

# '89 SKILL OLYMPICS

## '89 SKILL OLYMPICS

The greatest ever  
test of work skills

to 31 August  
in Birmingham



# HARCROS

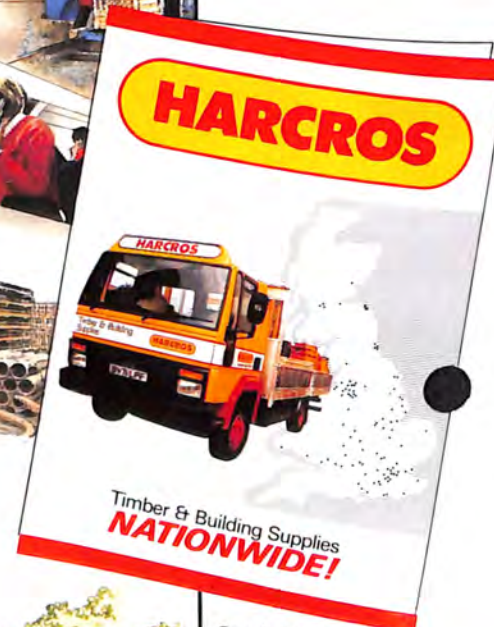
## Timber & Building Supplies

Harcros, who are the material part of so many builders' plans, could easily be part of yours!

We have around 140 depots throughout the country servicing the needs of large and small builders, self-build groups and home improvers alike.



For full details of the Harcros Nationwide network call our Regional Offices below or call into your local Harcros depot and pick up a leaflet!



**South East Region**  
Tel: 01-337 6666  
**Western Region**  
Tel: (0722) 411711  
**Eastern Region**  
Tel: (0472) 350661  
**North West Region**  
Tel: 061-764 6011  
**Scottish Region**  
Tel: (0506) 822816



**INTERNATIONAL YOUTH SKILL OLYMPICS '89**  
Patron: HRH The Prince Philip, Duke of Edinburgh, KG, KT.  
President: Sir John Egan,  
Chairman and Chief Executive, Jaguar plc.



THE



HOME

Harcros have supplied the full range of timber, building materials, kitchen units and joinery products used by David Herring Homes Limited for the Medallion 2000 Show House.

# '89 SKILL OLYMPICS

## CONTENTS

When the world's industrialists watch 420 young people representing 21 nations at the '89 Skill Olympics they will see how well each country trains its workers. The teams which win the most competitions will demonstrate their homeland's commitment to the future of industry. Who knows what investment a clutch of gold medals could encourage just three years before Europe becomes one market?

Entrance to the '89 Skill Olympics at the National Exhibition Centre, Birmingham, is free. Competitions run from 09.30 to 17.00 on 28 August, 08.30 to 17.30 on 29 and 30 August and 08.30 to 11.30 on 31 August. Everyone — people from industry, school children, students parents and families — is welcome.

### WELCOME TO THE THIRTIETH OLYMPIAD

World leaders and training experts welcome visitors, contestants and delegates to the '89 Skill Olympics 4

### TOUGH TESTS PUT EVERYONE ON TRIAL

It's not just the young who are on test. Teachers, employers and national attitudes to industry are under scrutiny too 7

### MEET THE OLYMPIANS

The competitors, who trained hard to represent their countries, are among the finest examples of their nation's youth 9

### SELECT AND ORGANISE

Volunteers all over the world run the Skill Olympics. They help to select competitors and see them safely through the contest 15

### TRAIN, LEAD AND COACH

Once competing nations have chosen their entrants, the youngsters must train to perfection and work as teams 17

### 70 TRANSLATORS TELL ALL

Setting the tests is almost as difficult as taking part and marking them. Then there is the task of translation 19

### 'THE BEST TIME OF MY LIFE'

Winners take home more than medals from this tough event 21

### MEDAL TABLES

Follow the teams 22



**INTERNATIONAL YOUTH SKILL OLYMPICS '89**

#### HOW TO GET THERE

By car M6 leave by junction 4. A45 from London or Coventry. There is plenty of parking.

By rail Piazza of the NEC links directly with Birmingham International Station. Services from London Euston, Coventry and Birmingham New Street.

By air The Maglev passenger shuttle links Birmingham International Airport with the NEC.

Building Today, the news and technical magazine for quality builders, is glad to promote the '89 Skill Olympics with this souvenir brochure on which we make no profit.

Written by **Barbara Drillsma.**

Photography **Pete Addis.**

Design **Di Hand.**

Conceived and edited by **John Bell.**

Publisher **Ken Hughes.**

Typeset by Quickset. Printed by Thamesmouth Printing Group Plc, Basildon, Essex. With special thanks to the organisers of the '89 Skill Olympics and the staff at Bircham Newton.

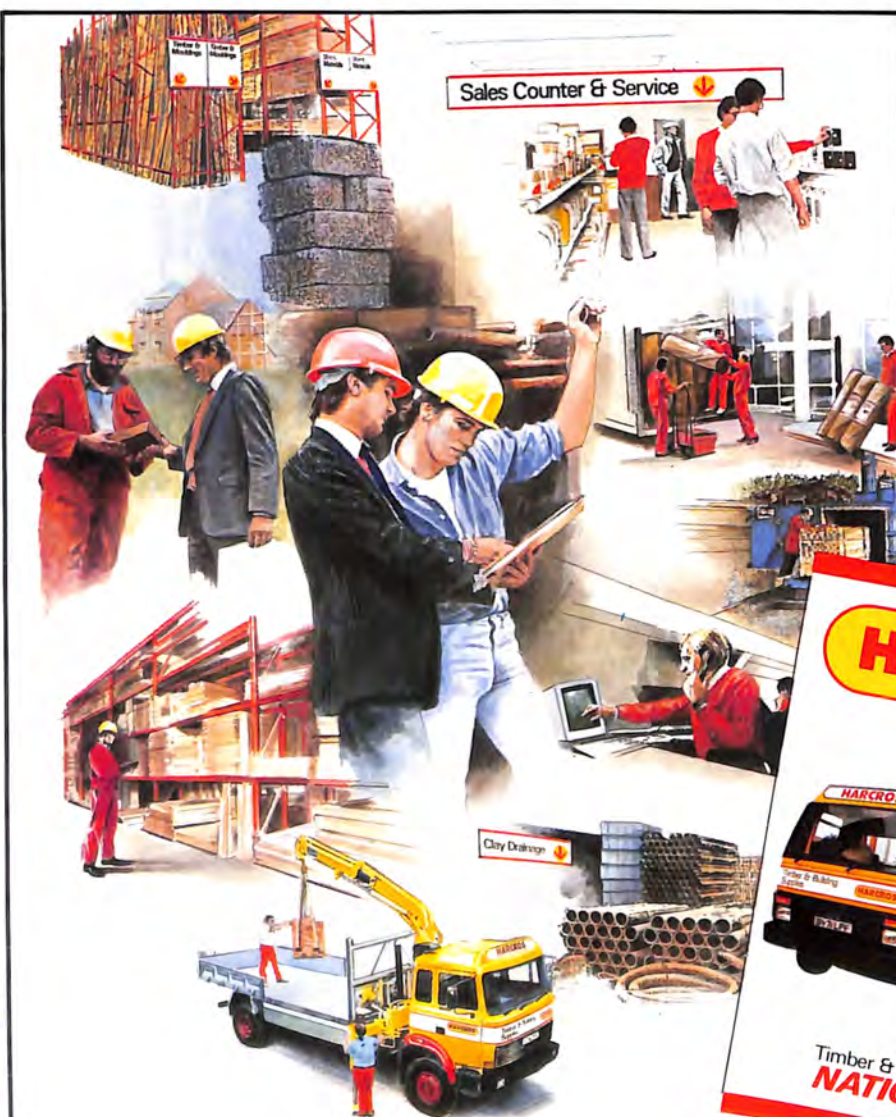
© Building Today 1989. Building Today is part of the Building Today Group of International Thomson Business Publishing, 100 Avenue Road, Swiss Cottage, London NW3 3TP.

# HARCROS

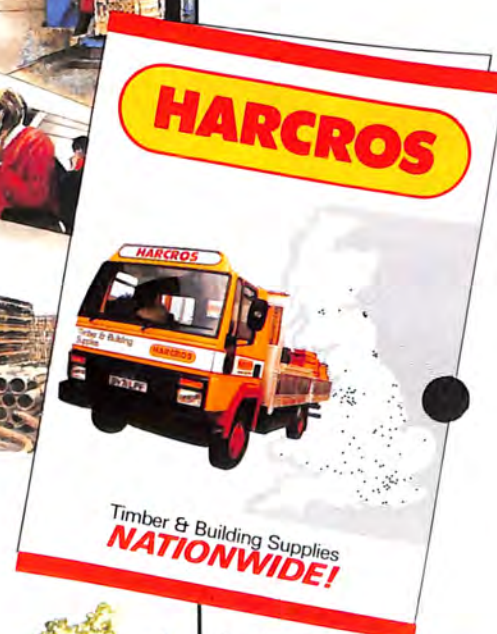
## Timber & Building Supplies

Harcros, who are the material part of so many builders' plans, could easily be part of yours!

We have around 140 depots throughout the country servicing the needs of large and small builders, self-build groups and home improvers alike.



For full details of the Harcros Nationwide network call our Regional Offices below or call into your local Harcros depot and pick up a leaflet!



**South East Region**  
Tel: 01-337 6666  
**Western Region**  
Tel: (0722) 411711  
**Eastern Region**  
Tel: (0472) 350661  
**North West Region**  
Tel: 061-764 6011  
**Scottish Region**  
Tel: (0506) 822816

**INTERNATIONAL YOUTH SKILL OLYMPICS '89**  
Patron: HRH The Prince Philip,  
Duke of Edinburgh, KG, KT.  
President: Sir John Egan,  
Chairman and Chief Executive, Jaguar plc.



THE

**MEDALLION  
2000  
AWARD**

HOME

Harcros have supplied the full range of timber, building materials, kitchen units and joinery products used by David Herring Homes Limited for the Medallion 2000 Show House.

## '89 SKILL OLYMPICS CONTENTS

When the world's industrialists watch 420 young people representing 21 nations at the '89 Skill Olympics they will see how well each country trains its workers. The teams which win the most competitions will demonstrate their homeland's commitment to the future of industry. Who knows what investment a clutch of gold medals could encourage just three years before Europe becomes one market?

Entrance to the '89 Skill Olympics at the National Exhibition Centre, Birmingham, is free. Competitions run from 09.30 to 17.00 on 28 August, 08.30 to 17.30 on 29 and 30 August and 08.30 to 11.30 on 31 August. Everyone — people from industry, school children, students parents and families — is welcome.

### WELCOME TO THE THIRTIETH OLYMPIAD

World leaders and training experts welcome visitors, contestants and delegates to the '89 Skill Olympics 4

### TOUGH TESTS PUT EVERYONE ON TRIAL

It's not just the young who are on test. Teachers, employers and national attitudes to industry are under scrutiny too 7

### MEET THE OLYMPIANS

The competitors, who trained hard to represent their countries, are among the finest examples of their nation's youth 9

### SELECT AND ORGANISE

Volunteers all over the world run the Skill Olympics. They help to select competitors and see them safely through the contest 15

### TRAIN, LEAD AND COACH

Once competing nations have chosen their entrants, the youngsters must train to perfection and work as teams 17

### 70 TRANSLATORS TELL ALL

Setting the tests is almost as difficult as taking part and marking them. Then there is the task of translation 19

### 'THE BEST TIME OF MY LIFE'

Winners take home more than medals from this tough event 21

### MEDAL TABLES

Follow the teams 22



**INTERNATIONAL YOUTH SKILL OLYMPICS '89**

#### HOW TO GET THERE

**By car** M6 leave by junction 4. A45 from London or Coventry. There is plenty of parking.

**By rail** Piazza of the NEC links directly with Birmingham International Station. Services from London Euston, Coventry and Birmingham New Street.

**By air** The Maglev passenger shuttle links Birmingham International Airport with the NEC.

Building Today, the news and technical magazine for quality builders, is glad to promote the '89 Skill Olympics with this souvenir brochure on which we make no profit.

Written by Barbara Drillsma.  
Photography Pete Addis.

Design Di Hand.  
Conceived and edited by John Bell.  
Publisher Ken Hughes.

Typeset by Quickset. Printed by Thamesmouth Printing Group Plc, Basildon, Essex. With special thanks to the organisers of the '89 Skill Olympics and the staff at Bircham Newton.  
© Building Today 1989. Building Today is part of the Building Today Group of International Thomson Business Publishing, 100 Avenue Road, Swiss Cottage, London NW3 3TP.

# '89 SKILL OLYMPICS

## WELCOME TO THE 30th OLYMPIAD

Above all, these Olympics are a competition between young professionals from nations with a culture and tradition of craftsmanship. They will make an international public realise that industrial crafts are alive, indispensable and synonymous with quality and adaptability.

François Dubin, minister for craft and industry, France

One thing more important than participating and winning at the Skill Olympics is that our students and people in vocational training have an opportunity to see beyond our borders. We hope to welcome everyone to Amsterdam in 1991 when the Netherlands hosts the next Skill Olympics.

J.L.M. Koekoek, president, Foundation for Vocational Training in the Building Industry, Netherlands

We hope the competition will forge friendships among nations which share a common wish for technological advance to build a better world.

Arivaldo Silveira Fontes, director general, Senai (National Service for Industrial Training), Brazil

The very best of luck to everyone involved in the International Skill Olympics — competitors and organisers alike. Technical excellence is vital to economic success, and the Olympics provide a superb competitive arena where the world's best technical and craft trainees can hone their skills.

Naturally I hope for a good performance from the British team that did so well in Sydney last year. Achievements like theirs make us all proud that the quality of British workmanship across a wide range of industries — not least in the building trades — is still so high. But I warmly welcome *all* the guests from around the world who will be at the National Exhibition Centre for this splendid international occasion.

Margaret Thatcher, Prime Minister, United Kingdom

The Construction Industry Training Board is glad to have helped the United Kingdom's young craftsmen and women with extra tuition for this event.

We know that the quality of overseas competitors is very high and the Board has welcomed the opportunity to contribute to what I am sure will be one of the most exciting Skill Olympics ever.

Derek Gault, chairman, Construction Industry Training Board, United Kingdom

Thirty Skill Olympics and their associated activities have ensured the widespread dissemination of new knowledge and new skills, thus contributing in a significant way to economic and social progress in developing countries.

They have continued to display what is possible through high standards of education, training and human endeavour and so set targets in the fields of technical education for our young people.

Mary O'Rourke, minister for education, Republic of Ireland

There is an old Chinese saying "It is better to learn a trade than to possess a large fortune". Your achievement tells the young generation that there is no short cut to success. Everyone must work for it and every one must train for it. I recommend that you don't care too much about prizes at Birmingham. You came here to make friends and share your skills as well as for the competition.

Chen Chung-sheng, director general, Employment and Vocational Training Association, republic of China

Birmingham, with its industrial traditions, reflects the changes occurring in the world of work by its development into a centre of modern services and communications. The Skill Olympics increasingly take account of these changes.

Dr Schoser, executive director, Association of German Chambers of Industry and Commerce

Dr Kubler, secretary general, German National Chamber of Crafts

## Free specialist advice from CITB advisers to meet your training needs

### Youth Training

#### Do you know

The CITB runs the largest YTS programme in the country, with nearly 40,000 trainees. Over 90 per cent of young people on the scheme find a job. Since 1983, over 90,000 young people have been trained in construction skills.



Need an immediate solution to a problem?

#### Do you know

CITB produces many publications and training aids which can provide an answer to a training need straightaway? Please ask for a free catalogue.



### Training means taking time off from work

#### Do you know

That the CITB have developed a wide range of open learning materials for the construction industry including:-

- Site Management Certificate and Diploma (in conjunction with the CIOB)
- 'A Site Better Off' - enhancing organisation and profitability for small firms\*
- 'A Site More Safe' - improving safety on site\* (\*in partnership with the Open College)
- Directory of Open Learning in Construction - a comprehensive list of other materials by subject

Managers can learn in their own time, at their own pace and still continue working.



### BE IN THE KNOW!

Let our Training Adviser show you how CITB meets local training needs economically, flexibly and conveniently.

CITB Marketing Services  
Bircham Newton, King's Lynn,  
Norfolk. PE31 6RH  
Tel: 0553 776677

**CITB**  
CONSTRUCTION  
INDUSTRY TRAINING BOARD

### Would you like to learn how to improve your business opportunities?

#### Do you know

The CITB organises Management Appreciation courses for small and very small construction firms, covering how to identify the type of work the firm can handle most profitably, how to carry out the work efficiently and how to obtain payment for work done?



### Would you like help with a safety matter?

#### Do you know

The CITB have a wide range of safety courses and materials.

- Site Management Safety Training Scheme, held at local venues
- Thirteen different Tape/Slide and Video Safety Training Aids
- Construction Site Safety Course
- Saw Site Safety Handbook
- Safety in the Use of Woodworking Machines handbook
- The Directory of Safety Training (available from your local CITB office)



UCATT



WELCOMES VISITORS TO THE  
SKILL OLYMPICS AND  
INVITES THEM TO JOIN US IN  
OUR CAMPAIGN TO EXTEND  
PROPER SKILLS TRAINING,  
DECENT PAY AND SECURE  
EMPLOYMENT TO ALL  
CONSTRUCTION TRAINEES.

General Secretary:  
A. Williams

Chairman:  
G. Brumwell

UNION OF CONSTRUCTION  
ALLIED TRADES AND TECHNICIANS,  
UCATT House, 177 Abbeville Rd.,  
London, SW4 9RL.  
Tel: 622 2442

## Set and Forget..



..... High Temperature Electrode Drying Ovens

The exclusive 'Set and Forget' features, 0 - 499°C Electronic Temperature Control with Digital Readout and Auto-Timer with Chart Recorder option, are a direct result of constant contact with Industrial Specifiers.

Simple, accurate programming lets your operators repeat drying functions automatically.

ALSO available - Storage and Portable drying Ovens, and Heated Quivers.



Illustrated Brochures available from:-  
**Hailey (Welding Products) Ltd**  
3-4 Shirehill Industrial Estate,  
Saffron Walden,  
Essex  
CB11 3AQ  
Tel: (0799) 513885. Fax: (0799) 513889.

## '89 SKILL OLYMPICS

# TOUGH TESTS PUT EVERYONE ON TRIAL

### Skill Olympics test national attitudes towards training as well as employers, trainers and the young

The world's largest workshop of excellence. That's what Birmingham's National Exhibition Centre will become as the thirtieth anniversary Skill Olympics opens on August Bank Holiday Monday. It's the first time England has hosted the event, the largest in the history of the competition. More than 400 competitors from 21 nations will pour into Birmingham, accompanied by official delegations, friends and supporters.

The atmosphere will be electric. Intense competition and training has won each participant a place at the pinnacle of achievement for young people trained in occupational skills. In addition to encouraging standards of excellence, the Skill Olympics provides a competitive arena to compare international techniques and training. It also encourages an important international spirit amongst the young competitors and shows the value and importance of first class training.

Young people from across the world, none older than 23 years and most of them apprentices, will battle for medals across a range of occupational skills at world class levels. The world's media will focus on the contestants, each of whom knows how important and what an honour it is to represent their country. The first Skill Olympics was held in Spain in 1950 between Spain and Portugal. The United Kingdom joined in three years later and 21 countries now take part.

This year's competition at Birmingham is the first held in England. Scotland was the host in 1965 when the Olympics was staged in Glasgow. Thirty four skills will be tested the year. They range through construction, manufacturing and service skills. The modest hope of the team from the United Kingdom is to carry off 15 medals; everyone agrees that the Koreans, Taiwanese and

Japanese are the fiercest opponents. Since 1953, United Kingdom teams have carried off 226 medals. Last year, in the contest held in Australia as part of the Australian bicentennial celebrations, the British took fourth place with ten medals behind Korea (21) Taiwan (19) and Australia (12). Japan was in fifth place with nine medals.

In addition to attracting media coverage, the '89 Skill Olympics will bring employers and the Captains of Industry to Birmingham. Where else can the best of the world's youth be seen demonstrating their skills and where else can tradesmen and craftsmen see the standard of their counterparts overseas? With the forthcoming breakdown of international boundaries and barriers across Europe, workers will be competing for contracts - and trained staff - across the globe. This year's Skill Olympics guarantees to give visitors a clear picture of what their foreign competitors offer customers.

The eyes of the world will also take note of the firms the competitors work for and the hundreds of companies that have contributed cash, tools and machinery towards the £4 million the '89 Skill Olympics has cost to stage.

Scene, souvenir and reports from last year's contest in Australia



# WAKE UP AND GO!

Wake up and go places with West Midlands Travel.

1½ million people rely on us to take them where they're going every day of the week - to work, to school, to the shops, to enjoy themselves and safely home again. Our buses - double deckers, single deckers, Timesavers and minibuses cover 220,000 miles every day, making travelling easier for everyone, making travelling easier for you.

For more information call us on:  
021-236 8313



**West Midlands Travel**

MILES MORE TO WAKE UP TO. —

Britain's foremost  
skilled Union  
sends best wishes  
to the  
British Team.



Eric Hammond  
General Secretary

Paul Gallagher  
President

Bill Gannon  
Plumbing National Secretary

## Quality & Value...



Custom-made folding luxury stairway in superb mahogany represents all that's best in British craftsmanship. Special dual hydraulic pistons guarantee easy folding almost at a touch. Crescourt Stairways are available in ultra modern designs or traditional classic for that look of real luxury.



... that's Crescourt's  
stairways, spindles & staircases



Spindles and stairparts from Burbidge are also available from Crescourt and these two names represent the finest quality available today. For further details of Crescourt's Stairways, Staircases and Stairparts complete the coupon or telephone us today.



CRESCOURT  
LOFT CONVERSIONS

Visit our Showroom at 324, Garrets Lane,  
London SW18 and at West Bromwich.

Send today for **FREE** Colour Brochure

To Crescourt Loft Conversions Ltd, Freeport,  
Roebuck Lane, West Bromwich, West Midlands, B70 6QR. Tel: 021-553 4131.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

TEL. NO. \_\_\_\_\_

## '89 SKILL OLYMPICS

## MEET THE OLYMPIANS

Here are a few of the  
hopefuls in this year's  
contest. Every entrant has  
trained hard at their skills  
to earn the right to  
represent their homeland



Bricklayer, Stephen Bayles who is 20, is another fine example of British youth wanting to get on. When he finished his apprenticeship at A.F. Knights in Debenham, Suffolk, he started a business with a friend. "There are lots of alterations and extensions going on in my part of the world," he says. "I seem to be working all the time — even weekends."

Stephen has made time to practice previous test pieces at Suffolk College of Technology

"I'm so busy that there's no time to take a real break," he says but does manage to play a little football and swim when he can drag himself away.

"I've decided my stay in Birmingham is my holiday this year but I'm not underestimating the contest, I'm just going in there to win."



Bricklayer Chen Wei-tsun, age 21, represents the Republic of China



Plumber Darren Burford, aged 21 from South London, has had one busy year. He finished his apprenticeship with Rosser & Rosser, was promoted within the company and has just married Karen Cornelius. They spent their honeymoon in Barbados and returned for just two days before Darren joined his team-mates for their training session in Norfolk. He is continuing studies at the North East Surrey College of Technology, aiming for a Higher National Certificate in Building Services. "I'm feeling pretty confident for the

final," said Darren. "I've had every chance and encouragement from work to train and enter various competitions and I'm now familiar with the sort of test pieces we should be set, the tools and materials." Darren sees his future staying with a big company like Rosser & Rosser, a decision which pleases the firm's plumbing manager, Dennis Sully. "It's a sad sign of the times that many lads coming out of school don't want to get their hands dirty and work at becoming qualified for a trade. Darren's different. He's an intelligent, ambitious youngster and he'll go far," says Dennis.



Simon Watson works for H.A. O'Neill in Dublin



Bernd Hegemann is a plumber from Hamburg, West Germany

## HAIR & BEAUTY SUPPLIES

SPONSORS OF THE SKILL OLYMPICS HAIR DRESSING SECTION

WE ARE THE LARGEST UK SUPPLIER OF HAIR AND BEAUTY PRODUCTS TO:

•Salons •Colleges •Schools

### WE CAN OFFER YOU

- Professional products at low prices
- Furniture and fittings with Free Salon Design Service
- Free Delivery
- New and exclusive products from America

WE EXPORT WORLDWIDE

### THE Ogee TRAINING SYSTEM BY PAT SPIRES

- Basic cutting programme manual with colour photographs
- VHS video
- Head forms, slip-ons, clamps, steering wheel holders, training heads available for the system.



SUITABLE FOR USE WITH THE NATIONAL  
PREFERRED SCHEME

BRANCHES THROUGHOUT THE UK

FREE PHONE

0800 525 118

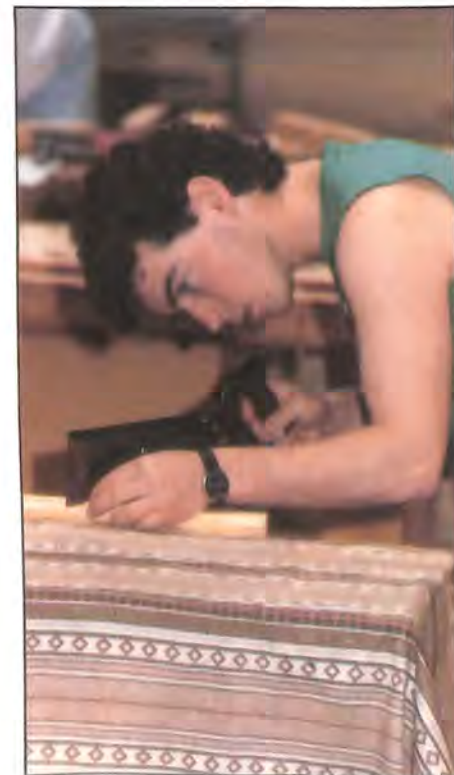
Ogee  
LIMITED  
Your Partner for Profit

# '89 SKILL OLYMPICS



**C**hristopher Mawdsley, Britain's 20-year-old hope for a gold medal in joinery, is going to keep a careful eye on the Koreans. But, according to his boss at British Nuclear Fuels in Preston, Christopher shouldn't worry. "He's a truly brilliant craftsman," says building manager, Chris Thomas. "It's magic to watch what floats through his hands and see how perfectly it comes out."

Christopher works on general maintenance works, mainly on hardwood products. He's been studying at W.R. Tuson College in Preston and has been given time and materials by his company to prepare him for the '89 Skill Olympics. So keen is Christopher that he cancelled a holiday in Malta to join the team on their training session in Norfolk but has had a little time to play the trombone with the Lancashire Big Band and Northern Jazz Orchestra.



Joiner Anthony Burchill won silver for the Republic of Ireland in 1988

**O**ne competitor who shouldn't experience any difficulty in getting to the National Exhibition Centre on time is Alan Murphy, a 21-year-old competing in commercial-wiring. He lives just 10 minutes away. "I'm thrilled at taking part and just can't wait to get stuck in," he says. "It should be an advantage being on home ground and being familiar with all the materials and specifications so I'm just hoping I can beat the Koreans — they're the ones to watch, they've been training solidly for two years to win medals." Alan works for How Engineering Services in Birmingham and finished his apprenticeship last year. "The company's been great, behind me all the way." He's also delighted with the help and advice given to him by Clive Marshall from the Construction Industry Training Board, who is in charge of electrical pre-competition training. He has been going over past papers, plans and drawings with Alan. Now a qualified electrical design engineer, Alan is studying for a Higher National Certificate in building services at the Matthew Bolton College in Birmingham. He's a keen ice-skater and plays ice hockey for the Solihull Vikings.



**P**aul Magorrian from Downpatrick, County Down, Northern Ireland, has an extra special reason for being pleased with his place in the Skill Olympics. Paul, who represents the United Kingdom in carpentry, is the first contestant from Northern Ireland ever to take part in the international event. "I'm pretty proud about the whole thing," says Paul. "I just hope I take home a medal." Paul was encouraged to get into the building trade by his uncles and was fortunate to find an employer, Chris Brown of Dundrum, who encourages his lads to train and take every opportunity offered by the Northern Ireland Construction Training Board. Under the supervision of principal, John Hill, Paul has been spending his holidays training up for the contest but hopes to go off to Australia in a month or two. "I'm young, free and single with a good trade and I want to travel," says the enterprising 19-year-old.



Carpenter Yang Ming-cheng, 19, Republic of China

# '89 SKILL OLYMPICS

**D**arren Blakemore, a high-class electrical welder, finished his apprenticeship with Babcock Construction a year ago but he has still been training at various companies getting ready for the Olympics. This 21-year-old spent a month at BOC, which makes welding gases, in Edmonton and has been perfecting his welding ready for the big day. His work is mainly based on jig welding at all the large nuclear power sites — Sizewell and Sellafield — and there's few that can surpass the finish on his welds of stainless steel pipework. He's thrilled to be representing his country and is going all out to win. "I'm going to do my best but I'm wary of the Japanese, Taiwanese and Koreans," he said. "They're under a lot of pressure to succeed and spend years training." To escape any pressure he may face, Darren plays golf, snooker and the somewhat unrelaxing pastime of motor-cross rallying.



Electric welder Eduardo da Cruz, 21 and competes for Brazil

**S**haun Greaves, the industrial wiring expert is looking forward to the end of the contest because he's flying off for a month's holiday in the United States, visiting Hawaii and Florida. One thing he'd love to pack in his suitcase is a gold medal! Sean is a great traveller, he's toured the country working mainly on breweries for his company W.T. Parker of Burton Upon Trent and even his boss, Electrical Contract Engineer, Mike Ford, says he's destined to go far. "Shaun is brilliant at his job," he says. "He puts a lot of effort into everything he does, he's very academic and his versatility is amazing." Shaun, now 21, finished his apprenticeship more than a year ago and has been busy working on various sites and contracts since. As for his future, Shaun wants to carry on training at Burton Technical College.



**P**ainter and decorator, Jason Yates, aged 21, of Stoke on Trent works at his trade with the city's works department, re-decorating offices, council houses and other buildings. "What I'd really like to do is get a teacher's certificate and lecture in painting and decorating," he says. Jason has been training for the '89 Skill Olympics at Cauldron College of Further and Higher Education in Shelton. He's been busy practising wall-papering, artexing and sign-writing and is pretty confident of his chance of carrying off a medal. He enjoys sign-writing but that's about the limit of his artistic talents. "When I have time off I play a bit of squash and weight-train but nothing too serious, I'm no fitness freak."



West German Thomas Bergmüller is a painter and decorator

**R**ichard McCrone, who is 20, the United Kingdom's stonemason representative is a young man who makes maximum use of his time. His hobbies include cycling and tennis and he competed in this year's London to Brighton cycling race. He works for the family stonemasonry business in Northants and has been encouraged by his father to train and gain qualifications. "I'm doing my City & Guilds certificate in advanced craft at Bath College of Further Education," he told us. "The same college where I've just spent two weeks intensive training to get ready for the Skill Olympics." Richard enjoys his work, particularly restoring old buildings. He does a lot with natural Ketton stone (limestone) with which he builds up tracery windows, the old ornamental Church windows. He also likes it to carve and for letter-cutting or inscriptions.



**I**t's surprising that 20-year-old Robert Davison of Derby, has time to compete in wood patternmaking at the Olympics. He's a keen outdoors type who regularly goes caving, canoeing, fell-walking and climbing as well as being a venture scout and club leader! Robert works mainly on foundry castings which end up in car engines at Sadlergate Pattern Company in Heanor. He's a three times winner of the East Midlands Pattern-Making Competition and believes it is a real honour to represent his country at Birmingham. To get into shape for the final, Robert has toured England looking at different foundry practices and has had plenty of encouragement at home from his father Cliff and two brothers — all of whom are in the same business.

# '89 SKILL OLYMPICS

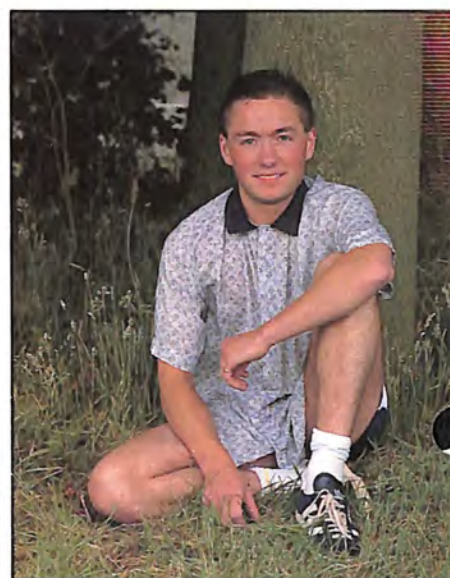


Heinrich Folle, West Germany's construction steelworker

**D**avid Bradshaw, aged 19, is determined to carry off a medal in construction steelwork. He's just finished his apprenticeship with Caunce Brothers in Ormskirk and has been training both on site and at Horwich Technical College in Bolton. He works as a steel plater on fabricated buildings such as tower blocks and superstores but wants to go further. "I want to take my Ordinary National Certificate and wouldn't mind having my own business one day," he says. "My immediate aim though is to get more qualifications and get some work experience in a drawing office."



Les Compagnons du Devoir trained the French team



**C**abinet maker Richard Mason is one of the Olympics' youngest competitors. He's just turned 19 and was put forward for the preliminaries by his boss Derek Gape of Skipton. Richard works on a variety of jobs from huge pieces of furniture down to the tiniest specimen boxes for butterflies. "I enjoy the furniture side of the business best although I work across the whole range from basic joinery to specialist orders, working from detailed plans," he explains. Richard has been training up for the finals at Keighley Technical College and promises he's going all out to win. A keen footballer who plays in a local league in Keighley, Yorkshire, he has just returned from a holiday in Corfu.



Nigel Henderson, cabinet maker with Emerald Isle Yachts in Dublin

# '89 SKILL OLYMPICS

*As the preparation for Skill Olympics gets underway each competing nation appoints technical experts for each skill they are entering. These experts have the responsibility of selecting entrants and assist in their training programmes. Although not all, the majority of these experts travel with their team to the final and from the vast pool of experts a team of judges is appointed, again across the board from all nations, to judge each skill at the final.*

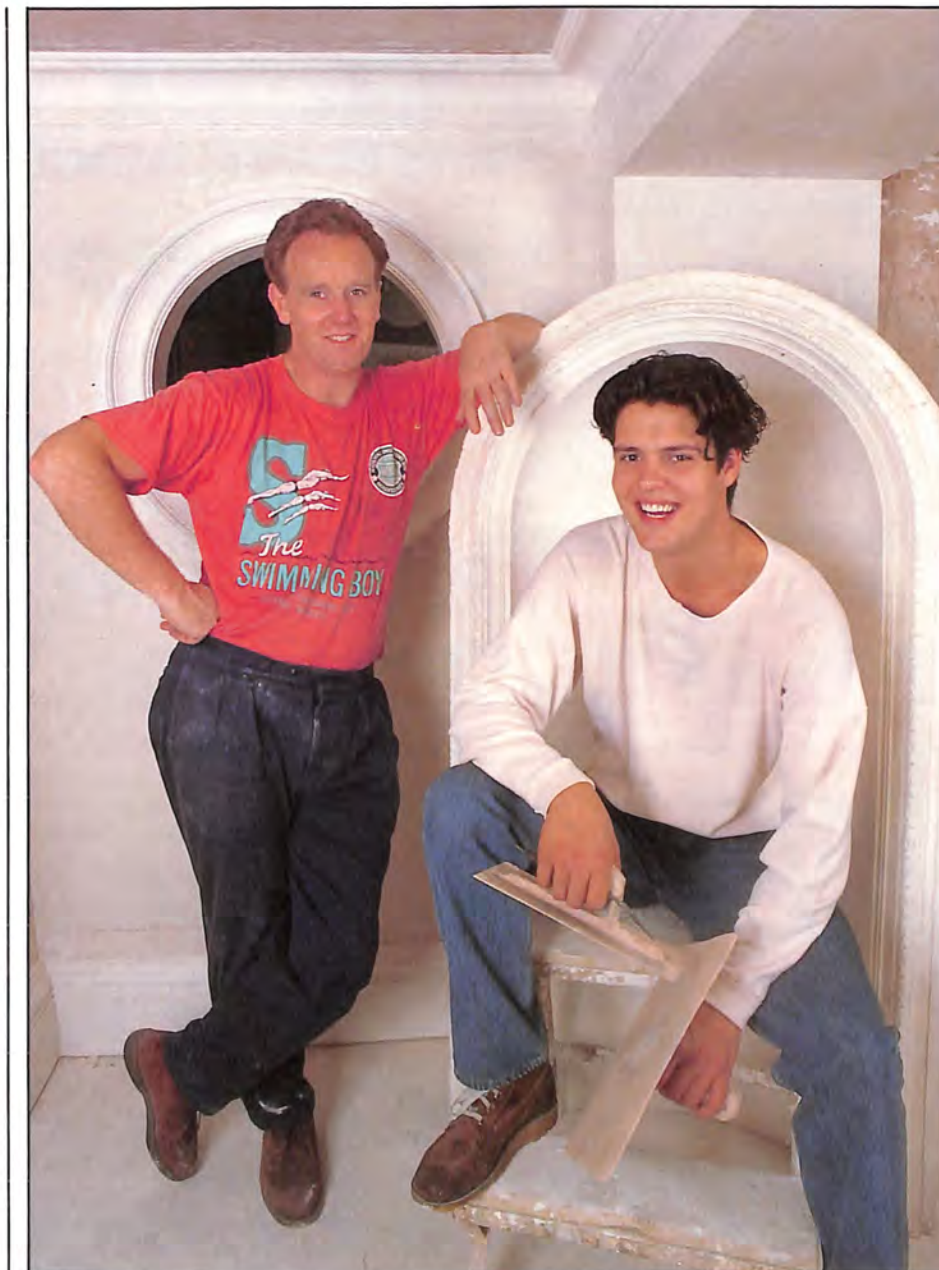
**O**ur unofficial public relations person," that's how gas welder Simon Thurston's boss at Drake and Scull in Manchester describes him. "He's a fine advert for our young apprentices and for the company," says labour manager Steve Comley. Simon is 20. He describes gas welding as "a dying art". "As in many skills, machines are taking over but there's always a place for a manual worker," he says. He has been doing his apprenticeship and Olympics training at Openshaw Technical College and getting plenty of on-site experience, mostly recently on a giant Tesco Superstore up in Liverpool.



Robson Freire, the gas welder from Brazil



Chou Yi-wen, 19, gas welder for the Republic of China



**N**ineteen-year-old Alexander Aitken, the plasterwork finalist (right) is one of the youngest competitors in the contest. Peter Hillman (left), the senior lecturer in plastering at Vauxhall College, describes Alexander as one of the most enthusiastic and talented youngsters he has come across. "Plasterwork is a real skill. I reckon it's a real handcraft, calling for special skill. Plaster being the material it is, has to be mixed with water and worked — technology can never take away that basic fact," he says. "Alexander recognises this and his work is truly

excellent." Alexander comes from a family with strong ties to the building trade. He has four brothers in the business, two of whom work in Canada. "When I finish my apprenticeship I might have a go at sub-contracting then I'd like to go out to Canada and see what the work is like there," he says. Although his teachers reckon he is pretty artistic in his work Alexander doesn't describe himself as "arty." "I do sculpt a little and I enjoy doing fireplaces and mouldings but I can't paint!"

# THE WINNING COMBINATION

**'KUTERLITE'**  
compression fittings

and

**'ENDEX'**  
end feed fittings



**FOR THE PLUMBING  
DISCIPLINE**

*Sponsored By*



A subsidiary of IMI plc.

**IMI**



The  
Interbuild  
Fund

The Interbuild Fund is delighted to have supported the International Youth Skill Olympics 89 and congratulates its organisers.

The Interbuild Fund makes grants for the benefit of the UK construction industry.

Further information - Interbuild Fund 11 Manchester Square London W1M 5AB

Tel: 01-486 1951/487 5831

or at Interbuild 89 from 26 November - 2 December at the National Exhibition Centre Birmingham

The Interbuild Fund - helping the industry to help itself



## SELECT AND ORGANISE



Frank Wilson: "Contestants need individual training programmes"

Most of the nine competitors in the main construction skills — bricklaying, plastering, painting and decorating, stonemasonry, carpentry, joinery, plumbing, constructional steelwork and cabinet making — gained their places in the '89 Skill Olympics after battling it out with 90 other competitors at the Skill Build finals held in March at Sheffield's Parkwood College.

Skill Build is the elimination contest organised by the competition arm of the National Joint Council of the Building Industry. Their work during that contest was closely scrutinised by experts anxious to pick up on any weaknesses which could be strengthened for the Skill Olympics.

Frank Wilson, chairman of the United Kingdom's construction panel and the joinery trade expert, believes the lads stand a good chance of carrying off medals by sheer enthusiasm. He admits each had areas in their work which could be improved upon. With this in mind, each competitor received a specially drawn-up training programme which was carried out both at work and at local technical colleges. Christopher Mawdsley, for example, the British representative in the joinery skills needed more training on drawing. His company, British Nuclear Fuels, moved him for an intensive spell in their drawing office, supplemented by college training. Plumber finalist, Darren Burford from London received site training from his company, Rosser & Rosser, as well as attending specialised training sessions at the North East Surrey College of Technology. Bricklayer, Stephen Bayles, has been

working through past test pieces from previous Skill Olympics finals under the supervision of staff at Suffolk College.

"All our lads are excellent and the standard of their work is high," says Frank Wilson. "But we mustn't forget that the standard of the other competitors is also of the highest calibre. In fact the standard of skills world-wide is rising rapidly — an encouraging sign for the industry."



Bill and Eileen Norris: two of the volunteers from all over the world who keep the Skill Olympics alive

Although she is officially part-time secretary to her husband, Bill Norris, Skill UK's director, Eileen Norris has become agony aunt, unofficial grand-mother and general dogsbody since she first joined the organisation back in 1974. "My boys had grown up and I'd just finished a secretarial refresher course when Bill came home and said he'd been asked to join another committee but he could only do it if I agreed to help as well," said Eileen. Since then she has tackled mounds of correspondence, travelled to competitions overseas and made scores of friends. She recalls one competition, in Korea, where the plasterer, David Walford (who carried off a gold medal) was so keen not to crease his new suit that he carried it to Korea on his measuring stick. "We had to change airports at Paris but David proudly carried his suit on the pole, determined it wouldn't get ruined by being crushed in his case," recalls Eileen.

At one time Eileen was responsible for buying all the team's uniforms. She would measure everybody and go to Burtons and buy a couple of dozen suits. Then it was off to Marks & Spencer for

the shirts. "Now, thankfully, sponsors see to that side of the business." However, a sewing kit is still packed in Eileen's luggage along with a first aid box and various goodies.

"When we went to Japan in 1985, for instance, I loaded up my bags with Mars bars. After a few days of strange food the team start craving for something British so I was able to sustain them by handing out the Mars bars."

Although Eileen's role in Skill Olympics is meant to be part-time, she often burns the midnight oil, especially as competition time gets nearer. "Yes we do work hard and we do get tired but we really enjoy the work so we'll keep going for a little while longer," says Eileen.

For Bill Norris, Skill Olympic's director, the training opportunities generated by the contest are its most thrilling and rewarding aspect.

"I'm always delighted to see how young people respond to their own training programmes and to see what they get out of watching other teams from different countries competing and working," he said.

"Take the Taiwanese for example. They lead the world in electronics and for our lads to have the opportunity to work alongside them and to note their approach and techniques is a great opportunity."

Bill is also delighted with the spirit of international friendship present at all nine of the overseas contests he has attended.

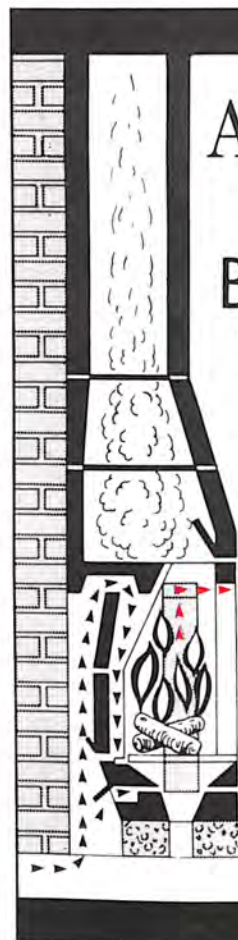
"A very poignant example springs to mind," remembers Bill. "When we were in Korea our stonemason helped his Japanese opponent to move a heavy piece of granite. In doing so he slightly damaged his hand which, for a stonemason who relies on his hands, could be trouble. He was O.K. and at the end of the competition the Japanese boy took off the kimono-style work-coat that his team wore and presented it to our stonemason as a mark of his friendship and respect."

*Finland is competing in the Skill Olympics for the first time. A team of seven is aiming for medals in turning and milling, electrical welding, bricklaying, carpentry, ladies' dress-making and CNC machining.*

# LINK-UP T&G

**We support  
the Skill Olympics  
because  
we care about  
Training.**

TRANSPORT & GENERAL WORKERS' UNION,  
TRANSPORT HOUSE,  
SMITH SQUARE,  
LONDON SW1P 3JB.



**A load of hot air  
(fresh hot air)**

By heating and convecting fresh air – at temperatures of up to 70/80 C – the Isokern Classic has an advantage over other fireplaces. And because it draws its air supply from outside, it also dramatically reduces draughts. The Classic is suitable for solid fuel or gas and available in 600, 700 and 950mm opening widths. Specified alone, or in conjunction with the unrivalled Isokern DM range of chimney systems, the result is the world's most efficient open fire. And that's not hot air.

**ISOKERN**  
WORLD LEADERS IN FIRE & FLUE TECHNOLOGY  
ISOKERN (UK) Ltd., 16 Haviland Road,  
Ferndown Industrial Estate, Wimborne,  
Dorset, BH21 7RF Tel: 0202 861650  
Fax 0202 861632

SOLE IMPORTER

# '89 SKILL OLYMPICS

## TRAIN, LEAD AND COACH



**Bob Arculus: four  
rules for success**

Bob Arculus, who heads the United Kingdom's technical delegation and is chairman of the selection and training committee is flooded with enquiries from abroad in the months before a Skill Olympics – letters written in native languages he can't even read. "My wife helps out with the French but the rest we pass on to language students for their help. We can't afford to place every piece of communication through professional outlets." For 22 years Bob was the principal of Coventry Technical College so training is of vital importance to him. Following the Japanese contest in 1985, when Britain won only two medals, Bob and his colleagues analysed why the team members, although capable of carrying off numbers of gold medals, didn't do so. They came up with four vital facts.

In order to succeed competitors must:

- Have the ability to concentrate for four days.
- Be physically fit.
- Be mentally fit and in the correct frame of mind to win.
- Be organised and keep the work-place tidy.

They put these guidelines into practice when they held an intensive training course before the United Kingdom team flew out to Australia last year. The competitors were prepared for the physically exhausting conditions they would have to compete under and were lectured on physical fitness as well as receiving dietary advice. The training efforts obviously paid off. In Australia, the team added a further seven medals to their previous score and flew back to Britain with ten medals and an overall placing of fourth. When pressed for a forecast Bob says this year he is hoping to see the United

Kingdom team of 34 carry off 15 medals. "That's my target. We have excellent competitors, particularly in the industrial and house wiring classes and that's where I expect to see us sweep the board."



**Malcolm Jones (left) and  
Archie Sharkie: team  
leaders and co-ordinators**

The man with the task of looking after the United Kingdom team from the minute it is selected until the end of the competition is 52-year-old Archie Sharkie, a lecturer in mechanical engineering at Glasgow's Springburn College.

"I'm responsible for them during the actual working periods in the competition, their free time and I'm on hand to deal with any problems they may have in the nail-biting time leading up to the final," he explains.

"I had one young apprentice who went to Japan and just froze. He spent four days sitting in front of his test piece and couldn't lay a finger on it. Another lad in Holland disappeared for a day. I thought I'd have to get them to drag the canals looking for him but he came back and told us he just needed time to himself."

Archie believes that the training period at Bircham Newton has made all the difference to the way the team handles itself in the Skill Olympics.

"People just don't understand the pressure these young people are working under. They all want to do well and sometimes they just crack. We found last year after the training weekend that the team were as one. They looked after each other and carried each other when the going was tough.

Archie became involved with Skill Olympics in 1965 the year the final was held in Glasgow. He does a lot of work with youth in the city – with the Boys' Brigade and youth football teams – and

was a natural choice. This year in addition to being the United Kingdom's team leader, Archie is also co-ordinating all the overseas teams.

This is a massive task and to assist him, Archie has 25-year-old Malcolm Jones, a bricklayer who represented his skill in the Japanese final.

"Malcolm didn't win a medal so knows what it's like to go out hoping for a medal and coming back empty-handed. He did wonders for the morale of our team out in the East and I know he'll do wonders for this year's contingent," says Archie.

"These Skill Olympic finalists are my bairns," he says. "Over the years many of them have kept in touch with me and that friendship makes it all worthwhile."



**Duncan Goodhew at Bircham Newton**

The United Kingdom team prepared psychologically for the Skill Olympics during an intense four-day training at Bircham Newton, the Construction Industry Training Board's main centre in Norfolk. There they faced tests and took part in role-playing exercises to stretch their imaginations, improve their confidence and make them aware they are competitors in a contest with fearsome opposition.

Frank Wilson, chairman of the construction panel, believes the competition is all a bit of a lottery, whether or not medals are won.

"All our lads in the construction team have a good chance of carrying off a medal but so much depends on the test pieces and conditions on the day," he says.

"A lad can so easily interpret a plan wrongly or put a line in the wrong place which throws out the dimensions of a piece and it takes a mammoth effort of concentration to get back on the right track. A group of spectators making remarks doesn't help or a photographer taking a picture of him at work. These sort of incidents can be very off-putting."

## Builders Training Association Ltd.

*Best Wishes to all Competitors in  
the International Youth Skill Olympics  
from*

**Probably the Leading  
Independent Training Organisation  
for Builders**

**SEE US AT THE BRICKWORK COMPETITION**

**Builders Training Association Ltd.**

Room 410, Cotton Exchange, Old Hall Street, Liverpool L3 9LQ  
Telephone: 051-236 2299 Fax: No. 051 236 3364

BUILDING SKILLS TRAINING IN LONDON & MERSEYSIDE





# SAFETY RECORD by BET PLANT SERVICES COMPANIES

Deborah Grayston Scaffolding-British Safety Council Safety Award for 8 consecutive years • Deborah Services Bahrain-BAPCO Safety Award • Four Seasons Roofing-British Safety Council Safety Award • Grayston White & Sparrow-SC & RA Rigging Job of the Year • HAT Contracting-British Safety Council Safety Award  
Orchestrated by BET Plant Services  
A BET COMPANY

BET PLANT SERVICES PLC VINE COURT CHALKPIT LANE DORKING SURREY RH4 1ES TELEPHONE 0306 76981

# Your protection.

## '89 SKILL OLYMPICS

# 70 TRANSLATORS TELL ALL

Each competing nation suggests test pieces for the competition. There are two judges for every four competitors and 70 technical translators ensure that everyone understands their task



Brickwork is one of nine major construction tests

Ten days before the 1989 Skill Olympics officially starts international delegations begin arriving in Birmingham. Even before workshops are installed at the National Exhibition Centre and materials assembled, the technical experts will be hard at work at Solihull College selecting the tests the young contestants will have to face. Each of the 21 competing nations submits its own suggested test pieces and after a day of intense study, discussion and selection the final tests are chosen by the panel of expert technical delegates. There then follows another day of finalising details — preparing lists of materials needed, marking schemes before the papers and plans are translated. Although English is the universally accepted language, everything is automatically translated into German, French and Spanish. A team of 70 technical translators ensures that every competitor has his or her own project translated into the right language. One translator per five competitors will be on hand at the contest to verbally translate as well as assist with instructions and plans. The tests themselves are of the highest standard and competitors in the past have been surprised at how taxing and demanding they can be.

Each project is very relevant to real life and, although academic prowess is expected, it is the practical side of the skills that the judges expect to see understood and demonstrated. Fundamental skills never change. Techniques and tools may alter but competitors have to remember that their instruments and machines only assist the operator to achieve a more finely honed version of what has been carried out manually, in some cases for thousands of years. In each category an international team of judges and technical experts selected from competing countries will be constantly assessing the contestants' work. One judge per 40 per cent of participants is appointed for each skill so if there are 16 competitors in a category, five judges will be keeping an eagle eye on every move, giving marks towards the final assessment. A computer helps to iron out any inconsistencies in the marks. Proposals for new skills are constantly suggested and yet some traditional skills prove extremely difficult to compare on an international level. All competitors have a roof over their heads yet



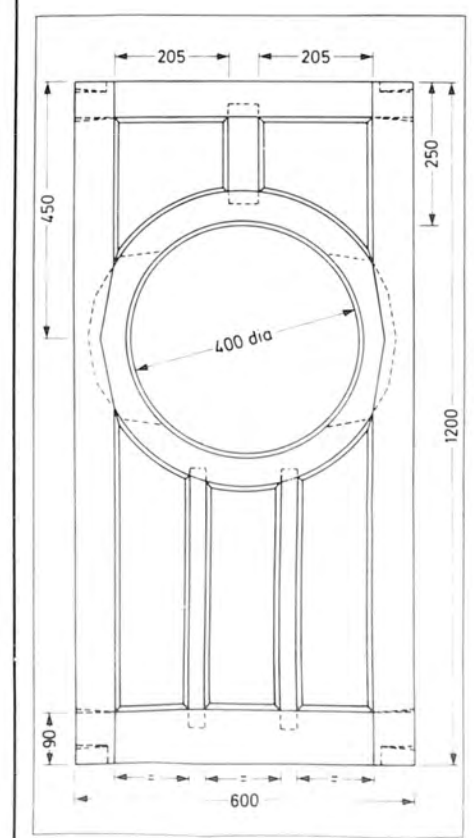
Service industries also compete

roofing, as a skill category, not present in this year's contest, may disappear altogether. Countries employ such different methods and materials that agreeing on an international standard is nearly impossible. Two new categories that appeared in the Australian programme last year were CNC (computer numerically controlled) machining and agricultural mechanics. These skills show all elements of the past and the future, yet the primitive mechanisms

that still form the basis of most agricultural machines still play a vital role in the expanding agricultural world. Incidentally, three combine harvesters are needed in this year's Skill Olympics, the largest pieces of equipment involved. A police escort guaranteed their safe arrival at the National Exhibition Centre.



Cooking up a storm at a past Skill Olympics

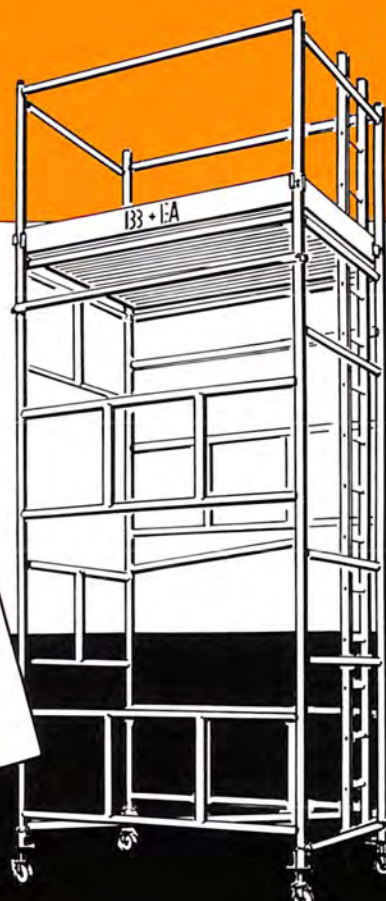


Detail from the joinery test set in Australia last year. Competitors often find the tests very difficult

## ACCESS TOWERS

Simple, inexpensive quality aluminium towers for all situations — NO-BOLT system gives speedy erection and stability — range includes light industrial units up to the "HI-LIFT" for larger commercial applications. We also supply a complete range of scaffold tube and fittings.

**FOR SALE  
OR HIRE**



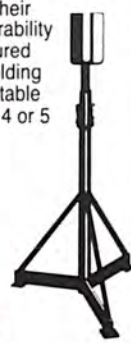
## & SCAFFOLDING FOR THE BUILDER

### STEEL TRETTLES

BB&EA range of builders steel trestles and split-heads are renowned for their quality and durability and manufactured with fixed or folding legs in 4 adjustable heights and 3, 4 or 5 board widths.



### SPLIT-HEADS



# BB+EA

BRITISH BUILDING & ENGINEERING APPLIANCES PLC  
63/65 London Road, SANDY, Beds SG19 1DJ  
Tel: Sandy (0767) 80291  
Fax: (0767) 291288

London Woolwich: 01-855 2421  
Reading: 0734 712321/2  
Southampton: 0703 551455

Stoke-on-Trent: 0782 814216  
Leeds: 0532 575141  
Manchester: 061-736 8538

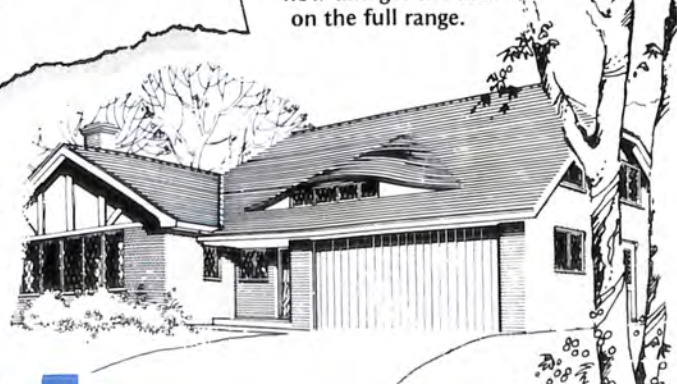
Birmingham: 021-556 1035  
Rugby: 0788 61789  
Nottingham: 0602 753721

## GARAGE DOORS

Choose from a complete range of garage doors that will enhance your home

**"YOU DON'T HAVE TO  
SACRIFICE STYLE TO  
IMPROVE SECURITY"**

# The BIRTLEY Collection



# hS BIRTLEY

Birtley Manufacturing Ltd, Mary Avenue, Birtley, Co. Durham, DH3 1JF. Tel: 091 410 6631. Fax: 091 410 0650.

There is no more stylish way to improve the security of your home than with a garage door from the Birtley Collection. There's a wide range to choose from, in steel and timber, each made to the same high standards of strength and quality. Send for a colour brochure now and get the facts on the full range.

## '89 SKILL OLYMPICS

## 'THE BEST TIME OF MY LIFE'

Winners take home more than medals and memories from the Skill Olympics. David Walford brought back a reputation from Korea in 1978 that helps him to win tenders today

"Without doubt, taking part in the Skill Olympics was the best experience of my life. I'll never forget it to my dying day." There's little question as to what the Skill Olympics meant to 31-year-old David Walford, who 11 years ago travelled to Busan in Korea and brought back a gold medal for Britain for his success in the plasterwork skill. "It was a wonderful experience," he said. "When you're 20-years-old, not from an affluent background and suddenly you're whisked off to Burtons to have a team suit made, then flown to Korea with such a dedicated bunch of people, it's like a dream." David has a score of memories from his Korean trip. He was the contestant who was so proud of representing his country and so pleased with his new team suit that he carried it on a plasterer's measuring pole, all the way from Heathrow to Korea.

He also recalls the immense team spirit. "Our team leader was Archie Sharkie who is a pure diamond of a man. He's the Brian Clough of the skill business. He made us believe in ourselves and each other, we all went out there to show Archie we could do it. He whipped us into a frenzy — we could have put up with any conditions just to show we had done our best." And he recalls: "There was one lad, the stonemason who was presented with a big lump of rock, the size of two television sets which he had to carve into some sort of shape. It was so heavy that his hands bled. He didn't finish the job but he carried on to the end of the competition with sodden, bloody hands — he'd rather have died than give up." He also remembers the warmth with which the Koreans made the British welcome. "Everything was strange to us — the food, clothes — even the bugs in the dormitory were huge monster bugs



— but the Koreans tried to make us feel relaxed and comfortable, they were very kind.

"I remember the night following the medals presentation when we all got roaring drunk on duty free. We hadn't been drinking at all up to then and the next morning we were all a bit wary as to what Archie would say but he was great and said it always happened — a natural pressure release." Following his success in Korea, David and a partner set up business aptly named Olympia Plastering. "We did well but after a few years we had a personal disagreement and fell out."

David still continues in plasterwork, working under his own name in the South Benfleet district of Essex. Has the gold medal helped his business? "Undoubtedly," he says. "If you're in a tender situation once the client realises you are a gold-medal winning plasterer, it can sway the decision your way. Also the training I received for the Skill Olympics was such a high standard, all round training that it covered the whole

spectrum of the trade. Once people know this, they appreciate the scope and quality of the work you can do."

David believes strongly in the need for continuous good training for young apprentices. "A few years after I finished my apprenticeship, the big company I had worked for stopped taking apprentices altogether and I know other companies are doing that too. It's no use trying to pick up a skill or trade from your father, grandfather or going into it because it's in the family, it's a changing, competitive world and you have to be highly trained to keep up there at the top."

David is hoping to make it up to Birmingham for the Skill Olympics final and catch up with old mates like Archie Sharkie. Then it's back home to Essex to await the birth of his first child, due at the beginning of October.

"I don't reckon we've got a future gold-medal plasterer here," says David. "I think it's a girl and I can't quite see her following in her daddy's footsteps."

## TIMETABLE

**Sunday 27 August**  
18.00 Official opening.  
Arena 1 NEC

**Monday 28 August**  
09.30 to 17.00 Competitions  
(Competitors take one hour for lunch and a 15 minute break morning and afternoon)

**Tuesday 29 August**  
08.30 to 17.30 Competitions

**Wednesday 30 August**  
08.30 to 17.30 Competitions

**Thursday 31 August**  
08.30 to 11.30 Competitions  
No morning break

11.30 Competitors view test projects

13.30 to 24.00 Marking begins

**Sunday 1 September**  
14.30 Closing ceremony and medal presentation,  
Birmingham Hippodrome

## NOTES

### MEDAL WINNERS GOLD SILVER BRONZE FOURTH

|                                   |  |  |  |  |
|-----------------------------------|--|--|--|--|
| Agricultural mechanics 37         |  |  |  |  |
| Automobile mechanics 33           |  |  |  |  |
| <b>Brickwork 20</b>               |  |  |  |  |
| <b>Cabinet making 24</b>          |  |  |  |  |
| <b>Carpentry 26</b>               |  |  |  |  |
| Commercial wiring 18              |  |  |  |  |
| CNC machining 32                  |  |  |  |  |
| <b>Construction steelwork 8</b>   |  |  |  |  |
| Consumer Electronics 17           |  |  |  |  |
| Cookery 34                        |  |  |  |  |
| Electric welding 10               |  |  |  |  |
| Engineering drawing 5             |  |  |  |  |
| Fitting 1                         |  |  |  |  |
| Garment production 31             |  |  |  |  |
| Gas welding 9                     |  |  |  |  |
| Graphic arts 36                   |  |  |  |  |
| Industrial electronics 16         |  |  |  |  |
| Industrial wiring 19              |  |  |  |  |
| Instrument making 3               |  |  |  |  |
| Jewellery 27                      |  |  |  |  |
| <b>Joinery 25</b>                 |  |  |  |  |
| Ladies' hairdressing 29           |  |  |  |  |
| Men's hairdressing 30             |  |  |  |  |
| Milling 7                         |  |  |  |  |
| <b>Painting and decorating 22</b> |  |  |  |  |
| Panel beating 13                  |  |  |  |  |
| <b>Plasterwork 23</b>             |  |  |  |  |
| <b>Plumbing 15</b>                |  |  |  |  |
| Press toolmaking 2                |  |  |  |  |
| Sheet metalwork 14                |  |  |  |  |
| <b>Stonemasonry 21</b>            |  |  |  |  |
| Turning 6                         |  |  |  |  |
| Waiting 35                        |  |  |  |  |
| Wood patternmaking 11             |  |  |  |  |

Information technology is a demonstration event. Figures are event numbers.  
Building and construction events in bold

### MEDAL TALLY GOLD SILVER BRONZE FOURTH POSTN

|                     |  |  |  |  |  |
|---------------------|--|--|--|--|--|
| Australia           |  |  |  |  |  |
| Austria             |  |  |  |  |  |
| Bermuda             |  |  |  |  |  |
| Brazil              |  |  |  |  |  |
| Finland             |  |  |  |  |  |
| France              |  |  |  |  |  |
| Liechtenstein       |  |  |  |  |  |
| Japan               |  |  |  |  |  |
| Korea               |  |  |  |  |  |
| Macao               |  |  |  |  |  |
| Netherlands         |  |  |  |  |  |
| New Zealand         |  |  |  |  |  |
| Portugal            |  |  |  |  |  |
| Papua New Guinea    |  |  |  |  |  |
| Republic of China   |  |  |  |  |  |
| Republic of Ireland |  |  |  |  |  |
| Spain               |  |  |  |  |  |
| Switzerland         |  |  |  |  |  |
| United Kingdom      |  |  |  |  |  |
| USA                 |  |  |  |  |  |
| West Germany        |  |  |  |  |  |

*The Irish have discovered the magic effect of the Skill Olympics. Ten teachers of construction trades at the prestigious College of Technology in Dublin's Bolton Street hold 13 medals between them. Cork hosted the Skill Olympics in 1979. Dublin held the event in 1963.*

# SPONSORING SKILL



Sir Clifford Chetwood, FCIQB, FRSA, PRESIDENT OF THE BUILDING EMPLOYERS CONFEDERATION

The BEC's National Contractors Group — representing Britain's largest contractors operating throughout the country — is sponsoring the Carpentry competition at the '89 Skill Olympics.

Sir Clifford Chetwood, of the Building Employers Confederation and a leading member and former Chairman of the National Contractors Group, says:

"Carpentry is one of the great traditional crafts of the construction industry. The supreme skills of these tradesmen can be traced down the ages from historic cathedrals and palaces to the increasing quality and standards we bring to modern housing and buildings.

"If these skills and standards are to survive and develop in the future, we have to attract into our industry large numbers of young people who will form our craft work force for the future.

"The '89 Skill Olympics comes at a crucial time for industrial and commercial training in this country and elsewhere. I am sure this event will inspire our young people taking part to prove their skills and win gold medals for Britain."

**BUILDING  
EMPLOYERS  
CONFEDERATION**



82 New Cavendish Street, London W1M 8AD. Telephone 01-580 5588. Telex 265763  
Formerly National Confederation of Building Trades Employers



# CELCON TAKES SOME BEATING

Celcon blocks are easy-to-lay and economical when used in beam block floors. Their ever growing popularity proves that builders think Celcon takes some beating.

Send for full technical details by completing and posting the coupon now...



Celcon Blocks Ltd  
Celcon House, 289-293 High Holborn, London WC1V 2HU  
Telephone: 01-242 9766

 A Kingsway Group Company

Please send me details of the complete Celcon Range

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

HT \_\_\_\_\_