



13th MAY 1987 9.30 am-7 pm 14th MAY 1987 9.30 am-5 pm

Champagne Suite,

Novotel London,

1 Shortlands, Hammersmith, London W6 8DR

### The President's Message



Following the outstanding success of our 1986 presentation, I am delighted to welcome you to the British Lift Association's 1987 Exhibition which I am sure will prove again to be of immense interest and enjoyment to all who are involved in the design, purchasing and the aesthetic features of lifts.

At this particular time, our industry is enjoying tremendous technical advances in equipment, design and complementary new materials. It seems essential that we provide a show place for our products and a forum for discussion with Architects and Developers who provide an important stimulus to our Industry's endeavours, and I particularly welcome all who visit the Exhibition with this in mind.

Line Lamis

Clive Lewis President, British Lift Association

**PRESIDENT'S MESSAGE** 

#### A & A ELECTRICAL DISTRIBUTORS LTD

Stand 26

A Company of four years' standing employing eight people, now well-established in the electrical wholesale trade. Specialises in industrial electrical products for the lift and escalator trade. Good technical knowledge of the electrical installation trade with on-the-spot advice.

Prompt free delivery service in London and Home Counties.

**Products** 

Davis Trunking/Conduit Fittings/Cables/M K Accessories/M E M/Thorn/Marshall Tufflex/Full range of bulkheads and emergency lighting plus many more specialist items for the lift trade.

#### BERINGER HYDRAULICS

**Stands 18/19** 

The BERINGER company was founded in the year 1959 in Zug/Switzerland. At the beginning the product line exclusively covered hydraulic controls for industry. Gradual expansion into the field of elevator hydraulics transformed this company within a short spell of time into an internationally recognised specialised supplier in the field of hydraulics.

The product line of BERINGER covers three divisions:

—Elevator hydraulics, Submerged Power Units, Cylinders, Lift Control Valves and Accessories—Industrial hydraulics for mobile cranes, ship cranes, winches, mining machines—Specialised hydraulics, High voltage circuit breakers etc.

Due to intense research and development programmes it has been possible to steadily expand the product line for elevator hydraulics as well as for industrial hydraulics. Know-how and flexibility have been the cornerstones of our success over the last 27 years.

#### **BULL ELECTRIC LTD**

#### Stands 53/54/55/56

Bull Electric Ltd., founded in 1898, has been a leading supplier to the Lift Industry since 1922. The company specialises in motors and static drives for passenger and goods lifts, and has built up an enviable worldwide reputation for product excellence. With a workforce of 250 people, Bull Electric's turnover is currently approaching £8 million p.a.

Elevator products account fo 65% of output, of which 60% is directly exported. The company also markets an extensive range of industrial motors which comprises 35% of turnover.

Products/Services (to be exhibited). Gearless, Powerglide, DC Cutaway, AC Cutaway, DC Hoist Geared Motor, ACVV Regulator, MG Set.

#### CABLE LIFT COMPANY LTD

**Stands 25/32** 

Cable Lift Company is a substantial contracting company. We design, supply and fit new electric and hydraulic passenger and goods lifts. We also refurbish and reconstruct any type of existing lift.

Our vandal resistant range of local authority passenger lifts and products are well regarded and have been installed in most of the London Borough Councils housing schemes.

Our service department carries out planned maintenance on all makes and models of lifts together with a 24 hour radio controlled lift breakdown and repair facility. We specialise in offering quality but competitive maintenance on large multi-group high speed lifts installed by other manufacturers.

The overall policy of our company is to offer a personalised service where we tailor our products and services to suit the particular needs of our clients whilst keeping our costs competitive.

#### **CENTRAL LIFTS (LONDON) LTD**

Stands 8/9

Established in March 1977 with small maintenance contracts and refurbishments. Since then we have grown annually.

In recent years we have branched out into the construction field installing hydraulic and traction equipment to a high standard. By obtaining our equipment direct from the continent, we are highly competitive in all aspects of the lift trade, backed by our excellent maintenance and 24 hour breakdown service.

This year we are celebrating our tenth anniversary in the lift trade.

EXHIBITORS PROFILES

#### **DEWHURST PLC**

#### Stands 49/50/51/52

Founded in 1919 Dewhurst has grown steadily in size and product range. All components in lift control from simple pushbuttons to multi-function microprocessor controllers are designed and fabricated in their Hounslow Works. Sophisticated computer controlled manufacturing plant keeps assembly costs low. In-house sheet metal manufacturing, plastic moulding and machine shop divisions lessen reliability on outside sources, ensuring first-class quality control. *Products/Services* 

The complete range of Dewhurst pushbuttons and indicators is shown. This includes the Vandalresistant Series US81, US84, the Jumbo Series US85 with 2" square pressels and the Tactile Braille Series

Digital Indicators and the UL200 range can be seen together with the latest developments in the pushbutton range.

The Speech Synthesiser which attracted so much attention in last year's display is again on view. Simplex and Duplex LP2000 Microprocessors, which can be incorporated in Dewhurst or users' own controllers are demonstrated with Data Loggers and the latest Remote Monitoring Equipment.

The VS40 Variable Speed a.c. drive which can be used with existing single speed lift motors offers superb performance and levelling features. The FL26 and FL50 Door Operators are presented, together with the Top Track Door Hanger Systems.

Dewhurst have been appointed official U.K. distributors for G.M.V. Hydraulics of Milan and a range of G.M.V. equipment is shown, including the new Home Lift.

#### EXPRESS TRANSFORMERS & CONTROLS LTD

Stand 15

Company formed in 1953 and situated in a 20,000 sq.ft. factory at Runcorn, Cheshire. We specialise in the manufacture of transformers and chokes for the elevator, medical, scientific and other specialist industries. In January we introduced a range of high wattage resistors—details on request.

Associated company Express Transformers Distribution Limited formed in 1985 for the purpose of stocking a standard range of 48 types of transformer for off the shelf delivery.

\*Products/Services\*\*

Single and three phase transformers and chokes including ferrite products for switch mode applications, range of transformers and chokes from IVA up to 500KVA all manufactured to your specification, enclosures can be fitted if required i.e. ventilated or weatherproof. For all your standard and non-standard requirements contact Express Transformers & Controls Limited. Competitive prices and good delivery with the associated company Express Transformers Distribution having 48 standard stock transformers on the shelf.

#### F.S.C. STAINLESS & ALLOYS LIMITED

Stands 5/6

The company offers a service for the manufacture and supply of decorative stainless steel in sheet form. For many years the company has specialised in the processing of stainless steel and alloys, and has now extended its product range to include the supply of sheet material with many varied applications in the building industry. A wide choice of surface finish and colour is available.

Patterning of stainless steel offers the following advantages: it provides many attractive possibilities in interior decor; it strengthens the material, allowing a lighter gauge of steel to be used for a given application; it obscures scratches and blemishes that would be very disfiguring on smooth steel; it makes graffiti-writing almost impossible; and, as the patterning is on one side only, the reverse may be fixed flush onto a substrate.

#### FORMULA SYSTEMS LTD

Stand 11

Formula Systems Ltd was incorporated in 1983 by John Trett. He had in the past 20 years designed many electronic systems including, for the lift industry, the Otis 9948B, 9948R and 9948AA safety edges.

Formula Systems Ltd was established to design and manufacture unique modern-day electronic controls and modules using the very latest 'state of the art' electronic technology. The products are designed to allow for the most advanced and sophisticated control to be introduced to high and low volume uses very economically.

To date Formula Systems Ltd manufactures the most advanced fully automatic safety edges, and floor position indicators for the lift industry and also electronic touch buttons, controls, switches and sensors for a wide variety of other fields including the marine trade, the washroom, MoD and

EXHIBITORS PROFILES

British Rail. Formula Systems Ltd operates from a new factory of 9,000 square feet at Eynsham, Oxford, UK. It has a large production team producing many thousands of units per annum. Strict attention is paid to modern design, attention to detail, quality control and reliability. 100% inspection and test is applied to every unit and in many cases multiple testing is used. Units are available to BSI, ATL, VDE, UL and CSA approvals.

HANALEAN Stands 21/22

Hanalean Limited is one of Britain's leading specialist repairers of heavy electrical machines and control gear with a particular expertise in difficult on-site maintenance and repair work including that necessary for lift motors and sheaves.

Operating nationwide, Hanalean is 'on-line' 24 hours a day, every day of the year for a range of customers that includes water authorities, a number of CEGB areas, off-shore operations and major

companies within the chemical and cement industries.

The company's head office and main works in Norwich occupy an area exceeding 12,000 sq.ft. and house a comprehensive range of re-build and test facilities for equipment, including vertical

machines, rated for operation up to 3.3 kV.

On-site re-surfacing of commutators and sliprings is a particular specialisation, as is in-situ lift sheave re-surfacing and, to undertake this demanding work, Hanalean has developed a range of powered, diamond-tipped under-cutting and other equipments. Work on all types of equipment can thus be performed quickly and efficiently and on machines ranging in size from just a few kilowatts to some of the largest in Britain, rated in thousands of horsepower.

Full stores back-up is another facet of the company's operation and this includes the authorised

distributorship of carbon products for Morganite Electrical Carbon Limited.

# INDUSTRIAL LIFT SERVICES LTD and CROWN ELEVATORS LTD

**Stands 12/13** 

Industrial Lift Services Ltd., and Crown Elevators Ltd., have origins which date from 1918 and specialise in the design and manufacture of a wide range of electric traction and electro-hydraulic lifts to standard sizes and loads or specially to suit existing buildings.

Both companies also specialise in modernisations and refurbishment of lifts of all makes and operate

nationwide.

Design and manufacturing facilities are flexible and both Companies can undertake rigid Specification Contracts or assist with the preparation of draft Specifications with customers who do not have full consultancy services.

Repairs, small works, and Contract maintenance are carried out by both Companies with a full and prompt emergency call-out service.

#### INTERNATIONAL LIFT EQUIPMENT LTD Stands 41/42/47/48

Formerly named Thames Valley Lift Equipment, was formed in 1976. Since which time the company has enjoyed considerable growth, due to the quality and large range of products offered and a staff with sound knowledge gained within the lift industry.

Products/Services—A full range of lift components geared and hydraulic installations—Engineering advice—Drawings and design—Complete lift and component quotations—Trade Counter—Plant hire facilities—On site back-up. I.L.E. are pleased to advise two new products. Firstly, Witronic microprocessor with interface, which is intended for use by companies for incorporating in their own manufactured control panels. Secondly, Alliance Emamelsteel which is a vandal resistant finished steel plate with a choice of 30 colours. Please test for yourself at our stand. Further information is available upon request.

EXHIBITORS PROFILES

#### **MEECH (TECTONICS) LTD**

Stand 2

Employing 22 people Meech (Tectonics) Ltd has 18,000 sq.ft. of modern, well equipped workshops producing components for the lift industry such as structures, enclosures, cars, door packages, face plates etc:

Our comprehensive equipment includes: Linishing machine for up to 600 mm wide; 4 m, 120 tonne Mebusa Pressbrake; 2½ m, 100 tonne Promecam Pressbrake; Weidemann Semi Automatic Turret Punch; Mig and Tig welding, stud welding; Woodworking machinery, etc. etc.

We feel sure that with our experience within the lift industry we can offer both service and quality.

#### PROPBROOK LTD

**Stands 16/17** 

We were formed in 1979 and now employ 33 people. Based in Birmingham, we supply lift cars, doors, architraves and general accessories to the lift trade throughout the U.K. We give a personal service to our customers.

#### QUALITY LIFT PRODUCTS LTD

Stands 27/28/29/30

We are pleased to announce that MGTI is now trading as "Quality Lift Products" Ltd from the same address.

We are continuing to increase our products, offering to British Lift Manufacturers a wide range of components.

In addition we are offering to all lift companies a wide range of lift packages both Hydraulic and Traction to BS5900/5655 (over 300 units installed) and in addition for those companies who require it installation facilities.

We would also like to announce a "NEW RANGE" of Car and Landing doors which are fully automatic with openings ranging from 600mm-2400mm.

A full range of demonstration door equipment will be operating and we look forward to discussing your requirements on our stand.

#### **RIGIDIZED METALS LTD**

**Stands 23/24** 

Formed 25 years ago Rigidized Metals Ltd is the world's foremost company in the production of design strengthened materials.

The company is the leading supplier to the lift industry of a wide range of three dimensional patterned steels for both anti-vandal and decorative applications.

Products/Services

With its complementary in house facility for colouring stainless steels Rigidized Metals is in a unique position to offer a considerable variety of patterns and colours to suit most applications, functional and aesthetic.

The pattern makes the daubing of graffiti more difficult and disguises the effects of abuse either intentional or otherwise.

Rigidized Metals offers patterns in stainless steel, aluminium, mild steel, coated steels, copper, brass, galvanised steel and most other sheet metals.

#### ROPEQUIP LTD

Stand 1

Ropequip Limited, founded in 1968, and specialists in steel wire rope and lifting equipment. We have technical staff available to advise on steel wire rope and lifting gear applications. *Products/Services* 

Specialists in the supply of high performance elevator rope manufactured by Tycsa. All elevator ropes are manufactured in accordance to I.S.O.-B.S.S. specifications and are supplied with fittings and anchor assemblies as required by the customer, with test certificate in accordance to statutory requirements.



#### STEEPLOCK LTD

#### Stands 33/34/39/40

The Company was founded in 1978, since then we have built up a considerable list of customers consisting of several larger London Local Authorities.

We have a large manufacturing facility at Battersea and fully equipped workshop at Wimbledon.

We can on request manufacture to any specification lift cars and refurbish existing lift cars to

a very high standard of interior finish showing no fixings.

Our 24 hour call out, maintenance and repair section is second to none, all vans are radio controlled on a frequency allocated to us by the Home Office and cover a 30 mile radius from our aerial site at Wimbledon Hill.

We can offer three types of maintenance contracts, oil and grease, parts oil and grease and fully comprehensive.

Products/Services

To manufacture supply/install, repair, modernise and maintain full range of lift equipment.

To manufacture and supply/install shaft division screening, gear guarding, shaft lights, ladders in boxes, toe guards, guide shoes, rollers, lift doors, car station panels, landing push plates, architraves, car light boxes, level alarms, light alarms, four and six groove sheaves.

#### THAMES VALLEY LIFT COMPANY LTD Stands 35/36/37/38

The company was founded in 1971 in Ashford, Middlesex by a small group of highly respected people from the heart of the lift industry. This solid foundation has proved its worth by evidence of the very rapid growth to a sizeable company with manufacturing plants in Flint (North Wales) and Ajax (Toronto, Canada).

T.V.L.C. manufacture a comprehensive range of lift control panels for application to simple service lifts up to multi-car computer controlled group systems. On show at this year's exhibition will be a wide variety of controls and associated auxiliary items together with the very latest advancements in remote lift monitoring and data management.

#### THE SERVICE LIFT COMPANY LTD

Stand 7

A company supplying and installing an extensive range of electric service lifts from 50Kg-500Kg capacity complete with their individual free standing and self supporting structures. The lifts are very versatile and can be had with gear above, below or at side, vertical bi-parting doors, single hinged or double hinged, with a large selection of extra equipment, ie: heated car shelves for restaurants, lifts and ships to Lloyd's specification, 1 and 2 hour fire rating, and automatic doors.

We can tailor make to your requirements. We can also provide a range of service/goods hydraulic lifts details upon request.

#### THYSSEN LIFTS & ESCALATORS LTD

Stands 3/4

Thyssen Lifts & Escalators Ltd, part of the Multi-National Thyssen Industrie A.G. was founded in September, 1983, making an immediate impression on the market.

With a full order book and major contracts to be completed during 1987, we have now taken a firm position in the British market. The Company plans to reach £8.5M turnover for the current financial year.

After successfully completing lift installations for Broadgate Phase I + II (£1.3M) during 1986, a satisfied Client negotiated Phase III (£1.6M) for completion this year.

a satisfied Client negotiated rhase in (E1.50vi) for completion this year.

Despite being part of a large group, Thyssen Lifts & Escalators Ltd still enjoys the confidence to sell major components to independent Lift Companies.

Products/Services

Thyssen Lifts & Escalators Ltd sell and supply all types of vertical transportation. The Company offers a nationwide cover for service, maintenance, repair and modernisation. In addition Thyssen manufactures and supplies high quality components for the Lift & Escalator Industry.

**EEXHIBITORS PROFILES** 

#### TINSLEY STRAIN MEASUREMENTS LTD

Stand 58

Tinsley Strain Measurements Ltd is part of H. Tinsley, the Scientific Instrument Manufacturing Company based in Croydon, Surrey.

Products/Services

The T.S.M. range of Load Weighing Devices may be used as a Pure Overload Device or may be used to give percentage load signals for use in Lift Control Systems. Even zero load may be checked for security applications.

#### TIRFOR LTD

Stand 31

Tirfor Limited, founded in 1956 is now part of the international Tractel organisation with factories and offices in most major industrial countries and specialising in the manufacture of lifting and pulling machinery, access equipment, load measuring systems and mechanical handling material. Several of the products—the Tirak, manual and hydraulic Tirfor, Minifor and Load Link, have special applications in the lift industry where they are used for installation and maintenance work on lift cages and guide rails. The main feature which makes them of interest to the lift industry is the fact that any height of lift can be achieved with the product range.

#### WEBSTER DRIVES LTD

Stand 20

Webster Drives Ltd, has been in business since 1878, manufacturing various forms of transmission equipment. We manufacture the finest quality lift winding machines, for most types of applications. Our sales engineers are available to offer an excellent technical service in the U.K. when required. Marketing Contact: David Ball—Managing Director.

Contracts Manager: Robert Irving. Technical Director: Malcolm Brown.

Products/Services

Complete Winding Machines for Passenger & Goods Lifts, Drive Units for Service Lifts, Dumbwaiters, Invalid Lifts, Chair or Stair Lifts, Sheaves, Diverter Assemblies, also Ancillary Equipment, etc.



UNIT 5, BERMONDSEY TRADING ESTATE ROTHERHITHE NEW ROAD, LONDON, SE16 3LL Telephone: 01-231 1336/7

> Telex: 883096 Elevat G. Fax: 01-232 2307

# INTERNATIONAL LIFT EQUIPMENT

(FORMERLY THAMES VALLEY LIFT EQUIPMENT)

We now have the final answer to vandalism of lift finishes being the sole agents to the lift industry for

#### "ALLIANCE ENAMELSTEEL"

and can now offer a return to colourful finishes with high level resistance to both mechanical and chemical influences. For further information and testing facilities visit our Stand No. 41/42/47/48.



Stands 41/42/47/48

INTERNATIONAL LIFT EQUIPMENT





#### **MEECH (Tectonics) Ltd**

Unit 16

All Saints Industrial Estate

All Saints Avenue

Margate Kent CT9 5TJ

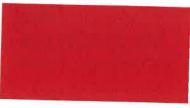
Tel: Thanet (0843) 295745 Telex: 966423 MEETEC.

Fax: (0843) 296455

for



- \* ENCLOSURES
- \* DOORS & CARS
- \* FACE PLATES
- \* CAR REFURBISHMENT





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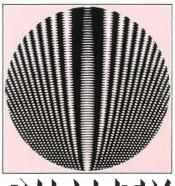
see you on

# STAND 27/28/29/30

to discuss your requirements for

- » lifts under B.S.5900 / 5655
- » components
- » spare parts

Unit 28
ZENNOR ROAD INDUSTRIAL ESTATE
BALHAM LONDON SW12



Lift Products Ltd.

Tel No: (01) 673-5527/8 Telex No: 922056 MGTI Remote Control and Monitoring

**Microprocessors** 

Variable Voltage Controllers

Vandal-resistant
Pushbuttons
and Indicators
GMV Hydraulic
Equipment

All on Stand Nos. 49/50/51/52



Hounslow TW3 3LT, England

Tel: 01-570 7791. Telex: 262019 Dewhst G. Fax: 01-572 5986



# The Complete Lift Power Package

STANDS <u>53/54/5</u>5/56

Bull Motors Ltd. Foxhall Works, Foxhall Road Ipswich IP3 8JD England Tel: (0473) 719331 Telex: 98410

#### Stands 18/19

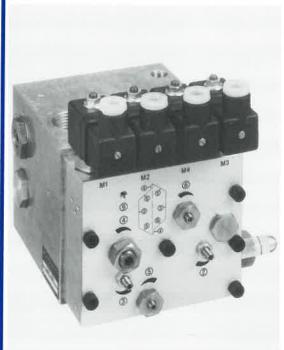


#### !! HERE WE GO AGAIN !! ...



#### **NEW LIFT CONTROL VALVE**

Beringer-Hydraulik G.m.b.H. has rounded off its successful model range of electronically controlled lift valve systems, type LRV, by a newly developed lift control valve, type LSV, The new valve, which was introduced to the UK Lift-Industry for the first time at our own Home-Fair in November 1986, functions without electronic equipment and is designed for travelling speeds up to 0.63 m/sec.



The integrated hydraulic control permits load-independent travelling characteristics in upward and downward directions. The maximum downward speed is independently adjustable of the upward speed, and acceleration and deceleration can be infinitely varied via an adjustable flow control valve each.

The compact valve (see photo), fitted into a lightmetal case, is available in its basic design with three solenoids having a power input of 12W each, and if desired, can be had also with an additional solenoid valve permitting star-delta start of the electric motor. The customary control voltages of 24, 42, 48, 110 and 180 V DC, as well as 110 and 220 VAC are available. The electrical control is

Particular importance was attached to the development of a design allowing simplified servicing. All essential valve functions are combined in easily interchangeable components. The filters inserted ahead of the down valve and the pilot control are easily accessible for servicing.

As from end of 1986, series production vs planned to be carried out by the most advanced CNC tooling methods. The economic manufacture and the simple design of the valve allow, especially when judged by its performance, a very competitive pricing.

Head Office

Beringer Hydraulik GmbH Industrial and Lift Hydraulics CH 6345 Neuheim Zug Switzerland Tel. 042/53 12 12 Telex 868816

UK-Branch

Beringer Hydraulics 79 Station Road QUAINTON nr. Aylesbury/Bucks, HP22 4BX

Tel. Quainton (029675) 611/612 Telex 83279



Ledra Works, Reservoir Place, West Midlands. WS2 9SN. Tel: (0922) 612545 Telex: 337546

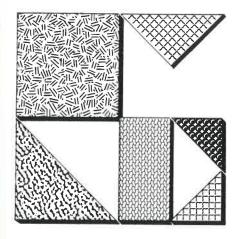
RANGE OF DIMENSIONS					
Pattern No.	Designation	Thickness mm	Width mm	Length mm	
21	Squares				
22	Rhomboids				
25	Linen				
42	Leathergrain				
44	Pearls	0.5-2.0	max. 1500	500-6000	
46	Grasses	0.0 2.0	111dX. 1500	300 0000	
50	Worms				
52	Brickworks				
53	Letters				

Patterning of stainless Steel offers the following advantages: it provides many attractive possibilities in interior decor; it strengthens the material, allowing a lighter gauge of steel to be used for a given application; it obscures scratches and blemishes that would be very disfiguring on smooth steel; it makes graffiti-writing almost impossible; and, as the patterning is on one side only, the reverse may be fixed onto a substrate.

Sheets supplied are standard metric sizes as the table above, but non standard and imperial sizes and gauges can be produced. Patterned sheets are supplied in T.430, T.304 and T.316. Protective coating from .002 upwards can be applied. In addition to our range we have available a further 78 patterns from Rigid-Tex Metals, USA.

For assistance with sales matters, quotations and technical queries, please contact the address above.

STANDS 5/6



ORIGINATOR PRODUCER

OF DESIGN-STRENGTHENED DEEP-TEXTURED METALS:

# RIGIDIZED METALS CORPORATION

Rigid-Tex metal is a textured metal with a clear-through design that increases strength in all directions without added weight. By the application of pressure on our male and female rolls, we actually redistribute the metal above and below the original plane of the material. Improvements in physical properties are due to:

- 1. Cold working the metal.
- 2. The girder effect of the design pattern.

The major benefits of Rigid-Tex metal are:

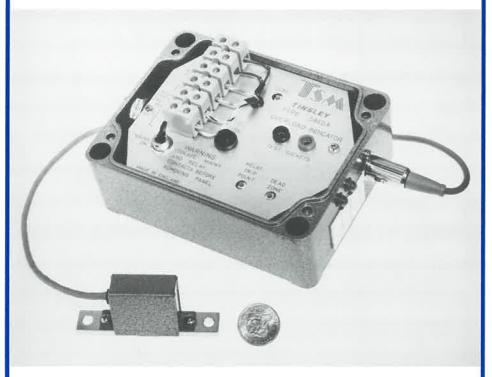
- 1. The ability to use a lighter gauge.
- 2. More impact resistance.
- 3. Visual flatness.
- 4. Eye appeal.

Rigidized Metals Corporation, the originator of design-strengthened metals has over 65 sets of texture rolls. These textures are available in all metals and finishes. While architects have used Rigid-Tex for Spandrel and Mullion applications the material has been used most extensively for elevator cab interior entrances and doors, also ballustrades on moving walkways.

F.S.C. Stainless & Alloys Limited are sole UK agents for this material.

STANDS 5/6

# RELIABLE, LOW COST SAFETY AND SECURITY INDICATOR FOR LIFTS AND OVERLOAD INDICATION



A reliable indicator that can be rapidly attached to any style of lift to give an indication of car load and or providing signals to the lift control circuit.

The solid state electronics are contained in a weatherproof, metal case with external indicating LED's and volt free contacts,

Installation is very easy and requires no dismantling of lift parts or special installation procedures.

All units are essentially maintenance free, but should sensor or indicator be damaged all units are fully interchangeable.

Stand 58

Telephone: 01-681 8431 TINSLEY STRAIN MEASUREMENTS LTD

Telex: 895453

61 Imperial Way, Croydon, Surrey CRO 4RR England



# Thames Valley Lift Co Ltd

Specialists in Elevator Controls



**OTAL RELIABILITY** 



**ERSATILE IN APPLICATION** 



IFETIME OF SERVICE



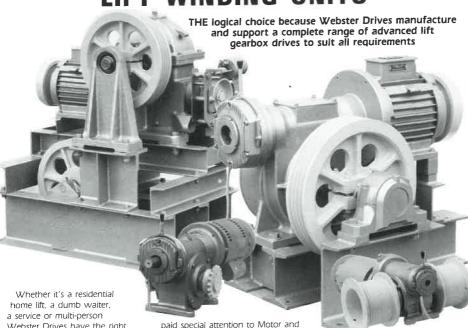
**OMPUTER TECHNOLOGY AT ITS BEST** 

SOLVE ALL YOUR LIFT CONTROL PROBLEMS BY RINGING US ON:

0753-682431 LONDON SALES OFFICE 03526-62521 FLINT SALES OFFICE OR ASK FOR INFORMATION ON STANDS 35/36/37/38

# WEBSTER DRIVES

THE LOGICAL CHOICE FOR QUALITY
LIFT WINDING UNITS



whether is a residential home lift, a dumb waiter, a service or multi-person Webster Drives have the right gearbox for the job. In addition to the sleeve-bearing range which has already earned us an enviable reputation, the advanced new 162 and 202 units for the medium-duty passenger elevator market are fitted with pre-loaded taper roller bearings on both shafts for trouble-free operation and even smoother performance.

Manufactured in the U.K. by Webster Drives, Webster lift gearboxes incorporate special spherical roller bearings in the outrigger which is independently mounted to facilitate completely unrestricted rope angles. We've

paid special attention to Motor and Brake Adaptors, too. They're easily reversed to make changing the 'hand' of a gear unit as easy as possible.

And when it comes to ancillary equipment, it's equally logical to go for Webster. Mountings can be custom-engineered to individual requirements and Webster's famous split-boss sheaves reduce servicing downtime to an absolute minimum.

There are 16 reasons why Webster Drives are the logical choice in lift gearbox drives. Find out about them all by getting in touch with Webster Drives. WEBSTER DRIVES LTD.

LIFT EQUIPMENT AND POWER DRIVE SPECIALISTS

WEBSTER DRIVES LTD.
Folds Road, Bolton BL1 2SE,
Lancashire, England.
Tel: (0204) 382121. Telex: 635316.

Stand 20

NALM





The objectives of the BLA are to stimulate cooperation in the handling of all matters in connection with the manufacture, installation, repair, and maintenance of lifts, escalators and other associated equipment in the UK.

#### Qualifications for Membership

Regular members must be employers of personnel directly connected with the manufacture installation, repair and maintenance of lifts, escalators or associated equipment in the UK. There are three classes of Regular Membership the basic qualifying requirements for which will be:

**CONTRACTOR MEMBERSHIP.** The Contractor Membership is composed of Companies and firms regularly and substantially engaged in the business of selling, installing and servicing vertical and horizontal handling and other equipment incident thereto (commonly known as passenger goods or service lifts, escalators, man-lifts, moving walks, etc).

**SUPPLIER MEMBERSHIP.** The Supplier Membership is composed of Companies or firms regularly and substantially engaged in what is known in the lift industry as supplying components, accessories or services for vertical and horizontal handling and other equipment incident thereto (commonly known as passenger, goods or service lifts, escalators, man-lifts, moving walks, etc).

**DUAL CONTRACTOR—SUPPLIER MEMBERSHIP.** Contractors who solicit or are regularly engaged in supplying components or accessories for vertical and horizontal equipment as described above, either in its own company name, a subsidiary, affiliate or a company in which it has an interest shall maintain a dual Contractor-Supplier membership in the name of such company or companies or apply for membership as a supplier.

Suppliers who solicit or are regularly engaged in selling, installing or servicing vertical horizontal handling equipment as described above, either in its own company name, a subsidiary, affiliate or a company in which it has an interest, may choose to maintain dual Contractor-Supplier Membership. Supplier firms holding a dual membership shall be permitted to hold office in a Supplier member status only.

In order to qualify, an applicant for Contractor or Supplier membership must meet the following requirements:

Must have been engaged in business as a Lift Contractor or Supplier, at least two years prior to the date on which application is made.

Must have an established place of business.

Must subscribe to the principles, and, wherever possible in practice, comply with current British Standards and Code of Practice for Lifts and Escalators, or other codes or ordinance having applicability.

Must have an acceptable credit rating.

Must subscribe to the purposes of the Association, and be willing to accept committee assignments and other work to further its ends.

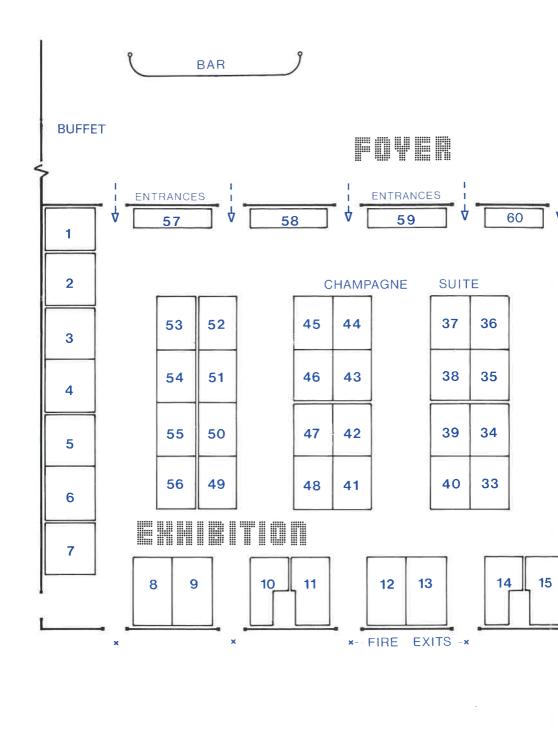
The officers who apply on behalf of a firm or corporation must be actively engaged in its business.

An **ASSOCIATE MEMBER** shall be affiliated with the lift, industry he shall not be actively engaged in the business of the manufacture installation repair or maintenance of lifts escalators and associated equipment.

An **HONORARY MEMBER** shall be one who has been an active representative of or member of the Association and has discontinued his commercial activities in the lift industry. An honorary member shall be permitted to attend meetings of the Association in a social capacity only. He shall not be permitted to vote nor be required to pay membership fees.

Only regular members shall be entitled to vote at the Association's meetings.

# BRITISH LIFT ASSOCIATION



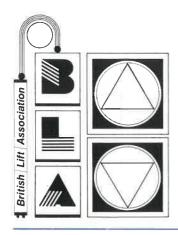
# REGISTRATION | HOTEL

			OFFICE
		/	24
32	25		23
31	26		22
30	27		21
29	28		20
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	16	17	18
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	Stand Nos
A & A Electrical	26
Beringer Hydraulics	18/19
B.L.A.	60
Bull Motors	53/54/55/56
Cable Lift Co	25/32
Central Lifts	8/9
Dewhurst	49/50/51/52
Express Transformers	15
F.S.C. Stainless	5/6
Formula Systems	11
Hanalean	21/22
Health & Safety Exec	57
Industrial Lift Services	12/13
International Lift Eqpt	41/42/47/48
Meech (Tectonics)	2
Propbrook	16/17
Quality Lift Products	27/28/29/30
Rigidized Metals	23/24
Ropequip	1
Steeplock	33/34/39/40
Thames Valley Lift Co	35/36/37/38
The Service Lift Co	7
Thyssen	3/4
Tinsley Strain	58
Tirfor	31

20

Webster Drives



British ## Association

Association Secretary: Mrs. Pat Gale

Office:

British Lift Association Spinney Croft, Crabtree Drive, Leatherhead, Surrey KT22 8LG

Tel: (0372) 376764

Abbey Langham Lifts Ltd Apollo Lifts Ltd Adair Bros Ltd Alpha Lifts Ltd

A.F.D. (Gears) Ltd A & A Electrical Distributors Ltd

Agmen Lifts Itd Akron Lifts (UK) Ltd

H Breakell & Co (Blackburn) Ltd

Bull Motors Ltd Beringer Hydraulics

**Bright Home Products** 

Cable Lift Co Ltd Cardiff Lift Co

Central Lifts (London) Ltd

D & A Lifts Ltd Dewcroft Engineering Ltd

Dewhurst plc

Dowding & Mills (Southern) Ltd

Ebor Lift Company Electronic Elevators Ltd Essex Wirework Co Ltd Express Transformers & Controls Ltd

\*Elevat Electronic Sales Corporation

F.S.C. Stainless & Alloys Ltd

5a Langham Place, London N15. 01-881 3337 1 Balfour Road, Ilford, Essex. 01-478 8776 1-7 Skegoneill Street, Belfast BT15 3JL. 0232 776947 Unit 31, Pensnett Trading Estate, Kingswinford, W Midlands. 0384 294715 294a Walworth Road, London SE17 2TE. 01-701 6377 213-219 Brookscroft Road, Walthamstow E17 4JP. 01-523 0111 81c Church Road, London NW4 4DP. 01-203 4255 12a Kentish Town Road, Camden Town NW1 9NX. 01-452 5065

Whitebirk Ind Est, Philips Road, Blackburn BB1 5RL. 0254 580887
Foxhall Road, Ipswich IP3 8JD. 0473 719331
79 Station Road, Quainton, Bucks HP22 4BX. 0296
75611
Unit 6B, Lancaster Road, Carnaby Ind Est, Bridlington Y015 3QY, 0262 606376

50 Brooksbys Walk, Hackney E9 60A. 01-533 3216 Unit 5, Hurman St Docks, Cardiff CF1 6JD. 0222 482822 Central House, 264 Reede Road, Dagenham, Essex RM10 8EL. 01-517 1853

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PO Box 1, Hockley, Essex. 0702 205022
Picow Farm Road, Runcorn, Cheshire WA7 4UU.
09285 74491

1031 Lakeshore Road West, Oakville, Ontario, Canada 6L 1E7, 416-842 8184

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Leonard Lifts Ltd Liftcran & Co Ltd Liftwise Ltd

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Rubax Lifts Ltd

\*Rigidized Metals Corporation

Rigidized Metals Ltd

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Steeplock Ltd Shorts (Lifts) Ltd The Service Lift Co Ltd

Safewrightway Lifts Ltd

Selector Lifts Ltd

Storvite Ltd Thames Valley Lift Co Ltd

Thyssen Lifts & Escalators Ltd Taskmasters Ltd

Tirfor Ltd
Tinsley Strain & Measurements Ltd

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\*Associate Members

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46 Hellesden Park Road, Drayton High Road, Norwich NR6 5DR, 0603 400570

130 Lancaster Road, New Barnet, Herts ENA 8AL. 01-449 9973

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0440 705701
Bermondsey Trading Estate, Rotherhithe New Road,

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Unit 16, Fresh Wharf Estate, Highbridge Road, Barking, Essex. 01-594 3121

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Unit 16, All Saints Ind Est, Margate, Kent CT9 5TJ. 0843 295745

Unit 3, 45 Tudor Road, Hackney E9. 01-986 6116 Hookers Road, Walthamstow E17 6DP, 01-531 3334

30-32 Cato Street, Nechells, Birmingham B7 4TS. 021-359 7097

Unit 28, Zennor Road Ind Est, Balham SW12. 01-673 5527

41 Brookfield Street, Newton le Willows, Merseyside WA1 29RA. 09252 22091

658 Ohio Street, Buffalo, New York 14203, U.S.A. 716-849 4706

Aden Road, Ponders End, Enfield, Middx EN3 7SU. 01-804 0633

Unit 2, Pedham Place Est, Wested Lane, Swanley, Kent BR8 8TR. 0322 67431

Straddan House, Queen Street, Lichfield, Staffs WS13 6QD. 05432 62850

31 Hartfield Crescent, Wimbledon SW19. 01-543 3876 PO Box 55, Shipley, W Yorks BD18 3HL. 0274 587461 142a Canbury Park Road, Kingston on Thames, Surrey. 01-541 1676

82 Langstone Road, Warstock, Birmingham B14 4AS. 021-430 8486

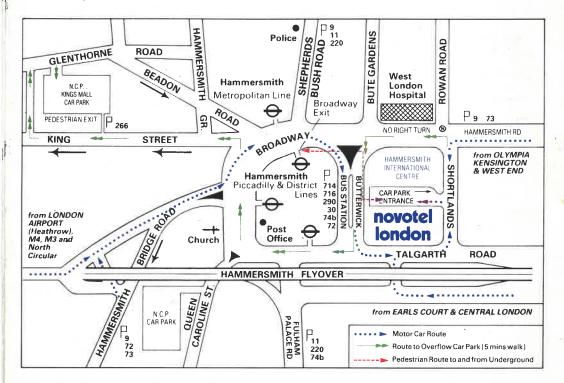
Unit E, 63 Alscot Road, Bermondsey SE1 3AW. 01-237 3172

The Crescent, Littleport, Cambs CB6 1HS. 0353 861831 Unit 15, Manor Farm Ind Est, Flint, Clwyd CH6 5UY. 03526-62521

16 Wellfield Road, Streatham SW16 2BT. 01-677 7511 Unit 6, Britannia Pk Ind Est, North Road, Cobridge, Stoke on Trent ST6 2PZ. 0782 289521

Old Lane, Halfway, Sheffield S19 5GZ. 0742 482266 Standards House, 61 Imperial Way, Croydon CRO 4RR. 01-681 8431

Folds Road, Bolton, Lancs BL1 2SE. 0204 382121



Organisers:

The British Lift Association.

**Organisers Office:** 

The Organisers Office during the exhibition is situated in

the exhibition reception area. (Tel: 01-741 1555 Ex 106)

Admission:

Admission is free of charge by brochure from the BLA or any member company. All visitors must register at entry desks. The Organisers have the right to refuse

admission.

Canvassing:

Canvassing for orders by an unauthorised person is strictly prohibited and in any such case the right of expulsion will at once be exercised. The distribution or display of printed or other placards, handbills or circulars or other articles is prohibited, except by exhibitors on their own stands.

Cloakrooms:

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