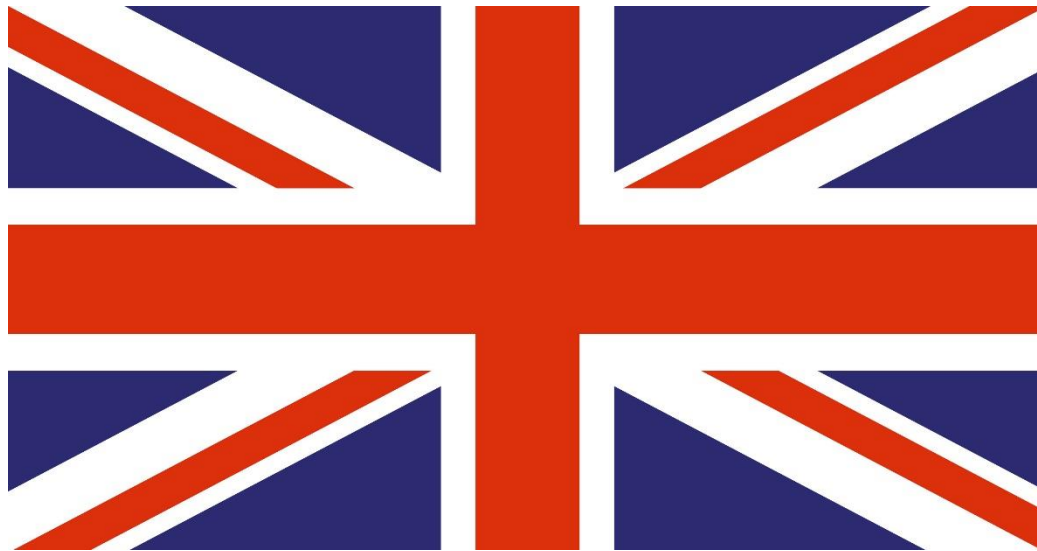


# **The Brexit Lift Company**



A meditation

guided by

Michael S Bottomley VT consult

# The Asana

- Relax and sit comfortably
- Take deep breaths
- Clear your mind
- Close your eyes and think of thinking of nothing
- Come on its easy
- Politicians do it all the time

# Lets assume the worst

- Hard Brexit leads to unpredictable transport times for large loads into the UK.



- Lifts must either be stocked in UK on a job by job basis in advance of the start date or assembled from standard components already stocked in UK



- Or Lifts could be designed and manufactured in UK just like when we were young and we had a manufacturing industry



# Which lift components are either manufactured or stocked in bulk in the UK?

	Manufactured in UK?	Currently stocked in volume in UK	Barriers to UK manufacture
Guide Rails	No	No	No
Guide Brackets	Yes		
Car Sling and Diverter pulleys	Yes		
Counterweight frame and Diverter pulleys	Yes		
Filler weights	Yes		
Lift Machine	No	No	Yes
Lift machine bed/frame	Yes		
Diverter pulleys	Yes		
Buffer up stands	Yes		
Buffers car and counterweight	No	No	Yes
Safety gear	Yes		
Over speed governor	No	No	Yes
UCM prevention system	Yes		
Load ropes	Yes		
OSG rope	Yes		
Load rope anchorages	No	No	No
Shaft switches	No	Yes	
Shaft positioning system	No	Yes	
Car wiring looms	Yes		
Trailing cables	No	Yes	
Overload detection unit	No	No	Yes
Lift car lighting and emergency lighting	Yes		
Lift Car Enclosure	Yes		
Car top control	Yes		
Half way boxes	Yes		
Door operator and car doors	No	No	Yes but UK test house and manufacturing experience
Safe edge	Yes		
Car operating Panel	Yes		
Landing door systems	No	No	Yes but UK test house and manufacturing experience
Landing pushes	Yes		
Landing indicators & or Hall Lanterns & gongs	Yes		
Shaft wiring looms	Yes		
Autodialler and intercoms	Yes		
Control Panel and VVVF drive	Yes		
pit ladder	Yes		
pit control and stop	Yes		
Shaft lighting and emergency lighting	Yes		
Signage	Yes		

# So what's missing from this nation of shop keepers?

- Guide Rails - not a big problem to manufacture
- Geared & Gearless machines (we do have hydraulics)
- Buffers – easy to stock in bulk
- Overspeed governors - easy to stock in bulk
- Rope anchorages – easy to stock in bulk
- Overload devices – easy to stock in bulk
- Car and landing door equipment tricky but

We had UK manufacture up to 3 years ago?

We also have Warrington fire testing

# What else would we need?

- New designers and production engineers
- Factory 2050 style manufacturing
- New alliances between:- designers, manufacturers and installers.
- New designs to allow single person installation
- “Sling-less” designs that actually perform!
- Shorter lead times typically < 6 weeks



# Mission Statement

## **The Brexit Lift Company Ltd.**

- **Provide UK designed and manufactured lifts fit for purpose for the UK Market**
- **Design for scaffold-less installation**
- **Design for single operative installation**
- **Design for minimal space take pit and headroom**
- **Design for 30 year life cycle with 15 year part modernisation**
- **Utilise as far as possible components manufactured in UK**
- **Utilise only components which are stocked within the UK**
- **Utilise only open protocol components available to all lift service providers at economic cost and minimal lead times**
- **Offer delivery in 6 weeks from approval of drawings**
- **Offer installation period of 1 week per floor including testing**
- **Offer 5 year transferable warranty on all parts**
- **Offer optional fully comprehensive maintenance contracts at 3% of installation cost per annum index linked for 15 years.**

# Re-entry to the outside world

- Open your eyes slowly
- Stretch you limbs
- Check your messages just in case Boris is in power!
- Let me ask you a question
- Would you support the Brexit Lift Company?
- Could I have a show of hands?