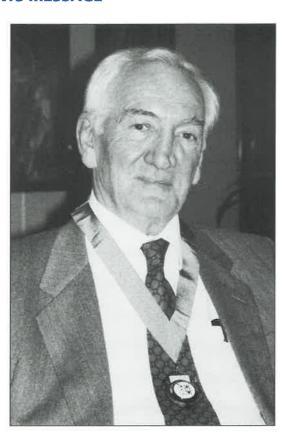




# OFFICIAL EXHIBITION SHOW GUIDE

Exhibition Suite - Novotel London 1 Shortlands, Hammersmith, London W6 8DR





#### Welcome to the 5th British Lift Association Exhibition.

Once again, we are encouraged by the excellent support from the membership of the British Lift Association and I must congratulate them for their confidence in the British Lift Association and the exhibition, especially during a period of recession. Hopefully, this exhibition will give a degree of confidence to the lift and construction industry for the future.

The British Lift Association is in the process of organising seminars during the course of 1993 and there will also be considerable technical information forthcoming to members from the new Director, Mr. Bob Lee. Hopefully this will be of benefit to the lift industry in general.

affen Shoulte.

#### **EXHIBITION STAND NO**



#### 5th Exhibition



**STAND NO** 

#### COMPANY

#### 3 Map Lift Equipment Ltd 11 A & A Electrical Distributors Ltd 35 Alimak Ltd 12 Beringer Hydraulics 10 Bridon Ropes Ltd 20 British Lift Association 23 Datwyler (UK) Ltd 6 Dewhurst PLC 31 Drucearove Ltd 13 **Express Transformers & Controls Ltd** 9 Formula Systems Ltd 14 F.S.C. Stainless & Alloys Ltd 5 Health & Safety Executive 29 Highfield Gears Ltd 17 Hydrax Ltd 26 International Lift Equipment Ltd 28 Jackson Lift Group Ltd 3 Lester Control Systems Ltd 18 Lift Components Ltd 36 Lifteknic Ltd 30 32 Liftmaterial (GB) Ltd Lift-Tech Engineering 33 Major Lift Services Ltd 27 N.H.S. Training Centre 37 Propbrook Ltd 7 Pye (London) Ltd 16 Quality Lift Products Ltd 2 Rigidized Metals Ltd 22 Scott Fabrication Ltd 15 Shorts (Lifts) Ltd 8 Thames Valley Lift Company Ltd 25 The Service Lift Co. Ltd 24 **Thyssen Lift Components** 19 Tréfil Europe UK Ltd 4 True Brothers Manufacturing Ltd 34 Wessex Medical Equipment Co. Ltd 21 Ziehl-EBM (UK) Ltd

#### Champagne suite Reception



#### **BLA MANAGEMENT COMMITTEE**



#### PHOTOGRAPH OF BLA MANAGEMENT COMMITTEE

From left to right: TOP ROW

John Trett: Derek Lycett: John Walding: George Humphreys:

From left to right: SEATED

Peter Stone: Michael Ling - Vice President: Fen Charlton - President: Len Maple - Past President: Bob Lee - Director: Formula Systems Ltd.
International Lift Equipment
Lift Components Ltd.
Cable Lift Installations Ltd.

Quality Lift Products Ltd. Alimak Ltd. F.S.C. Stainless & Alloys Ltd. The Service Lift Co. Ltd. British Lift Association

#### **COMMITTEE MEMBERS WITH NAMES OF THEIR COMPANIES**

Association Officers:

President: F.D. Charlton Vice-President: M. Ling Director: R. Lee

**Management Committee:** 

F.D. Charlton F.S.C. Stainless & Alloys Ltd

LI Duia

R. N.Lee British Lift Association Cable Lift Installations

Ltd

J.D. Loftus Ebor Lifts Ltd M. Ling Alimak Ltd

J. Trett Formula Systems Ltd
D. Lycett International Lift
Equipment Ltd
J.R. Walding Lift Components Ltd

P. Stone Quality Lift Products Ltd
L. Maple The Service Lift Co. Ltd

**Exhibition Committee:** 

Mrs A. Warren A & A Electrical

R. Williams Beringer Hydraulics
Miss K. Clifford Dewhurst PLC
J. Trett Formula Systems Ltd

L. Eden Hydrax Ltd

W. Butler International Lift Equipment Ltd

G. Lees Propbrook Ltd
M. Roe Rigidized Metals Ltd
L. Maple The Service Lift Co. Ltd
D. Warfield Thames Valley Lift Co.
Ltd

K. Harrison Thyssen Lift Components

R. N. Lee British Lift Association

**Technical Committee:** 

Chairman: R.N. Lee Secretary: F. Waite

**Standards Panel:** 

M. Ling Alimak Ltd R. Gooden Coastal Lifts

P. Strickland Nesbit Evans Healthcare

LT(

G. Millen International Lift Equipment Ltd

T. Atkinson Lester Lift Services Ltd S. Pradhan Deve Lifts (UK) Ltd **Statutory Panel:** 

M. Ling Alimak Ltd
R. Steele Wessex Medical
Equipment Ltd

P. Strickland Nesbit Evans Healthcare

T. Atkinson Lester Lift Services Ltd C. French Liftmaterial (GB) Ltd

**Domestic Panel:** 

E. Moss
T. Atkinson
S. Pradhan
C. French
D. Falk

Mavercourt Ltd
Lester Lift Services Ltd
Deve Lifts (UK) Ltd
Liftmaterial (GB) Ltd
Dewcroft Engineering

Ltd

R. Steele Wessex Medical Equipment Ltd

P. Strickland Nesbit Evans Healthcare

Ltd

G. Lees Propbrook Ltd

**Contracts Committee:** 

A.C. Digby
R.N. Lee
British Lift Association
Guideline Installations

Ltd

J. Laroche Jackson Lift Group Ltd
P. Stone Quality Lift Products Ltd

**Resources Committ ee:** 

R.N. Lee British Lift Association F.S.C. Stainless & Alloys

\_ Ltd

L. Maple
C. French
W. Jennings
The Service Lift Co. Ltd
Liftmaterial (GB) Ltd
W. Jennings &

Associates

**Social Committee:** 

Mrs A Warren A & A Electrical

J.R. Walding Distributors Ltd Lift Components Ltd

Mrs V. Maple The Service Lift Co. Ltd

**Golf Section:** 

G. Humphreys Cable Lift Installations

Ltd

C. Lewis, Jnr Industrial Lift Services

Ltd

#### **BRITISH LIFT ASSOCIATION**

**The objectives of the BLA** are to stimulate co-operation 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 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.

#### **EXHIBITORS PROFILES**

#### **3MAP LIFT EQUIPMENT LTD**

**STAND 11** 

**3MAP LIFT EQUIPMENT LTD** is a partnership of several of Europe's leading manufacturers of component parts for the lift trade. A combined experience of more than 100 years trading means that we are in an excellent position to provide a well informed and competent service to the lift industry in the UK. Being owned directly by our manufacturers means that our clients benefit by dealing directly with the factories, rather than with their representative or agent.

Our wide range of services cover component supply from our Wembley warehouse where stock items include anything from guide clips and guide rail (both UK and continental profiles) to doors and sling kits. Project and design work for our lift packages is all done in Wembley, thus giving complete flexibility of layout and presentation to our customers.

**3MAP LIFT EQUIPMENT LTD** provides a high level of service both to the larger national lift companies, as well as being 'user friendly' to the smaller organisations who may not have the drawing office facilities or technical back up that we can offer. Our policy of continued improvement and expansion in the UK will ensure that 3MAP becomes as highly regarded here as our associated companies are on the Continent.

#### A & A ELECTRICAL DISTRIBUTORS LTD

STAND 35

We are now celebrating ten years' establishment as an industrial Electrical Distributor and we are known nationally for our strong links with the lift industry, not only as suppliers to the trade but for our information and advice services of which we are justly proud.

We also pride ourselves on our efficient, speedy and FREE delivery service within the M25 area for which we are very conveniently situated, and we also offer next day delivery to the rest of the U.K.

#### STOCK PROFLLE

Car Top Controls / Hand Winding Units / Emergency Units / Half Way Boxes / Lift Trailer / Push Buttons / Gate Locks / Mains Cable / Conduit / Trunking / Rubber Matting / Bells / Bulkheads / Signs / Alarm Supplies / Dewhurst/ etc. etc.

We aim to provide all the electrical requirements
for the
Lift Installation and Service Trade
with the
MINIMUM of fuss and the MAXIMUM efficiency

#### **EXHIBITORS PROFILES**

ALIMAK LTD STAND 12

Alimak Limited - part of the Alimak Group of Companies with World Wide representation founded 45 years ago - are established as World leaders in vertical transportation in passenger and goods lifts using the proven rack and pinion system and more recently have introduced specialist lifts in the traction and hydraulic field.

This year Alimak Limited is pleased to celebrate it's 25th year of successful business in the United Kingdom.

Passenger and goods lifts, goods platforms, temporary hoists for construction purposes all based upon our rack and pinion drive form the core of Alimak's production.

Alimak rack and pinion units can operate internally or externally without the requirement of a load bearing shaft and can easily be relocated or extended. Also now added to the Alimak range of lifts are traction and hydraulic units similarly to a high specification and for use in all environments.

The range of Alimak Lifts is available in capacities ranging from 400kg to 10 tonnes, any known sophisticated modifications can be fitted. Lifts for hazardous/aggressive environments, firefighting and normal use can be designed, installed, tested and commissioned to BS 5655 and BS 5588 Part 5.

Modifications, and refurbishments together with short - medium - long term maintenance facilities are available, backed by a comprehensive spare parts stock holding and a Nationwide service team.

Alimak systems have been used on many World-wide famous landmarks:-

St Pauls Cathedral • The Eiffel Tower • Statue of Liberty • New Parliament Buildings - Canberra • Canary Wharf • Channel Tunnel • and many offshore locations.

Contact: Terry Brown, Michael Ling, John Vaggers

for further information.

#### **BERINGER HYDRAULICS**

STAND 10

BERINGER are internationally recognised specialist suppliers in the field of lift hydraulics. Know-how, quality and flexibility are the corner stones of their advanced technology. Through constant expansion and future orientated research and development, BERINGER are able to offer a complete range of hydraulic equipment suitable for all applications.

The electronically controlled lift valve system (LRV) is the best known example of BERINGERS advanced technology. The combined advantages of electronics and hydraulics provide the ultimate in ride comfort and offer greater flexibility in varying environments. Its performance, setting highest standards of comfort, regardless of viscosity and load, is unequalled on the market.

The product line of BERINGER covers three divisions:-

- Lift Hydraulics
   Submerged Power Units, Cylinders, Lift Control Valves and Accessories
- Industrial Hydraulics for Mobile Cranes, ship cranes, winches and mining machinery
- Specialised hydraulics such as High voltage circuit breakers, etc.

#### **EXHIBITORS PROFILES**

#### **BRIDON ROPES LIMITED**

**STAND 20** 

Bridon Ropes Limited, the principal operating company of the worldwide Bridon Group, offers a comprehensive range of steel wire ropes and associated products specifically designed for use in the elevator industry. With 15 Distribution Units and 2 Service Centres strategically located around the U.K., Bridon Ropes Limited is able to offer a very quick delivery service along with full technical support and application advice to all its customers.

**Products:** 

Sales/Hire - Wire ropes and terminations - Brilube service dressings - Wire rope, fibre and chain slings - Electric hoists - Pul-Lifts, lever hoists and hand chain blocks.

Tirfors and Tirvits - Shackles and eyebolts - Hydraulic jacks - Shifting skates - Test weights and cradles.

Services:

Inspection, repair and testing of lifting equipment - On-site testing of lifting

beams - Product training - Application advice - Technical support.

**Bridon Ropes Limited** is registered to BS 5750:Part 2:1987/EN29001 - 1987 Quality Assurance Approval. This ensures that traceability throughout manufacture has been independently assessed and approved, thus giving the fullest confidence in the end product.

**Bridon**, the world's foremost ropemaking Group with over 50 companies established in some 20 countries, develops and manufactures a wide range of materials in high carbon, stainless and alloy steels, high performance fibres and composites. From these Bridon makes and markets an unparalleled variety of steel wire products, wire and fibre ropes, structural strand, high strength tension members and specialised lifting equipment.

**Quality is our strength - Strength is our business** 

#### **DÄTWYLER (U.K.) LTD**

**STAND 6** 

Marketing Contact Peter Spratt
Engineering Contact Geoff Brewer

Peter Spratt

Sales Office Lynda Palmer

Patsy Butler

#### **COMPANY PROFILE**

UK Sales and Distribution office of a major Swiss cable manufacturer providing an ex-stock range of elevator travelling cables, hoistway, fixed wiring cables, Data and electronics cable.

#### **PRODUCTS**

Lift Travelling cables by Drum Quantities as well as cut to length and terminated travelling cable. Fixed wiring and hoisting cables and data/electronics cables.

#### **SERVICES PROVIDED**

Standard and special cables held in stock, cables cut to length as well as terminated for direct installation. Cables delivered over a wide area. BS5750 Part 1 Company Lift cables tested to BS6977-1991. British Standard Kite Mark Licenced.



DEWHURST PLC STAND 31

This year's BLA Exhibition is a very special one for Dewhurst plc, because never before have we exhibited so many new products.

Although at the exhibition we will be focusing on the new products, we continue to successfully market throughout the world, our wider range of lift components including Gatelocks, Overspeed Governors, Shaft Switches, Door Operators and Microprocessor Controllers.

Some of the New Products on the Dewhurst Stand you will be able to see include:

**Pushbutton/Indicators.** For the first time since the launch of the highly

successful US81 range, we will be launching a completely new range of Pushbuttons and

Indicators.

**Digital Display Units.** Following the launch of the one character CEII

Display we have now completed the update of our range with the introduction of the CE12

and CE52 Digital Display Units.

**RELCOM - Remote Lift Monitoring.** The launch of a new Database Package to

optimise the benefits of this excellent system.

**Dewhurst - GMV Lift Hydraulics.** GMV have recently launched a wide range of

new products including the ER3100 Electronic

Valve System.

Quality is designed into every Dewhurst product. Our successful certification of BS5750 Part 1 reflects our commitment to uncompromising quality standards.

#### **DRUCEGROVE LIMITED**

**STAND 13** 

Drucegrove Limited has enjoyed steady growth since establishment and are celebrating their Tenth Anniversary as specialist supplier to the Lift Trade. As a result of continued expansion, Drucegrove Limited now operate from new premises close to junction 26 on the M25 motorway and have convenient access to all the London Airports.

On offer is a comprehensive range of Electronic Safety Edges, Standard and Custom-made Faceplates, Car Operating Panels and Back Boxes together with Dot-Matrix indicators, Annunciator Units, Intercom Units, digitised Speech Units, Hall-Lantern Arrows (LED and Incandescent Lamp) and Single Stroke Gongs. Faceplates are manufactured to accept these products and most types of Buttons available today. A complete assembled package can be provided with Engraving and/or Braille as required.

Drucegrove Limited are stockists of the Formula Systems products.

Sight Guards or Fixing Brackets can be provided with the Electronic Safety Edges.

Speaker Housings etc. can be provided with Digitised Speech Units.

Power Supply Units, Encoder Boards and Interface Boards can be supplied with the Dot-Matrix Indicators.

Special Signs and Indicators are made to the Customer's specification.

#### **EXHIBITORS PROFILES**

#### **EXPRESS TRANSFORMERS & CONTROLS LIMITED**

STAND 9

Company formed in 1953 and situated in a 20,000 square foot factory at Runcorn, Cheshire. We specialise in the manufacture of transformers and chokes for the elevator, medical, scientific and other specialist industries together with a range of resistors from 130W to 450W 24 resistances per range and five ranges. Associate 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 3 phase transformers and chokes including ferrite products for switch mode applications, range of transformers and chokes from IVA up to 300KVA 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 and Controls Limited together with the associate Company Express Transformers Distribution Ltd.

Technical literature available on all products including resistors.

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

STAND 5

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 supply of sheet material with many varied applications in the building industry. A wide choice of surface and colour is available.

Patterning of 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 one side only, the reverse may be fixed flush on to a substrate.

#### **FORMULA SYSTEMS LTD**

STAND 14

FORMULA SYSTEMS LTD was incorporated in 1983 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.

Formula Systems Ltd manufactures the most advanced fully automatic safety edges, floor position indicators, touch buttons, speech units and lift monitor units for the lift industry and also controls and sensors for a wide variety of other fields including the marine trade, the washroom, MoD and British Rail.

On show are our MANSAFE continuous non touch safety edges with photoeye and the new SAFESCREEN 47 and 47 PLUS beam multi photo-eye units. Also our Compact indicator which can scroll messages and 'roll over' between floors, touch button, speech unit and lift monitor unit.

Formula Systems Ltd operates from a new factory at Witney, Oxford, UK. It has a large production team producing many thousands of units per annum. Strict attention is paid to quality control and reliability. 100% inspection and ATE test is applied to every unit. Units are available to BSI, ATL, UL and CSA approvals.

#### **HIGHFIELD GEARS LIMITED**

**STAND 17** 

A Private Limited Company - Established in 1927. Offering - winding packages for all applications, standard and special gear drives, repair service for geared products.

Highfield are the third largest independent manufacturer of worm geared products in the United Kingdom and founder members of the British Gear Association. From our West Yorkshire base, we operate extensive sales and service cover throughout the Home Market, Western Europe and North America.

We possess the most advanced manufacturing technology centre having an ongoing programme of high investment in Computerised Numerical Control Machine Tools, Computer Aided Design and Sophisticated Metrology.

We come to the 5th BLA Exhibition as the United Kingdom Market Leader in our field and looking forward to meeting you.

#### **HEALTH AND SAFETY EXECUTIVE**

**STAND 29** 

The Health and Safety Executive (HSE) is charged by the Government with protecting the health and safety of employees and others, who may be exposed to risks from industrial activities. This includes protecting employees and others from risks associated with maintenance of, and travel by, lifts and escalators.

HSE inspectors are responsible for enforcing health and safety in undertakings such as factories, building sites, railways, chemical plants, refineries, farms, fairgrounds, mines, quarries, offshore installations, and nuclear installations. Other non-domestic premises are inspected by local authority environmental health officers. All inspectors, environmental health officers and industry generally, can call for advice on technical matters affecting health and safety from Technology and Health Sciences Division (THSD) within HSE. THSD employ medical practitioners, engineers and scientists who each specialize in a particular subject (such as lift and escalator engineering) and who aim to keep up-to-date with the accident trends associated with the subject and with relevant technical developments. The specialist employees also assist in the drafting of British, European and International Standards.

If HSE identifies matters involving safety that cause concern and are not already being adequately addressed, then it will draw attention to these by means that are in keeping with the circumstances. One of the means used is to prosecute an alleged offender in a Court of Law; another is to publish 'guidance leaflets (notes)'; and yet another way is by exhibiting at trade exhibitions such as those held by the British Lift Association.

HYDRAX LTD STAND 26

Situated just south of Bristol, Hydrax Limited has been manufacturing high quality cylinders for many years. Demand for our single stage displacement lift cylinders continues to escalate and our success in supplying these cylinders to the lift industry has been built upon a foundation of service, reliability and flexibility.

We manufacture a wide range of displacement cylinders with solid or hollow rods with varying wall thicknesses to suit every application.

In recent years, the design and development of synchronized cylinders has created a great deal of interest and these have been successfully implanted into the market place.

In endeavouring to provide the complete package, we also supply power packs, using air-cooled or submerged motors with valves supplied by the market leaders in this technology.

Hydrax Limited has the technical expertise and capability to offer the complete hydraulic service to the lift industry and with a commitment to quality, has reached the final stages of qualifying to BS5750 Quality Assurance.

#### **EXHIBITORS PROFILES**

#### INTERNATIONAL LIFT EQUIPMENT GROUP LTD

**STAND 28** 

International Lift Equipment is amongst the well established lift companies in the U.K. The Company's success lies in its policy of which the following are foremost.

#### **QUALITY OF PRODUCTS**

Our careful selection and testing of the products which are supplied, ensures that we supply only the highest quality components available, if we cannot source products which meet our requirements, then we will endeavour to design and manufacture ourselves at our Electrical and Mechanical Manufacture plant in Leicester.

#### **EXTENSIVE STOCKING**

International Lift Equipment ensure that all popular products are held in stock, this is constantly re-assessed to meet the demands of our customers, we are aware that delivery time is an important factor in today's market.

#### **COMPETITIVE PRICING**

Our pricing policy is subject to constant review, based on cost effective purchasing, bulk buying and manufacturing processes.

#### **QUALITY OF SERVICE**

International Lift Equipment provides a full service to the Lift Industry in all areas - sales, engineering advice, drawing by Cad/Cam, on site assistance, training, plant hire and trade counter.

We hope your visit to the BLA Exhibition is pleasant and informative -which will be ensured when you visit Stand 28.

#### **JACKSON LIFT GROUP**

STAND 3

#### JACKSON LIFT SERVICES LTD

We are the largest independent Lift Service Company based in London and the South East. We carry out planned maintenance on all makes and models of lifts, together with a large 24 hour radio controlled lift breakdown and repair facility. Specialists in quality, but competitive comprehensive maintenance on large multi group high speed lift installations.

#### JACKSON LIFT INSTALLATIONS LTD

Specialists in quality, competitive installations, offering the full range of electric traction, hydraulic passenger and goods lifts, plus a high quality refurbishment and reconstruction facility. No two projects can be exactly the same, therefore each installation is designed and manufactured to the client's specification. We provide full technical advice and support in this respect. Our reputation in providing an excellent *on* programme installation at a competitive cost, has been proven over many years.

#### **JACKSON LIFT GROUP**

Our satisfied client list include many of the United Kingdom's largest Blue Chip Companies, Retail Groups, Banks, Insurance and Media Companies, plus Government and Local Authorities.

Our policy of personalised service with products, services, computerised administration, tailored to a particular client's needs, now well established since 1979, remains an important facet of our companies.

#### **EXHIBITORS PROFILES**

#### **LESTER CONTROL SYSTEMS LTD**

**STAND 18** 

We have progressed ahead of all expectations as one of the UK's largest independent manufacturers of lift control equipment.

Operating from our factory in South London, we are now able to offer customers up to three car group systems AC or DC driven. Simplicity and ease of installation have helped towards our controllers becoming commonplace throughout the country. Our ability to design and manufacture control panels in very short delivery spans has won us many contracts. The flexibility within our organisation has placed us in good stead for future years.

A continuation of heavy investment and R & D have enabled the company's portfolio to now include: Fault Logging, Load Monitoring, a revamped Tape Head, two different types of Car Top Control Units as well as Hand Winding and Alarm Charger Units.

Our main core of business continues to be controllers for the once again growing Hydraulic market and the ever consistent Refurbishment market. Major projects like Duplexes, Gearles, ACVV and VF panels are becoming ever more commonplace.

We look forward to seeing you at our second BLA Exhibition.

#### LIFT COMPONENTS LTD

**STAND 36** 

The trade mark of Lift Components is the superior quality of Lift Equipment supplied. This is couples with the importance given by our staff to offering a reliable speedy supply service which is second to none. The clients' needs are Lift Components' projects. We are the authorised distributor of Express Lift Co Ltd and Adams Elevator Equipment. This combination enables us to manufacture major items of lift equipment including gears, customised fixtures and various manufacturers' replacement parts such as Otis, Schindler and Hammond & Champness.

LIFTEKNIC LTD STAND 30

Lifteknic Limited is a young, progressive company supplying the UK Lift Industry with a complete range of both mechanical and electrical equipment from the world's leading manufacturers. As well as being a Distributor for many major manufacturers, Lifteknic also manufactures its own extensive range of products including Tapeheads, Digital Indicators, Emergency Light Units, Speech Synthesizers and the Com-Tek 80 Microprocessor Control System which, with it's high level language software, make it the most advanced Lift Control System in its class. Lifteknic has it's own in-house design team which is currently working on many new products using the very latest technology available, to offer it's customers quality and reliability. This rapidly growing company is undoubtedly one of the U.K's lift equipment suppliers and manufacturers of the future.

#### **EXHIBITORS PROFILES**

#### LIFTMATERIAL (G.B.) LIMITED

STAND 32

LIFTMATERIAL (GB) LTD - Probably one of the most advanced lift components and complete lift supplier to the lift industry. We commenced operations in the UK in 1972 following in the footsteps of our founder and parent company Liftmaterial GmbH of Munich, West Germany.

The group export to all areas of the world, but **LIFTMATERIAL (G.B.)** concentrates on the domestic market, fully supported by our own Engineering facilities, and also those of our parent company. **LIFTMATERIAL (G.B.)** supply both the small lift installation and repair companies and National companies, giving a supportive service on all aspects of their supply, before and after installation. We have available our own after-sales field Engineers, should they be required, who are fully trained by our main Manufacturers.

**LIFTMATERIAL (G.B.) LTD** occupies an area of approximately 12,000 square feet of modern offices and warehouse, stocking most components and spares for immediate despatch. Our staff are always pleased to offer help and assistance on technical problems and availability of materials.

It is our continual endeavour to provide the best service to our customers.

#### **MAJOR LIFT SERVICES LIMITED**

STAND 27

Established in 1985, MAJOR LIFT SERVICES specialise in providing total support to the lift industry.

The four main areas of operation are:

- 1. LIFT INTERIOR REFURBISHMENT
- 2. PREFABRICATION
- 3. ELECTRICAL INSTALLATION
- 4. BUILDING WORK

Our lift refurbishment section will undertake all aspects of aesthetic lift improvement, with a design facility to provide drawings for approval.

The electrical section is N.I.C.E.I.C. approved and is able to carry out all types of electrical installation, from sub-main replacement to lift shaft lighting.

We supply all types of prefabricated lift equipment including doors, architraves and lift car enclosures, manufactured from a variety of materials (including timber cars). A fitting service is also available to re-wrap architraves and erect shaft internal cladding and enclosures.

The building section are members of the Guild of Master Craftsmen, and provide a complete service allied to lift modernisation and installation.

All our skilled personnel are fully trained and experienced in their particular disciplines and each section is managed by a professional in that field of operation.

·We believe we are one of the few companies in the industry providing such a comprehensive and cost effective range of services, incorporating flexibility which enables them to be tailored to your individual requirements.

#### NATIONAL HEALTH SERVICE TRAINING AND CONFERENCE CENTRE

STAND 37

#### **EASTWOOD PARK**

Eastwood Park has, for many years, been the Training Centre for the NHS and while the NHS remains our principal client, all courses and facilities are open to non-NHS and overseas students. Eastwood Park is a residential training centre conveniently situated approximately 17 miles north of Bristol (junction 14 of the M5).

The staff of the Engineering Department have been running courses on Lift Servicing and Maintenance since 1979. The facilities offered during the course are:-

3 floor purpose built lift tower fitted with a 6 person, two speed electric traction lift

3 floor hydraulic lift installation

A wide range of lift simulators and equipment representing various manufacturers

Fully equipped lecture room within the lift training building

Resident tutors, with both technical and teaching experience

With the wide range of equipment, trainees can learn by "hands-on" experience in a realistic, safe environment without risk to themselves or others, and without disruption to users.

An optional BTEC Certificate can be awarded after successful completion of the course. Assessment for this award is by a written test together with performance tests during the "hands-on" sessions. The Lift Servicing course is of 2 weeks duration: two by one week modules, separated by 2 weeks.

For further information contact:- Peter Bright Programme Manager (Engineering) NHS Training & Conference Centre, Eastwood Park, Falfield, Wotton Under Edge Glos GL12 8DA Tel No: 0454 260207 Ext.2405 Fax No: 0454 260944

#### PROPBROOK LIMITED

STAND 7

Propbrook, established in the late seventies, has become one of the leading suppliers and certainly the largest independent fabrication company in the U.K. lift industry. Situated in Birmingham we are ideally placed to supply the U.K. Easy access to the motorway network means fast and reliable deliveries throughout our customer base.

We offer a design service utilising the latest in CAD technology, therefore enabling us to prepare G.A. and manufacturing drawings from a faceplate to a complete lift installation. Equipment can be made to our own drawings and standards or from customers drawing and specification.

We manufacture and supply a range of standard lift components, for example our widely acclaimed High Performance D.C. Door Operator, track systems, bronze and aluminium sills, retractable clutch mechanisms with options on Zone locking and spring unlocking, landing locks and car gate interlocks.

Our landing entrances carry BSI type approval on the locks and can also be supplied to our own Fire Rated design which carries certification from the Loss Prevention Council.

As we are now agents for MONTANARI GEARS, we can supply drive units up to V/V A/C, overspeed governors, safety gears, rope terminations etc.

The latest addition to the group, Propbrook Refurb, offers specialist site services ranging from small builders works to complete car refurbishments.

#### **EXHIBITORS PROFILES**

#### PYE LONDON LTD

We are general and mechanical engineers allied to the lift industry. Manufacturers of any size diameter cast iron Vee sheaves, divertor wheel shafts and dead eye assemblies, cast iron brake couplings and guide shoes in bronze and cast iron. Modifications to gear and motor units with fabrication of bed plates.

Offering a complete workshop to complement your needs.

#### **QUALITY LIFT PRODUCTS LTD**

STAND 2

**STAND 16** 

Quality Lift Products Limited was established in 1983 with the aim of providing quality products at affordable and competitive prices supported by excellent service. Our milestone to a "Total Quality Service" is demonstrated in our commitment to BS5750, for which we obtained registration in May 1992. As part of our continued quality theme we also introduced throughout 1992 the newly created management position of "Customer Support", providing on-site training, testing, and technical support to our valued customers.

During the last six years Q.L.P. has supplied in excess of 2,000 lift packages to the industry and we clearly expect to dramatically increase upon this over the next 6 years.

A new range of car frames and packages have been introduced for 1993 to compliment our current range.

Our commitment to quality is shared by our Associate principal supplier Electra Vitoria, who have just taken occupation of a 12,000 square metre purpose built high technology factory and administrative block, capable of producing over I,200 lift packages per annum.

An exciting new product for the forthcoming year is the American designed and manufactured Top of Car Intrusion Device, which eliminates and deters vandalism and joyriding on top of lift cars.

So why not visit us on Stand 2 for a little hospitality and an informal discussion of your requirements?

#### **RIGIDIZED METALS LIMITED (ENGLAND)**

STAND 22

Rigidized Metals is a British Manufacturer of textured ferrous and non-ferrous materials.

The 3-dimensional and random patterns produced by this process have both aesthetic and functional aspects. Primarily the pattern produces a surface which is difficult to damage, it resists impact and scratching and hence is ideal for use in situations where vandalism is rife or damage is caused through high density traffic. Hence the material is ideal for lift and door claddings, exterior cladding applications etc.

The bulk output is in stainless steel and aluminium but is also available in most other ferrous and non-ferrous materials. An extension to the basic concept is the company's production of coloured stainless steel.

Colour arises as a result of creating a light interference film which gives rise to a spectrum effect of colour. Paints, pigments and dyes are not used, thus the colour of bronze, blue, gold, red, green and black are totally colour-fast.

Rigidized Metals also offer MetalArt, a process for acid etching designs into stainless steel using a sophisticated photographic and screen printing technique. Design can be reproduced to client's criteria in sheets 8 x 4 feet maximum. Ideal applications are in lift and wall cladding.

#### **EXHIBITORS PROFILES**

#### SCOTT FABRICATION LTD

#### STAND 15

**SCOTT FABRICATION LTD** was set up in 1984 and has seen steady growth ever since. We now employ over 20 staff and have 3 manufacturing sites in Central London and Kent, each specializing in different aspects of lift manufacture.

All staff are highly trained in their own disciplines, and are proud of the quality products supplied. Customer satisfaction is our highest priority, with delivery times and site schedules strictly adhered to.

All products can be inspected and tested at our works prior to despatch, from a simple A.P.B. control panel to a fully assembled lift car and sling. In fact, we encourage customers to visit all 3 sites to see exactly how good our machinery and facilities are.

**Fabrication** Manufacture lift cars, doors, architraves, slings, structures,

counterweights, guards, pit props and ladders, gear rafts, quide brackets, drop ceilings car operator seats, etc.

**Control systems** Manufacture high reliability lift control panels, the unique

sweep indicator, scrolling digital indicators, tapeheads, lighting packs, auto- dialler emergency telephone including

voice feature, etc.

**Electrical** Supply and fit shaft and motor room lighting, emergency

lighting, new motor room supplies, alarm bells, etc. Also

certified testing of portable power tools.

**Re-lines** Lift car re-lines from pattern stainless to intricate hardwood

veneers, re-wrapping of doors and architraves, all types of

flooring, on site spraying, etc.

Other Services Painting - shafts, pits, motor rooms, etc. Site repairs - welding,

cutting, gate repairs etc.

#### **SHORTS (LIFTS) LIMITED**

#### **STAND 8**

Established in 1945 and based in Bradford, West Yorkshire, Shorts (Lifts) Limited are suppliers to lift trade contractors of a comprehensive range of complete lift packages and associated components.

Regular assessment of UK and International markets enables Shorts to offer high quality products at competitive prices.

In-house engineering services support all product sales including design and installation if required. Standard and special applications receive the personalised service which is the hallmark of Shorts, developed over many years working with the lift trade.

**Products:** Service lifts, goods lifts, passenger lifts, hydraulic systems and power

operated doors (including spares and components).

Agencies: BKG Service/passenger lifts with Bunse Aufzuge GmbH

ALGI hydraulic systems with Alfred Giehl KG Automatic lift doors with Sematic (UK) Limited

#### **EXHIBITORS PROFILES**

#### THAMES VALLEY LIFT COMPANY LTD

STAND 25

An awareness of the industry's requirements and a suitable response has always been the hallmark of Thames Valley Lift Company.

However, in today's lift industry the demands are ever increasing. Thames Valley Lift Company are aware that to await the question equates to a lack of forethought. Therefore, with suitable Research and Development, the Company can offer equipment before many customers have even considered its use.

This year's BLA Exhibition will illustrate just how Thames Valley Lift Company intend to introduce new products both in the mid and high-tech areas of their range.

The result will be the introduction today of products for the lift industry of tomorrow and must surely lead to a better future for all concerned.

Thames Valley Lift Company's philosophy is no secret and in practice is merely the placing of emphasis on three factors regardless of the application or scale of project.

These are: i) Flexibility ii) Familiarity iii) Reliability

The three inter-relate and when combined help produce a range that is: **flexible** enough to allow implementation with ease on either new lift or refurbishment projects.

Allows a level of user friendliness that will eventually lead to greater product **familiarity** at a technical level.

Implementation of a quality plan throughout production with BS5750 quality assurance accreditation, providing products of the highest quality and undoubted **reliability**.

#### THE SERVICE LIFT CO. LTD.

STAND 24

A family company which was founded almost ten years ago in Kingston-upon-Thames. The company takes an enormous pride in the quality of its products and service.

We have a large customer base within the trade as well as an established reputation with Architects and Consultants alike.

WE ARE THE U.K. AGENT FOR: AND U.K. & EUROPEAN AGENT FOR: SKG SERVICE LIFTS PEELLE DOORS

#### **THYSSEN LIFT COMPONENTS**

**STAND 19** 

THYSSEN LIFT COMPONENTS supply a wide selection of component parts and packages for the UK lift industry.

In this field in particular it is essential to offer functional products of proven high quality. In development and production our products benefit from the expertise, efficiency and tried and tested experience of THYSSEN AUFZUGE - one of the world's leading lift manufacturers.

Service and consultation are important factors in our relationships with our customers. Reliable information, computer aided, given by our experienced lift specialists, is a key feature of our service. These specialists help our customers make the right choice from a wide selection of products - from tried and tested gear units to functional doors and sensible safety technology.

The success of this concept speaks for itself. More and more lift companies are taking advantage of the THYSSEN LIFT COMPONENTS range.

THYSSEN LIFT COMPONENTS - FOR THE SAKE OF YOUR SUCCESS

#### **EXHIBITORS PROFILES**

#### TRUE BROTHERS MANUFACTURING LTD

STAND 34

True Brothers Manufacturing Ltd was incorporated in 1961 and since 1976 has been offering a specialist service for the design, manufacture and supply of a wide range of Hydraulic Passenger and Goods Lift packages exclusively to the Lift trade. Traction Lift models are also available.

Due to our continued expansion we are pleased to announce the opening of our new factory and offices at Loughborough (Tel: 0509 265383) for the manufacture of Lift packages and associated equipment. Facilities are available for the manufacture in addition to Hydraulic packages, of Lift cars up to 5 tonne capacity, Slings, Balance weight frames, Steel Structure etc.

From January 1993 Puertas Fermator SA of Spain have appointed True Brothers their sole UK and Ireland agent for all Fermator Lift door products and spares.

We have on display examples of our 5 Person and 8 Person Lift cars, together with a sample of the wide range of Lift doors available from Fermator.

We are still a privately owned company and pride ourselves on the personalised service that we are able to offer to our customers. Our products are sold under the TRUBROS and TROUBADOUR trade names and technical literature is available.

Please find the time during your visit to the exhibition to come and talk to us on our stand - we look forward to meeting you.

#### ZIEHL-EBM (U.K.) LIMITED

**STAND 21** 

Ziehl-EBM (UK) Ltd will be displaying its latest comprehensive range of lift motors, controllers and ancillaries manufactured by Ziehl-Abegg of Germany, who are the world's largest manufacturer of AC lift motors.

The new range of single and 2 speed lift motors will be displayed. The latest range of variable voltage (AC)/(VVAC) and variable frequency control (VFC) will be featured. Advancements in electronic tacho/encoder technology has enabled even greater performance and levelling accuracy.

The VVAC control system - the Zetadyn IDV - will be on display. A full working demonstration will be featured, illustrating the state of the art in lift motor control. These controllers feature exemplary performance, accurate floor levelling and conformance to all the latest EMC regulations, which is a particular advantage in buildings equipped with electronic data processing and recording equipment.

The Ziehl-Abegg submersible pump motor suitable for hydraulic lifts will also be shown. This compact, powerful and space saving package is quieter in operation than hydraulic systems which incorporate a conventional air cooled motor. Hydraulic ancillaries on display will include the unique Ziehl-Abegg rotating oil heater, which ensures accurate floor levelling and high performance even during very cold conditions within the lift plant room.

#### WESSEX MEDICAL EQUIPMENT CO LTD

STAND 1

Wessex Medical have for over a quarter of a century specialised in the design and manufacture of a range of small traction and hydraulic lifts for the disabled, for use in the home. With a total of nine different models to choose from, the Company are able to provide a very compact lift to meet the requirements of most homes with the minimum amount of building work being necessary. Because they are built to B.S.5900 they have the added advantage that they do not require a shaft or enclosure at either level. More recently, the Company have introduced a range of small hydraulic platform lifts "The Liberty Lift Range", to provide access for the disabled and wheelchair user to public buildings, museums art galleries, restaurants, hotels and sports stadiums etc., some of their more recent installations being at Lords Cricket Ground; the Old Bailey; Granada T.V. Studios; Thomas Cooks. In addition to meeting the needs of the disabled, the Liberty Lift is proving equally popular whenever there is a need to move equipment between levels. One of the Company's more recent customers being the Prison Serivce where there was a requirement to move food trolleys.



Cable Lift Installations Ltd "The people to talk to if you require a lift"

# **FACTOR**



# Don't let your elevator put

Manufactured by

#### TL Jones Ltd

MICROSCAN DIVISION Head Office & Factory 52-60 Stewart Street P.O. Box 1151 Christchurch New Zealand Phone (64-3) 379-9771 (64-3) 366-7395

#### Introducing MICROS

The leading edge in elevators

Here's the latest advance from T. L. Jones, the company that pioneered today's innovative elevator door technology.

The Microscan X scanning system utilises infra-red technology by projecting beams of light across the elevator door entrance and acting as a sensing screen that will not allow the doors to close if an obstruction is detected.

This innovative design features:

- 63 beam infra-red screen
- Exceptional performance
- Modular design for ease of installation and maintenance
- Compact construction
- Proven reliable electronic componentry
- Warning alarm system standard feature



For optimum passenger safety, economic operation, and improved performance -

#### Get the X Factor MICROSCA

Distributed by

#### International Lift Equipment Limited



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Regional Offices

Northern (0457) 65623 • Southern (0202) 741061 Midlands (0533) 776599, Fax (0533) 770201

# GOING



International Lift Equipment is the largest supplier of lift components in the UK and is rapidly expanding world-wide.

#### BS 5750 ACCREDITED

The ILE Group is BS5750 Part 1 (ISO 9001) accredited for the design, manufacture and supply of components for the lift and allied industries.

Our modern, high-tech factory in Leicester combined with CAD/CAM forms the nucleus for our extensive range of manufactured products.

#### **COMPREHENSIVE RANGE**

We supply a comprehensive range of certified components including G.A.L. and Selcom door equipment. micro processors, package lifts, Dewhurst components, guides, O/S governors, safety gears and much, much more.

#### **NATION WIDE SERVICE**

And from our warehouse in north London, a nation wide service is provided to all our customers.

The Group's expansion in the last two years is due to the extensive range of quality products offered. with full back-up from a highly skilled work force with a sound

#### **RECENT ACHIEVEMENTS**

knowledge of the lift industry.

Recent achievements include 1.500 floating tapeheads sold within six months of release. Microscan Sensor sole agency, variable frequency drives and launch of new 630 kg package 'The International 8.'

#### **ALL-ROUND SUPPORT**

On top of all this, we provide engineering advice, drawing and design, on site back-up, plant hire, full product training and trade counter facilities.

#### **VISIT STAND 28**

So, see us on Stand 28 and we'll show you why we're on the up!

#### COME AND FIND OUT ALL ABOUT OUR NEW 'INTERNATIONAL 8' COMPLETE LIFT PACKAGE

OUR STAND WILL DISPLAY ALL OF OUR NEW PRODUCTS PLUS MANY OTHERS AND LITERATURE ON ALL EQUIPMENT WILL BE AVAILABLE. ALSO OUR COMPREHENSIVE CATALOGUE PROVIDES COMPLETE INFORMATION ON ALL OUR PRODUCTS AND WILL BE AVAILABLE ON REQUEST.



INTERNATIONAL LIFT EQUIPMENT LIMITED
UNITS 1 & 2, HIGHAMS PARK INDUSTRIAL ESTATE, LARKSHALL ROAD, LONDON E4 7HS
TELEPHONE: 081 527 9669. TELEX: 883096 ELEVANT G. FAX: 081 531 0936

#### **ILE MANUFACTURING LIMITED**

BLABY INDUSTRIAL PARK, WINCHESTER AVENUE, BLABY, LEICESTER LE8 3GZ TELEPHONE: 0533 776599. FAX: 0533 770201



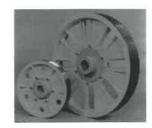


#### STAND 16

LONDON Ltd. General engineers and mechanical lift engineers

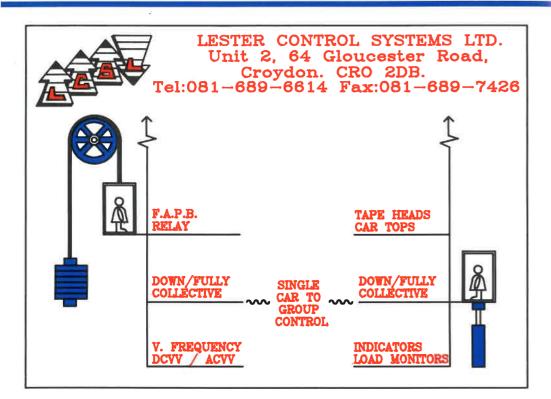
# Manufacture of sheaves of any size diameter, bolt on hub type being our speciality, diverter wheels and assemblies

Complete refurbishments of gear boxes •Re-grooving •Modification to gears and motors •Fabrication of bedplates, finish machined, manufacture of brake couplings, supply of guide shoes & assemblies in brass or cast iron •Fabrication of brackets, toe guards & pit ladders.



#### **PYE LONDON Ltd.**

Hookers Road, Walthamstow, London E17 6DP Telephone: 081-531 3334 Facsimile: 081-531 3336



## FSC STAINLESS & ALLOYS LIMITED

Ledra Works, Reservoir Place, West Midlands WS2 9SN Tel: (0922) 612545 Telex: 337546 Fax: (0922) 720646

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.

RANGE OF DIMENSIONS				
Pattern	Designation	Thickness	Width	Length
No.		mm	mm	mm
21	Squares			
22	Rhomboids			
23	Diamonds			
25	Linen			
28	Chequer			
42	Leathergrain	0.5 -2.0	max. 1500	500-6000
45	Bubbles			
47	Iceberg			
50	Worms			
52	Brickwork			
53	Letters			

STAND 5

#### RIGID-TEX METALS U.S.A.

Rigidized Metals Corporation originated design-strengthened, deep-textured metals over 50 years ago. These three dimensional patterns increase the rigidity of the sheets, offer decorative surfaces, and improve impact resistance.

Major Benefits include:

- 1. Resists scratches and dents.
- 2. Optically flat sheets uniform reflectivity
- 3. Ability to use a lighter gauge.
- 4. Distinctive and decorative patterns.

These benefits, along with the variety of patterns, metals, and finishes available, have made Rigid-Tex Metals a popular choice for Lift door, interiors, entrances, also for balustrades on moving walkways.

FSC Stainless & Alloys Limited are the sole UK agents for Rigid-Tex Metals.

# TOTAL QUALITY

#### **ELEVATOR TRAVELLING CABLES**

Draka Calflex designs and manufactures one of the most comprehensive ranges of Elevator Travelling Cables in Europe. Our commitment is to total quality and total customer satisfaction.





FULL RANGE OF STANDARD & CUSTOM DESIGNS

MANUFACTURED TO BS6977, CENELEC & CUSTOMER'S OWN STANDARDS

**Draka** Calflex

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#### 



DRAKO

Ropes Ltd.

TrefileUROPE Ropes Limited is responsible for the sale of wire ropes throughout the UK, they are backed by a stockholding at their Wire Ropes Service Centre in Crewe, Cheshire.

TrefileUROPE Ropes Limited is a 100% subsidiary of DRAKO Drahtseileri Gustav Kocks

GmbH of Mulheim an der Ruhr in Germany which, in turn, is part of USINER/SACILOR 
Europe's leading steel manufacturer and second largest world wide!

**DRAKO** has been supplying **elevator ropes** on a world wide basis for over 60 years. The main customers include **OTIS, SCHINDLER, KONE and THYSSEN**.

**DRAKO** manufactures the 6 and 8 strand constructions Seale, Warrington and Filler as well as the highly sophisticated 9 strand IWRC special elevator rope **DRAKO 300T.** 

DRAKO elevator ropes are, for example, employed at the following high-rise installations:

WORLD TRADE CENTRE (North and South) in New York, the SEARS TOWER in Chicago, the EXHIBITION TOWER in Frankfurt/Main, the EIFFEL TOWER in Paris, the EXCHANGE SQUARE in Hong Kong, the HEA SUNG BUILDING in Seoul and the TELEVISION TOWER in Beijing.

**DRAKO** elevator ropes are made of steel wires of a high purity and a special surface quality in big production lengths. Due to very sophisticated and up-to-date quality control procedures a constant high quality level is guaranteed.

According to customer requirement the material can be delivered either in one length or in cut-to-length execution, combined with pressed thimble/eyebolt.

The **DRAKO** engineers will be pleased to give more technical information upon request.

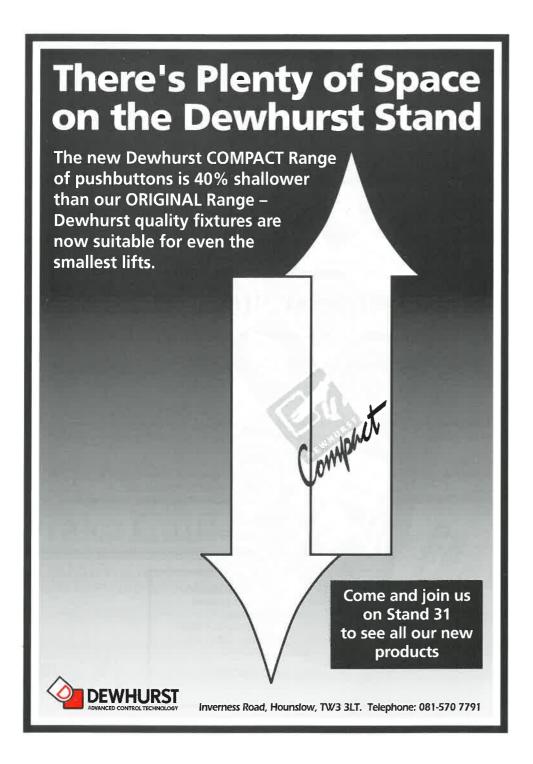
For a copy of our special elevator rope catalogue "INFORM 6" please contact:

Alex Morrison or Maurice Baldwin TrefilEUROPE Ropes Limited Lancaster Fields, Crewe Gates Farm Industrial Estate, CREWE, CHESHIRE, CW1 1FF GREAT BRITAIN

TEL 0270 587728

[FAX] 0270 587913

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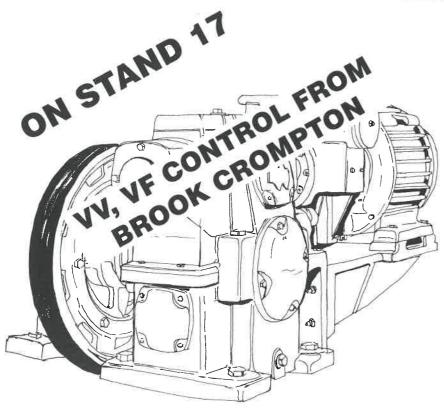




**Power Transmission Engineers** 

# Highfield Gears Ltd





## THE ENHANCED HILIFT

**USER FRIENDLY TECHNOLOGY** 

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## Liftmaterial(GB)Ltd

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#### **GF Lift Hydraulics**

#### SPECIALISTS IN

Supply and Installation of Hydraulic Equipment Refurbishing and Modernising of Hydraulic Lifts including Controllers and Interface Cabinets Repair and Installation of Ancilliary Equipment - Cylinders -Valves - Coolers - Rupture Valves - Hydraulic Oil Consultancy work and site surveys undertaken

In other words

#### A COMPLETE HYDRAULIC LIFT SERVICE

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#### DRUCEGROVE LTD.

Suppliers of

PROGRAMMABLE(SCROLLING) DOT-MATRIX INDICATORS

ELECTRONIC SAFETY EDGES & SIGHT GUARDS

MULTI-WAY ALARM ANNUNCIATOR UNITS

MULTI-WAY INTERCOM UNITS

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HALL-LANTERN ARROWS

**GONGS** 

**PUSH PLATES** 

INDICATOR FACEPLATES

CAR OPERATING PANELS

and ancillary items



Unit 12, Abbey Mead Industrial Park Brooker Road

WALTHAM ABBEY, Essex. EN9 1HU

Tel: 0992-650486 Fax: 0992-652226

#### A thrilling new suspense story



Some like it flat, some like it round – more and more lift manufacturers are getting hung up on Dätwyler's Dynofil lift suspension cable. The flat one's so incredibly flexible, versatile and downright hardworking, while the round one, so experienced and reliable, has helped young

"flatty" make it all the way to the top – of the highest lift shafts in the world. Old hands in the trade say there's a great future ahead for our "flatty" and anyone who's seen Dynofil agrees.





Dätwyler Cables (USA) Inc. 40 West 57th Street-STE 918 New York, N.Y. 10019 USA Telephone 212-956-2820 Fax 212-956-3248 Dätwyler (U.K.) Ltd. Such Close, Works Road Letchworth, Herts SG6 1,F Telephone 0462/482888 Fax 0462/481038 Dätwyler AG Cables and Systems Switzerland, CH-6460 Altdorf Telephone 044/4 11 22 Fax 044/4 18 70



# EXPERIENCE OPTIMUM PERFORMANCE

Thyssen Lift Components 3/4 Lawrence Way Stanhope Road Camberley, Surrey GU15 3DL Telephone: 0276 677117

### STAND 22 - RIGIDIZED METALS LTD. of ENFIELD, ENGLAND.



Gold 10 WGHighlighted Lift.

Specialist producers and suppliers to the Worldwide Lift Industry of Rigidized and one sided patterned steels for:-

- \* Anti vandal claddings
- \* High class decorative claddings
- \* Low cost goods lift claddings
- \* Flooring
- \* Ceilings
- \* Architectural finishes

Full production facilities for:-

- \*Super mirror polishing
- \* Satin polishing
- \* Electropolishing
- \* Customised acid etching and bead blasting
- \* Decoiling

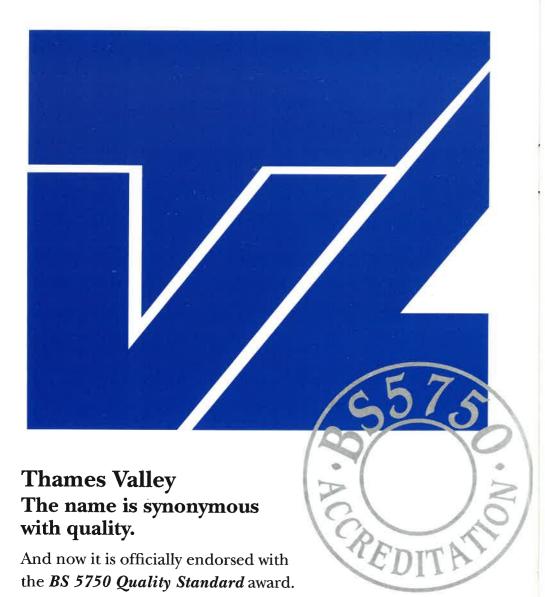
#### WE ARE BS 5750 APPROVED



#### Rigidized Metals Ltd.

Aden Road, Ponders End, Enfield, Middx. EN3 7SU. Tel: 081 804 0633 Fax: 081 804 7275

Telex: 28783



#### TOTAL CONTROL TECHNOLOGY

THAMES VALLEY LIFT COMPANY

Unit 15, Manor Farm Industrial Estate, Flint, Clwyd CH6 5UY, U.K. Tel: (0352) 762521. Fax: (0352) 762919.

THAMES VALLEY COMMUNICATIONS DIVISION

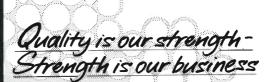
Unit 6, Castle Park Industrial Estate, Flint, Clwyd CH6 5XA, U.K. Tel: (0352) 735291. Fax: (0352) 763867.



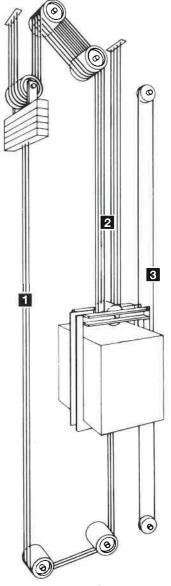
#### BRIDON ELEVATOR ROPES

Bridon Ropes Limited offers a complete range of wire ropes and associated products on a world wide basis to meet your needs.

- Elevator Ropes
- Rope Terminations
- Brilube<sup>®</sup> 40 Service Dressing
- Associated Lifting Equipment
- Compensating Ropes
- 2 Suspension Ropes
- 3 Governor Rope



See us on Stand 20



Bridon Ropes Limited, Carr Hill, Doncaster, South Yorkshire, DN4 8DG, England.
Telephone: (0302) 344010 Fax; (0302) 382263 Telex: 547981

#### SUPPLIERS TO THE INDUSTRY

#### LIFT PACKAGES - GOODS & PASSENGER

**HYDRAULIC UP TO 24 PERSONS** TRACTION UP TO 16 PERSONS

#### **COMPONENTS**

WINDING UNITS HYDRAULIC UNITS

RAMS **GUIDE RAILS** LIFT CARS **SLING PACKAGES CONTROL SYSTEMS** 

DOORS

**SPARES** 

FIELD SERVICES

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#### **UNIQUE AUTOMATIC DOOR** SAFETY CONTROLS FROM **FORMULA SYSTEMS GIVE GREATER FLEXIBILITY OF CHOICE** IN ALL APPLICATIONS

The latest and best in innovative technology ensures even greater control over safety, economy and efficiency. The smallest robust invisible infra-red safety systems anywhere. Compatible with almost every type of automatic door

and so simple to install. THE QUEEN'S AWARD FOR TECHNOLOGICAL **ACHIEVEMENT** 

presented to Formula Systems for their Mansafe and Door Activator systems adds testimony to the reliability, quality and capability of our products.



For further details please contact your nearest stockist or write to

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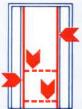
CANADA Delco Industries Ltd., 12202 Old Yale Road Surrey, B.C.V3V 3X5. Tel. (604) 580-2443.

FRANCE Siminor S.A., 31-43 Quai Des Gresillons, 92230 Gennevilliers, Tel: (1) 40.86.40.86. TALY S.E.M.A.G - S.p.A., Via San Carlo 13, 20010 Bareggio, Milano, Tel; (02) 90.360, 112.

SPAIN Mecanismos y Accesorios S.A., Pol. Ind. Navisa, Calle E. No. 2-20, 41006 Sevilla, Tel: 34-5-4630562. U.S.A. Adams Elevator Equipment Co..

5640 Howard Street, Skokie, IL 60077-2684 Tel: 1-708-675-0753, Toll-Free Tel: 1-800-323-0796. GERMANY LM Liftmaterial GmbH & Co Ka. Postfach 1162, D-8011, Pliening-Landsham Tel: (089) 909979-0.

U.K. Drucegrove Ltd., Unit 12, Abbey Mead Industrial Park, Brooker Road, Waltham Abbey, Essex EN9 1HU Tel: 0992-650486



#### MANSAFETYPE

#### **Proximity Infra-Red Safety Edge** plus Dual Photo-Eye

Continuous vertical protection for 125mm in front of car and landing doors plus additional photo-eyes. Essential for fast moving traffic with extra protection for physically handicapped, families, and senior citizens.



#### DOOR ACTIVATOR TYPE Proximity Infra-Red Safety Edge

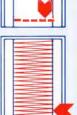
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**Dual Photo-Eye** 



#### SAFESCREEN 47 TYPE FCU 247

#### 47 Beam Infra-Red Safety Screen

Light curtain of zig-zag photo-eyes give extra protection when doors are nearly closed. Essential for shops, hospitals, offices, sheltered accommodation where trolleys, beds, prams and frames are used and the doors are kept fully open.



#### **SAFESCREEN 47 PLUS**

47 Beam Infra-Red Safety TYPE FCU 250 Screen plus 3 Photo-Eyes

Features as the Safescreen 47. Plus 3 photo-eyes able to monitor traffic or act as a separate protection system. Essential for shops, hospitals, offices, stores and sheltered accommodation where extra protection of 2 systems is needed.



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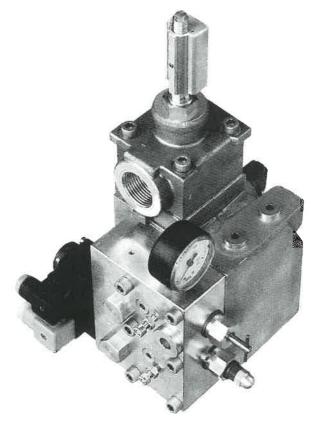
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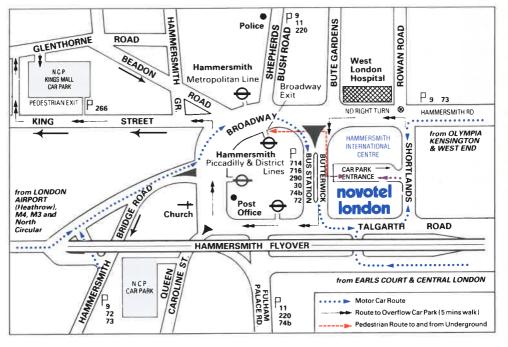
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