULTimech / elektrisch MULTibox)</p> <p>1.1 Bestehender Ventiltyp</p> <table style="width: 100%;"> <tr> <td><input type="radio"/> ALGI AZSTB I 3 MR</td> <td><input type="radio"/> Bein/Leistritz EV10 1/4"</td> <td><input type="radio"/> OMARNL-1 1/4"</td> </tr> <tr> <td><input type="radio"/> ALGI AZSTB I 4 MR</td> <td><input type="radio"/> Bein/Leistritz EV100 1/4"</td> <td><input type="radio"/> OTS HEBC</td> </tr> <tr> <td><input type="radio"/> ALGI AZSTB II 3 MR</td> <td><input type="radio"/> Bein/Leistritz EV10 1 1/4"</td> <td><input type="radio"/> Ureca PSB I 3 MR</td> </tr> <tr> <td><input type="radio"/> ALGI AZSTB II 4 MR</td> <td><input type="radio"/> Bein/Leistritz EV100 1 1/4"</td> <td><input type="radio"/> Ureca PSB I 4 MR</td> </tr> <tr> <td><input type="radio"/> ALGI AZSTB III 3 MR</td> <td><input type="radio"/> Bein/Leistritz EV10 2"</td> <td><input type="radio"/> Ureca PSB II 3 MR</td> </tr> <tr> <td><input type="radio"/> ALGI AZSTB III 4 MR</td> <td><input type="radio"/> Bein/Leistritz EV100 2"</td> <td><input type="radio"/> Ureca PSB V 3 MR</td> </tr> <tr> <td><input type="radio"/> Beringer LIV 16</td> <td><input type="radio"/> Bein/Leistritz EV10 2 1/4"</td> <td><input type="radio"/> Ureca PSB V 4 MR</td> </tr> <tr> <td><input type="radio"/> Beringer LIV 32</td> <td><input type="radio"/> Bein/Leistritz EV100 2 1/4"</td> <td><input type="radio"/> 3-MAP</td> </tr> <tr> <td><input type="radio"/> Beringer LIV 125</td> <td><input type="radio"/> GMV Olodynamic 30 10 EN 1 1/4"</td> <td><input type="radio"/> Ventiltyp nicht aufgeführt (Aktionierung erforderlich)</td> </tr> <tr> <td><input type="radio"/> Beringer LIV 250</td> <td><input type="radio"/> GMV Olodynamic 30 10 EN 1 1/4"</td> <td></td> </tr> <tr> <td><input type="radio"/> Beringer LIV 500</td> <td><input type="radio"/> GMV Olodynamic 30 10 2 CH</td> <td></td> </tr> <tr> <td><input type="radio"/> Beringer LIV 700</td> <td><input type="radio"/> Hidral H2 V-N</td> <td></td> </tr> <tr> <td><input type="radio"/> Beringer LV150</td> <td><input type="radio"/> Kone/Fam Hydronic 200</td> <td></td> </tr> <tr> <td></td> <td><input type="radio"/> Kone/Fam Hydronic 300</td> <td></td> </tr> <tr> <td></td> <td><input type="radio"/> Kone/Fam Hydronic 200 5/E 1 1/4"</td> <td></td> </tr> <tr> <td></td> <td><input type="radio"/> Kone/Fam Hydronic 300 5/E</td> <td></td> </tr> </table> <p style="text-align: right; font-size: small;">* Nur Minimum Aggregat</p>	<input type="radio"/> ALGI AZSTB I 3 MR	<input type="radio"/> Bein/Leistritz EV10 1/4"	<input type="radio"/> OMARNL-1 1/4"	<input type="radio"/> ALGI AZSTB I 4 MR	<input type="radio"/> Bein/Leistritz EV100 1/4"	<input type="radio"/> OTS HEBC	<input type="radio"/> ALGI AZSTB II 3 MR	<input type="radio"/> Bein/Leistritz EV10 1 1/4"	<input type="radio"/> Ureca PSB I 3 MR	<input type="radio"/> ALGI AZSTB II 4 MR	<input type="radio"/> Bein/Leistritz EV100 1 1/4"	<input type="radio"/> Ureca PSB I 4 MR	<input type="radio"/> ALGI AZSTB III 3 MR	<input type="radio"/> Bein/Leistritz EV10 2"	<input type="radio"/> Ureca PSB II 3 MR	<input type="radio"/> ALGI AZSTB III 4 MR	<input type="radio"/> Bein/Leistritz EV100 2"	<input type="radio"/> Ureca PSB V 3 MR	<input type="radio"/> Beringer LIV 16	<input type="radio"/> Bein/Leistritz EV10 2 1/4"	<input type="radio"/> Ureca PSB V 4 MR	<input type="radio"/> Beringer LIV 32	<input type="radio"/> Bein/Leistritz EV100 2 1/4"	<input type="radio"/> 3-MAP	<input type="radio"/> Beringer LIV 125	<input type="radio"/> GMV Olodynamic 30 10 EN 1 1/4"	<input type="radio"/> Ventiltyp nicht aufgeführt (Aktionierung erforderlich)	<input type="radio"/> Beringer LIV 250	<input type="radio"/> GMV Olodynamic 30 10 EN 1 1/4"		<input type="radio"/> Beringer LIV 500	<input type="radio"/> GMV Olodynamic 30 10 2 CH		<input type="radio"/> Beringer LIV 700	<input type="radio"/> Hidral H2 V-N		<input type="radio"/> Beringer LV150	<input type="radio"/> Kone/Fam Hydronic 200			<input type="radio"/> Kone/Fam Hydronic 300			<input type="radio"/> Kone/Fam Hydronic 200 5/E 1 1/4"			<input type="radio"/> Kone/Fam Hydronic 300 5/E		<p>1.2 Bestehendes Aggregat (Foto):</p> <p>Typ: _____</p> <p>Bojendr: _____</p> <p>1.3 Schlauch/Rohr Zylinderzuleitung Schlauchweite, Oberwurfmutter oder Bezeichnung auf vorh. _____</p> <p>1.4 Versorgungsspannung</p> <p><input type="radio"/> 100-240 VAC 50/60 Hz_50 Watt</p> <p><input type="radio"/> 400 VAC 50/60 Hz_50 Watt</p> <p>1.6 Länge (Box Istwerkabel / Magnetkabel)</p> <p><input type="radio"/> 1.5 m</p> <p><input type="radio"/> 6.0 m</p> <p><input type="radio"/> 12.0 m</p> <p>1.8 Elektrische Steuerung</p> <p><input type="radio"/> erneuert</p> <p><input type="radio"/> nicht erneuert</p>
<input type="radio"/> ALGI AZSTB I 3 MR	<input type="radio"/> Bein/Leistritz EV10 1/4"	<input type="radio"/> OMARNL-1 1/4"																																															
<input type="radio"/> ALGI AZSTB I 4 MR	<input type="radio"/> Bein/Leistritz EV100 1/4"	<input type="radio"/> OTS HEBC																																															
<input type="radio"/> ALGI AZSTB II 3 MR	<input type="radio"/> Bein/Leistritz EV10 1 1/4"	<input type="radio"/> Ureca PSB I 3 MR																																															
<input type="radio"/> ALGI AZSTB II 4 MR	<input type="radio"/> Bein/Leistritz EV100 1 1/4"	<input type="radio"/> Ureca PSB I 4 MR																																															
<input type="radio"/> ALGI AZSTB III 3 MR	<input type="radio"/> Bein/Leistritz EV10 2"	<input type="radio"/> Ureca PSB II 3 MR																																															
<input type="radio"/> ALGI AZSTB III 4 MR	<input type="radio"/> Bein/Leistritz EV100 2"	<input type="radio"/> Ureca PSB V 3 MR																																															
<input type="radio"/> Beringer LIV 16	<input type="radio"/> Bein/Leistritz EV10 2 1/4"	<input type="radio"/> Ureca PSB V 4 MR																																															
<input type="radio"/> Beringer LIV 32	<input type="radio"/> Bein/Leistritz EV100 2 1/4"	<input type="radio"/> 3-MAP																																															
<input type="radio"/> Beringer LIV 125	<input type="radio"/> GMV Olodynamic 30 10 EN 1 1/4"	<input type="radio"/> Ventiltyp nicht aufgeführt (Aktionierung erforderlich)																																															
<input type="radio"/> Beringer LIV 250	<input type="radio"/> GMV Olodynamic 30 10 EN 1 1/4"																																																
<input type="radio"/> Beringer LIV 500	<input type="radio"/> GMV Olodynamic 30 10 2 CH																																																
<input type="radio"/> Beringer LIV 700	<input type="radio"/> Hidral H2 V-N																																																
<input type="radio"/> Beringer LV150	<input type="radio"/> Kone/Fam Hydronic 200																																																
	<input type="radio"/> Kone/Fam Hydronic 300																																																
	<input type="radio"/> Kone/Fam Hydronic 200 5/E 1 1/4"																																																
	<input type="radio"/> Kone/Fam Hydronic 300 5/E																																																

<p>2. Angaben für Ventil-Auslegung</p> <p>2.1 Durchflussmenge am Ventil*</p> <p>Durchflussmenge AUF: _____ [l/min]</p> <p>Durchflussmenge AB: _____ [l/min]</p> <p>* falls Durchflussmenge nicht bekannt:</p> <p>Zylinderdurchmesser: _____ [mm]</p> <p>Anzahl Zylinder: _____</p> <p>Umlenkung: <input type="radio"/> direkt <input type="radio"/> indirekt 2:1</p> <p>2.2 Kabinegeschwindigkeit</p> <p>Auffahrt (AUF): _____ [m/s]</p> <p>Abfahrt (AB): _____ [m/s]</p> <p>Kabinegeschwindigkeit siehe Sensoreinstellung</p> <p>2.3 Druck:</p> <p>P_{stat} statisch (volle Kab.): _____ [bar]</p> <p>P_{stat} statisch (leere Kab.): _____ [bar]</p> <p>P_{stat} dy dynamisch (volle Kabine aufwärts): _____ [bar]</p>	<p>3. Optionen gegen Aufpreis</p> <p>3.1 Schlauch Zylinderzuleitung > 1 m</p> <p>Länge: _____</p> <p>3.2 Druck - Schaltpunkte</p> <p>min. _____</p> <p>max. _____</p> <p><input type="checkbox"/> Optionale Druckschalter (zusätzliche Druck-Schaltpunkte)</p> <p>3.3 A3-Funktion MULTibox</p> <p><input type="radio"/> mit</p> <p><input type="radio"/> ohne</p> <p>3.4 Parametrierung</p> <p><input type="radio"/> Handterminal (*)</p> <p><input type="radio"/> Software Win (Download über Webseite)</p>	<p>4. Notizen</p> <p>4.1 Bemerkungen / Ergänzungen</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
--	--	---

Referenz: 2000-20 0562-04-00 Stand: 06.2015
 *) zwingend notwendig wenn kein Laptop für die Software Win zur Verfügung steht (dies zum parametrieren benötigt).
 Max. Betriebsdruck P_{max}:
 iValve - 120 - 80 bar
 iValve - 100 - 80 bar

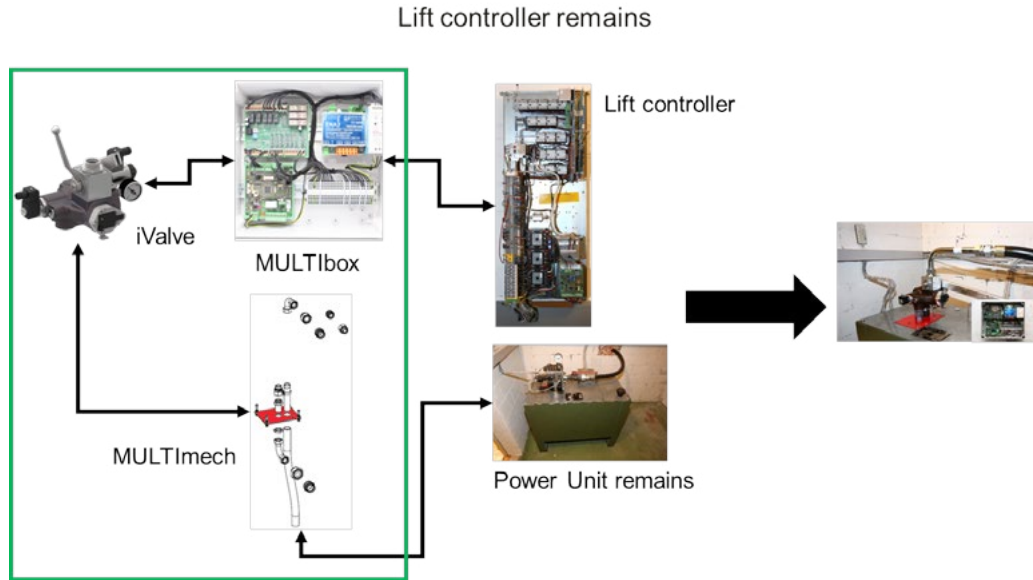
MULTIKIT iValve GOALS

- Upgrade your lift system to the latest technical standards including A3 compliance
- Increase efficiency by up to 30% when compared to a mechanical valve
- Provide a cost effective solution when the controller has to be retained
- Reduced down time due to pre-engineered components
- Easy set up due to iTeach

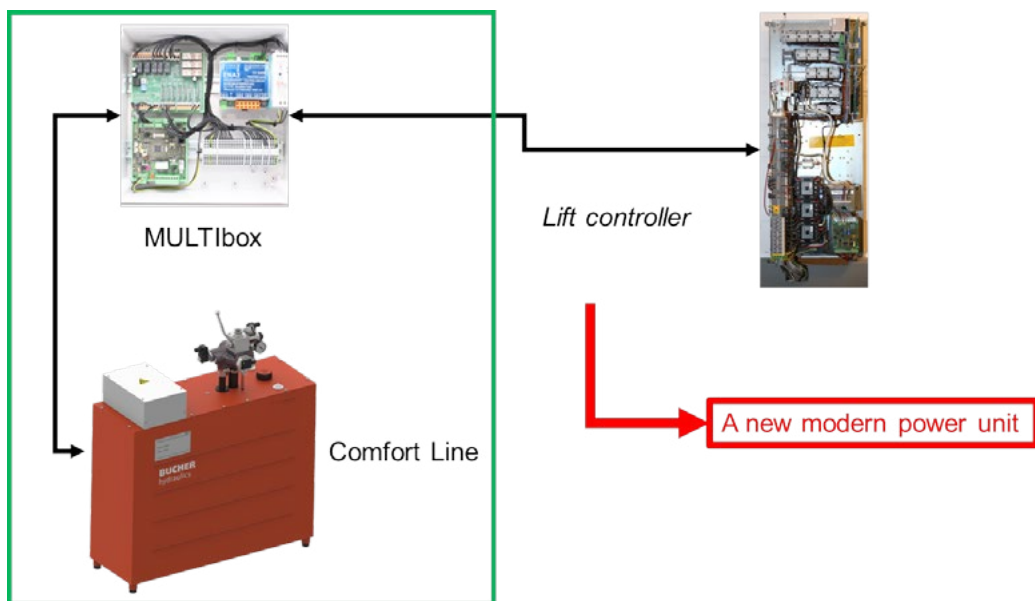
MULTIKIT iValve SALES ARGUMENT

- Existing controller and power unit do not need to be replaced
- Improved ride comfort
- Option for A3 compliance with existing controller
- Reduced down time of the lift
- Cost effective modernisation

**MULTikit iValve
MODERNISATION**

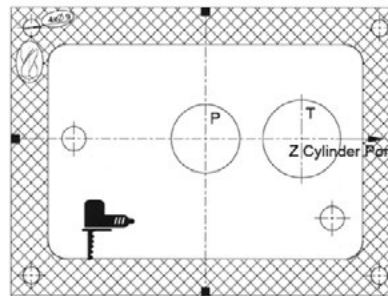
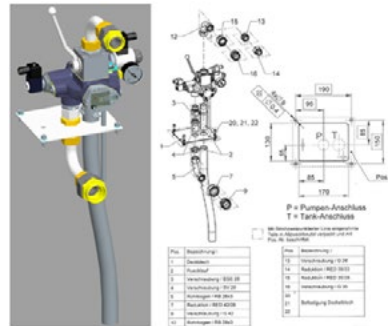


**COMFORT LINE + MULTIbox
MODERNISATION**

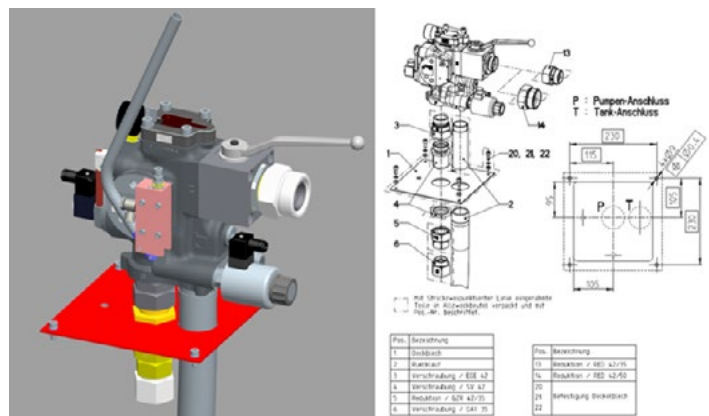
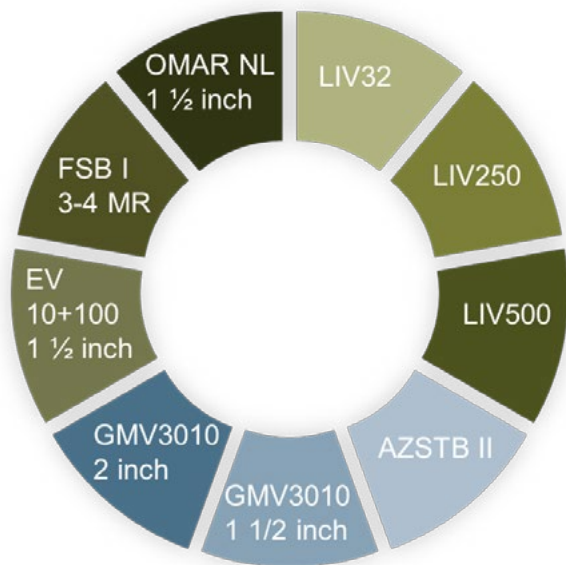


MULTImech TYPES

i250

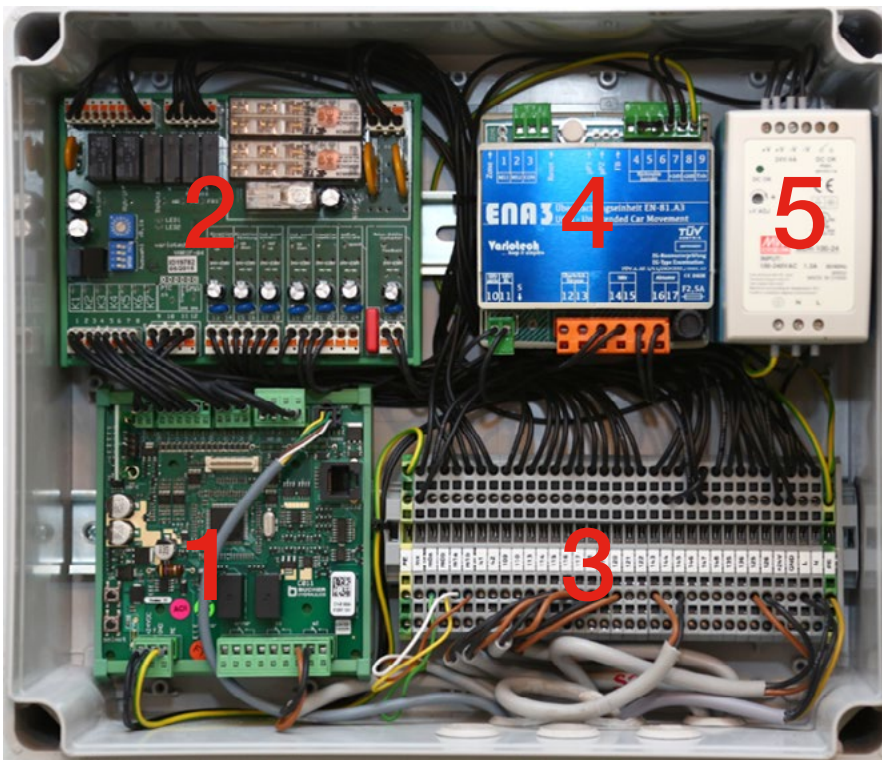


i500



MULTIbox iValve

- With or without A3-Function
- Supply - 110 V , 230V or 400V ac
- 400V version includes an additional transformer



1. iCon
2. Controller Interface
3. Terminal box
4. ENA3 Box (option)
5. Power module

MULTIkit iValve
SAMPLE INSTALLATION





Hydratec Lift Services Limited
Unit 1B, Blackbushe Business Village
Yateley, Hampshire
GU46 6GA

t · +44 (0) 1252 871664
f · +44 (0) 1252 873601
e · sales.south@hydratec-lifts.co.uk

Hydratec Lift Services Limited
Unit A5, Axis Point Hareshill Business Park
Hill Top Road, Heywood
OL10 2RQ

t · +44 (0) 1252 871664
f · +44 (0) 1252 873601
e · sales.north@hydratec-lifts.co.uk

© Copyright 2016, Hydratec Lift Services Limited,
All rights reserved.

*The technical and performance details contained within this document have been obtained from original manufacturers' product descriptions. Hydratec Lift Services Ltd are providing this information as a guide only and cannot be held responsible should any performance promises or technical details be incorrect.

we service your clients as you