

Review 2003

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the fabric
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Rubb News from around the World

We Cover The World.®



welcome to the fabric engineer

In the year 2002 Rubb focused more resources than ever on product development. In the UK work that started in 2001 has resulted in a new range of Rapid Deployment Shelters (RDS) and Aluminum Rapid Erect Hangars. In Norway a different range of Aluminum framed RDS shelters has been developed. In the USA the THA shelter has been further developed and simplified.

As Rubb continues to expand its product line our goal remains to provide a complete product range that can satisfy virtually any requirement of our customer base.

In addition to product development, Rubb has delivered several impressive structures in 2002. In Norway we have continued to deliver structures to industrial customers, and to the United Nations in its emergency relief operations. In the UK, Rubb has completed the Group's largest sports structure to date for Newcastle United Football Club. This structure is used as an indoor training facility. In the USA, Rubb Inc has delivered a state of the art dehumidified newsprint conditioning facility and completed another impressive cocoon project for Military Sealift Command.

Overall, Rubb continues its policy of conservative engineering and quality of service and product. We hope the content of this issue of the Fabric Engineer is of interest.

Finn A Haldorsen

Finn A. Haldorsen
Group Chairman

RDS Shelter, UK



MCS Building, Norway



NV Building, Cape Kennedy, USA



BVE Building, USA

THAB Shelters, Ethiopia



Based on a BVE type building this 88.6' span x 200' long building covers basketball courts at the Brentwood School athletic complex, California, USA

Cover Photo: York Indoor sports structure, USA. See page 7 for further details.



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In-house design and manufacture = quality control

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Old Albanians

get a state of the art pavilion.

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John Willis teams up with Rubb

Tennisport Ltd is the trading name of John Willis, appointed agent for the design consultation and marketing of Rubb Sports Buildings in the UK and the Republic of Ireland.

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NEW Rubb Agent in the Middle East

Rubb International A/S has appointed Emirates Commercial Business Services as sole agent for several Middle East countries. Rubb and ECBS recently jointly attended the IDEX military exhibition in Abu Dhabi. From left (seen with military dignitaries) are W.Bonnot (General Manager of ECBS), K. H. Akkoub (ECBS), F.A. Haldorsen and I. Mackley from Rubb. A complete Rubb Rapid Deployment Shelter (RDS) with mobile air conditioning was shipped to Abu Dhabi and will be demonstrated to various military organizations in the area for the rest of the year.



NEW fabric from Hexcell

Hexcell of the USA have developed a new PVC coated fabric. This consists of a Kevlar weave that it is claimed can stop incidental shrapnel. The fabric has obvious military applications and is weldable in standard high frequency machines and illustrates continued development of industrial fabrics in our market segment.

Rubb TM Ltd wins largest contract to date

Rubb TM Ltd, the tension membrane division of Rubb UK Group has recently won a \$500,000 contract to fit canopies to a station in Dublin, Ireland. The project is due to be completed in the fall of 2003.

Rubb wins replacement contract!

A 1.9 million dollar contract has been awarded to Rubb Buildings to replace a competitors warehouse structure that collapsed last winter. The 100,000 sq.ft warehouse will be fully operational by December of 2003

Rubb had a number of buildings in the same area, none of which were affected by the snowstorm.

Rubb TSS gets contract

Rubb TSS, a joint venture of US based Rubb Inc. and VESI Tension Span of Australia received its first order for a large tension membrane canopy structure to be erected in Wisconsin in late 2003.

Expansion at Team Valley, Gateshead, UK

At Rubb Buildings' manufacturing plant at Gateshead the company has met increased demand for the production of its smaller shelter structures by adding a mezzanine floor to its existing facility. Production space has actually been increased by some 6,000 sq.ft.

As Managing Director, Bill Wood explained: "This additional production area has allowed us to add another three PVC welding machines which doubles our capacity in this particular process. More staff are currently being recruited to help us meet the rapid increase in orders that we are currently enjoying."

and serious investment too

The expansion of Rubb's production facilities has gone hand in hand with investment in latest technology. Not only has the company created greater work space, but the installation of a new Pegasus plasma cutting machine is having a dramatic effect on manufacturing capacity and efficiency. Taking advantage of the latest developments in precision



Rubb's new 12 watt and 20 watt Fiab fabric welding machines insitu on the recently constructed mezzanine floor

plasma technology, Rubb now produces cut parts at laser quality. High efficiency and improved productivity rates of the new machine can achieve cutting speeds of 130' per minute with mild steel being cut up to 3/4" thick and stainless steel or aluminum up to 5/8" thick.

The company really has advanced the state of the art, as at the time of going to press, there are only 5 such machines in the U.K. In practical terms the Pegasus performs three operations in one - copying, profiling and the precise marking

of drill holes. Prior to the purchase of the machine all profiling was performed by hand.

As an added benefit to cost efficiency, computer analysis maximizes use of material and ensuring product waste is kept to an absolute minimum on every sheet of steel or aluminum.

High speed operation is maintained during the cutting process by a rigid machine beam with linear guides and bearings maintaining accuracy throughout the cutting area.

Managing Director, Bill Wood commented: "Our additional facility expansion, new equipment and staff will help ensure that we can continue to offer competitive prices and meet tight delivery deadlines."

The new plasma cutting machine in operation - one of only a few in the UK



Close up of the plasma cutting head in action



Rubb™ scores on design at St. Albans



One of the most impressive Rubb™ projects to have been completed in the last 12 months is the new pavilion for Old Albanians, a long established rugby club that originally grew from the local St Albans School. Rubb™ has played an important part in the building's design, indeed today it is Europe's largest independent sports complex.

Old Albanians is multi functional from a sports point of view, providing six rugby fields, two cricket fields and four tennis courts. The pavilion, designed by Fisher Associates needed to provide adequate facilities for up to 12 changing rooms at any one time, as well as making social provision for players and families during and after matches. Old Albanians' Rugby Club also runs six senior sides plus a Colts team, and 300 children play mini rugby every Sunday morning.

Although the pavilion has been built on open farmland there was a wish to provide a building of unique, high architectural quality. Residents and community leaders alike have expressed pleasure at the sight of Rubb's 'White Sails' across the balcony of the pavilion.

The fabric used is a type II Acrylic coated PVC polyester membrane supported on galvanized steelwork. The rigging consists of 1x19 strand stainless steel ropes with chrome bronze terminals and Turnbuckles.

To achieve the desired conical forms the manufacture and installation had to go

through several stages. The initial stage was to establish a system geometry based on the Architect's drawings. This process produce a matrix of XYZ coordinates which were the basis of the formfinding exercise. The process of formfinding produces a computer generated model showing the curvature and seam patterns.

Before the patterns were finally produced test data from the membrane material had to be input. This test data informed the patterning program of the stretch characteristics of the membrane when subjected to typical load cycles.

This information was essential to determine the starting dimensions at manufacturing stage prior to inducing tension at installation stage.

Once the fabric patterns were produced and seam allowances determined, the membrane was cut on a cutter-plotter



machine. It was then welded via high-frequency welding.

The membrane was taken to site for installation in one piece. The canopy was then fixed into the gutter at its rear edge via a specially designed extrusion, and at its leading edges using stainless steel catenary ropes.

Tension was induced incrementally by activating screwjacks, which pushed the cones upwards. The result is a dramatic architecturally interesting roof system.





Rubb™ Project Updates

Below are some brief updates of a number of projects that Rubb™ has completed during the last year.

project: London School of Economics, UK



The challenge was to design and fabricate a roof for the school's unused courtyard to transform it into an atrium style cafe and meeting place. 23' x 100' and situated 4 stories up, the roof was fitted with polycarbonate domes which automatically open and close to suit environmental conditions.

customer: London School of Economics

location: Central London, UK

project: Plymouth Theatre Royal, UK



Bronze wire mesh rainscreen cladding was applied to exterior walls in the form of 26'x3' panels. High pressure water testing proved that the cladding exceeds British Standards for water tightness. It was recently one of the winners at the American Institute of Architects' London/UK Chapter 2003 design awards. Architect: Ian Ritchie Associates.

customer: Plymouth Theatre Royal

location: Plymouth, UK

project: Staines Riverside, UK



Situated on the banks of the River Thames west of London this sculptural canopy provides shelter to an amphitheatre intended for outdoor performances. This local landmark also forms a convenient resting place for long distance walkers on the Thames Pathway.

customer: Staines Local Authority

location: Staines, UK

project: Cirencester Sails, UK



These internal sails suspended high in the roof space of this office, are functional as both decorative pieces of sculpture and provide solar shading for the office workers below.

customer: Cotswold District Council

location: Cirencester, UK



Rubb Project Updates from around the World

Below and on the following pages are brief updates of a number of projects that the Rubb Group has completed during the last year.

project: Hunterston B Power Station, UK



In 2000 British Energy at Hunterston B Power Station had been so pleased with the temporary use of a Rubb building to help maintain and repair requirements, that the same size building was specified for use in July of this year.

customer: Turbine Systems Ltd
location: Scotland, UK
dimensions: 39.4' wide x 59' long

project: Indoor Sports Arena, York, USA



Rubb Inc, USA helped finance a new indoor sports facility in York, Maine, USA. The structure had previously been used as a coffee warehouse in Boston and was relocated to York, extended in length and is now a first class sports facility.

customer: York Sports
location: York, Maine, USA
dimensions: 100' wide x 233' long x 19.7' sidewall

project: Shopping Center, Norway



The Oasen Shopping Center in Bergen, needed to repair the roof of the main building. To be able to work under cover they erected a Rubb MCS retractable roof cover. The structure is fully crane liftable.

customer: NCC
location: Fyilingsdalen, Bergen, Norway
dimensions: 65.6' wide x 59' long x 16.4' sidewall

project: UN, Congo, Africa



Rubb Norway supplied two structures to the UN Peace Mission in Congo, an NV building and a THA shelter, both to be used for the storage of food prior to distribution. The structures were delivered via Norway Agent W. Giertsen A/S.

customer: United Nations (UN)
location: Congo, Africa
dimensions: 65.6x138x13.1' walls | 32.8x79x11' walls



Rubb Sports Buildings – way ahead on points

With over 30 years' experience in the design, manufacture and installation of fabric covered buildings, Rubb provides unparalleled expertise in the production of sports facilities.

The ever increasing competitiveness in sport and its growing financial and business implications have led to a



demand for purpose built, all weather training and playing amenities. Rubb's experience in the provision of such facilities in the UK, Norway and USA guarantees the production of a high value building where the use of translucent fabric gives the impression of playing and training outside. At the same time teams and individuals are completely protected from the weather, and first class illumination is provided.

In the USA, Rubb has partnered with Sportsplex Management Group, LLC to offer a full line of sports structure, sizes and capabilities. Rubb and SMG can provide a complete sports structure solution including field turf, lighting, netting and other accessories in a single package.

STANDARD SIZES FOR COST-EFFICIENCY AND SPEEDY INSTALLATION

Available in spans from 50' to 290' wide by any length, these modular building designs allow for fast delivery and



The Vasquez High School, Acton, California, USA, now has a new 100' x 116.7' BVE type gymnasium.





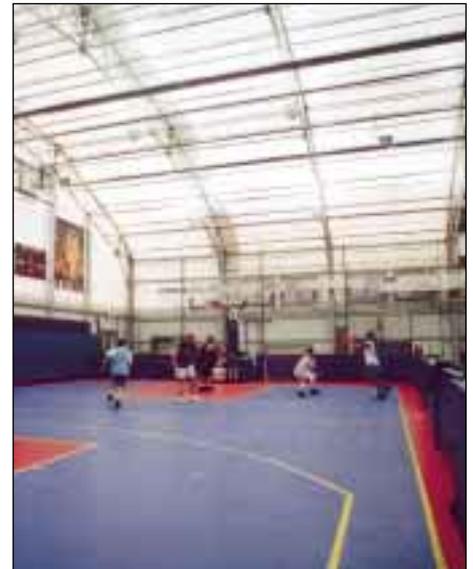
Left: This structure had previously been used as a coffee warehouse in Boston, Massachusetts USA, before it was relocated to York, Maine USA, lengthened and then converted into a first class sports facility

Right: This NV Type Sports building with a 65.6' span, 453' long with 13.1' sidewalls is fitted with an optional inner line and provides youth at the Bathgate Sports Center, Scotland with an excellent year round sports facility



quickly erected by Rubb's site crews. The framework is then clad with an architectural membrane of PVC coated polyester. Ventilation can be provided along the entire length of the building. In addition Rubb can provide complete design integration with services, hard walls, side openings, netting and other systems.

- Standard fabric membrane is 28 ounces per square yard PVC coated polyester with a proven twenty plus year service life expectancy.
- Superior fire performance.
- Low maintenance costs.
- High levels of natural daylight.
- A flexible, high value, quick to install facility.
- With over 30 years' experience Rubb is a world leader in fabric clad structures.
- Complete single source design, production and installation.
- Complemented by provision and installation of many ancillary services.
- Structural frame is hot-dip galvanized after the welding process, providing up to four times the service life of other systems.



This BVE Type Sports Building provides for a variety of different sports and activities. It has a 90' span, is 150' long with 19.7' sidewalls and is a multi-sports facility. Brooklyn, New York, USA.

installation, they can be easily reconfigured or even relocated. Adaptable to multipurpose sports uses, key features of the modular Rubb sports buildings are the low lifetime maintenance costs and reduced lighting costs, as the translucent roofs allow high levels of natural daylight.

OVER 30 YEARS' EXPERIENCE IN MEETING INDIVIDUAL REQUIREMENTS FOR 'ONE OFF' BUILDINGS

As a recognized world leader in the production of fabric clad structures, Rubb is able to draw on a wealth of experience to design sports facilities to meet specific individual requirements. With complete design, manufacturing, installation and service facilities in the UK, USA and Norway, customers can have complete confidence in Rubb providing a proven structure solution.

THE ULTIMATE IN COST-EFFECTIVE INDOOR SPORTS FACILITIES

Once playing areas are leveled and suitable flooring/foundation prepared, construction of a Rubb Sports Building can commence. The structural frame of post production hot-dip galvanized steel is

Rubb now a member of SAPCA



The company's recent membership in the U.K. trade organization, SAPCA, the Sports And Play Constructors Association will further serve to network the Rubb/Tennisport partnership among the major sports facility providers and client base.

At a recent Sports Industry reception at Rubb's Gateshead base, Mr Chris Trickey Chief Executive of SAPCA remarked,

"The undoubted technical expertise of Rubb and the sports specific experience and knowledge of Tennisport, will produce a powerful and complementary partnership that is not currently matched by any of the other players in the fabric clad sports building business."



From left to right: John Willis - Tennisport Ltd, Peter Oldfield and Tom Roberts - Chesterfield LTC, Chris Trickey - Chief Executive SAPCA and Ray Colby - Sales Manager Rubb Buildings Ltd

www.sapca.org.uk



Over the years John has coached several players to national titles with a small number of his pupils having some success at Junior International level. Pictured here with pupil Chris Harrison after winning the North East of England 13 years and under Masters Tournament Final in the summer of 2002.

Now every school, club and coach can have a 12 month indoor program!



Tennisport Ltd is the trading name of John Willis, appointed agent for the design consultation and marketing of Rubb Sports Buildings and Shelters in the U.K. and Republic of Ireland.

John has worked full time in the sports industry for over 25 years most notably in lawn tennis. He has worked in numerous roles from Tennis Development Officer, Head Performance Coach and over the past 7 years as Coach Education

Tutor for the National Governing Body, the Lawn Tennis Association.

His work in tennis takes him the length and breadth of the U.K. working in the major indoor tennis facilities. He has also gained much experience of the international tennis development and facility scene with regular visits to conferences and tournaments throughout Europe, Australia and North America.

From June 2002, when Tennisport got on board with Rubb, significant success has been achieved in raising the Rubb/Tennisport profile and elevating awareness of the Rubb brand throughout the tennis industry. The goal is to consolidate that profile before moving the brand forward into other sporting applications.



'TenniShelter' Mini-Tennis hall

- Galvanized steel frame has a long life span
- PVC membrane allows maximum daylight in and has a lifespan of up to 25 years
- Indoor and outdoor signage available
- High density playing surface available in a choice of colors
- Traditional foundations not always required - can be erected quickly on a suitable flat surface
- Complete with windows and doors

play Tennis



Rubb Project Updates from around the World

project: NASA, USA



Rubb Inc. recently completed a project for NASA at the Kennedy Space Center in Cape Kennedy, Florida, to provide a protected environment for maintenance operations involving the space shuttle.

customer: NASA

location: Cape Kennedy, Florida, USA

dimensions: 85' wide x 62' long x 19.7' sidewall

project: Air Products & Chemicals, USA



This building was originally installed at Port Newark, New Jersey. It has now been moved to the Air Product's facility in Wilkes Barre, Pennsylvania. This clearly demonstrates the flexibility that a Rubb structure brings to its owner.

customer: Air Products and Chemicals, Inc.

location: Port Newark, NJ/Wilkes Barre, PA

dimensions: 70' wide x 236' long x 28' sidewall

project: Karmøy Island, Norway



This NV type building was delivered by Rubb Industri A/S via W. Giertsen A/S to Karmsund Maritime A/S and is being used as a general storage building to protect materials which would normally stand outside from the elements.

customer: Karmsund Maritime A/S

location: Norway

dimensions: 65.6' wide x 98.4' long

project: Warehouse, Philadelphia, USA



The Port required a facility that could be erected quickly in one location but relocated in the future to another site. Rubb provided an I-beam foundation that could be relocated along with the building.

customer: Philadelphia Port Authority

location: Port of Philadelphia, Pennsylvania, USA

dimensions: 100' wide x 400' long x 23' sidewall

Rubb Project Updates from around the World



project: RDS Military, UK



Rubb Buildings Ltd, erected on short notice a 30' wide RDS shelter joined into a 20' wide shelter for a military exhibition. The Larger RDS housed a 'secret' new military vehicle prototype.

customer: Ministry of Defence (MOD)
location: Anywhere and at short notice
dimensions: 30' x 32.8' long and 20' x 24.6' long

project: Merrill Marine Terminal, USA



This is the sixth building at the Merrill terminal and is used for the storage of up to 12,000 rolls of newsprint in a dehumidified climate controlled atmosphere. Temperature is controlled by a gas fired heating system.

customer: Merrill Industries
location: Portland Maine, USA
dimensions: 140' wide x 380' long x 25' sidewall

project: Mosque, Kuwait



The Kuwait Ministry of Defence had a requirement for a Mosque to be built on one of its military installations. Erected by military personnel, it includes insulation, lighting air conditioning, ceiling fans, and carpets.

customer: Kuwait Ministry of Defence
location: One of the hottest regions of the Gulf
dimensions: 39.4' wide x 69' long x 11' sidewall

project: Military Storage Cocoons



Rubb Inc. recently completed its fourth major marine protection enclosure system for the US Military Sealift Command. A total of six controlled environment cocoon modules are positioned on the William H. Pitsenbarger.

customer: Military Sealift Command
location: 'William H. Pitsenbarger'
dimensions: (4) 86.6'x23.5'x34.4' (2) 86.6'x23'x26'



project: Dublin Port Authority, Ireland



Dublin Port Company has become one of Rubb Buildings' latest export successes, with the purchase of a 32,390 sq.ft relocatable warehouse facility. Features include a 65.6x20' folding shutter door plus a further six 20x20' roller doors.

- customer:** Dublin Port Company
- location:** Dublin, Southern Ireland
- dimensions:** 80' wide x 410' long

project: Salt Storage Facility, USA



In 1997 the City of Dover purchased a small warehouse for salt storage. Impressed with the speed of construction, quality of the product and cost efficiency, the City placed a second order for a much larger facility.

- customer:** City of Dover
- location:** Dover, New Hampshire, USA
- dimensions:** 70' wide x 140' long x 20' sidewall

project: ComAir Hangar, USA



ComAir, a regional airline associated with Delta Airlines required a line maintenance hangar in Orlando, Florida for a fleet of regional jets. Rubb provided the solution with a completely fitted out version of one of its BVE hangars.

- customer:** ComAir Inc.
- location:** Orlando, Florida, USA
- dimensions:** 110' wide x 116.7' long x 24' sidewall

project: Emergency Relief, Ethiopia



Rubb THAB shelters have been used extensively by the UN in Africa as food stores and hospitals. Each of the above shelters are used to store 500 tons of grain. They were delivered to Ethiopia via W. Giertsen A/S of Norway.

- customer:** United Nations
- location:** Ethiopia, Africa
- dimensions:** 33' wide x 66' long x 11' sidewall



New RDS shelter for use in emergency relief

Rubb Norway has recently completed the development of a new type of shelter - the RDS Mk1. Known as a Rapid Deployment Shelter (RDS) they are based on a standard width of 16' and available by any length in multiples of 8'. The structural frame is made of strong but lightweight aluminum which is beneficial in both handling and shipping.



A customer for 30 years - and more!

Wårtsila Norway A/S has been a valued customer of the company for the past 30 years and in that time has been a regular user of Rubb structures. Towards the end of 2002 they placed yet another order, this time for a Rubb NV 66' span by 70' long with 13' sidewalls.

"We are delighted to once again be of service to Wårtsila Norway A/S" commented Finn Atle Haldorsen.

Rubb backs a winner for the second year

Rubb continued to assist local Mikkeline Zurhaar-Birkeland through a successful season in 2002.

Mikkeline participated in international jumping events in Finland, Sweden, Denmark and Germany. She came second in the Norwegian National Championships for Juniors and second again in the same event classified for 'Young riders'. This classification is for competitors under the age of 21. Mikkeline is only 18 years of age.

In 2003 she will enter the Norwegian National Team for young riders. In February of this year she participated in a large international event in Willemssborg, Denmark. Here she competed well with the best senior riders in Europe. In 2003 she will represent Norway in international events and all of us at Rubb wish her continued success.



"Willemssborg CSIO Tournament, Denmark" where Mikkeline rode the Irish horse "Major McPenny" February 2003. Photo: Wiegaarden, Rikke Lindberg.

TSS...first project under way

Rubb TSS is a joint venture between Rubb Inc. in the USA and Tension Span Systems in Australia. Tension Span Systems has completed many large tension membrane structures mainly in Australia, and have teamed up with Rubb Inc. to offer tailor made tension

membrane structures in the US market. The illustration shown illustrates the first joint project that will be delivered in 2003. Rubb Inc. will fabricate the framework, TSS the fabric and the installation will be carried out as a joint effort.



Whatever the weather - U.Y.T. deliveries are kept dry

Keeping components for the car industry dry during transit is a key requirement for U.Y.T. in Coventry, UK.

Situated in the heart of motor vehicle manufacturing in the country at Coventry, U.Y.T. needed to provide extensive dry loading facilities to meet its customer requirements for delivery of components. Rubb Buildings has met this challenge by providing a canopy extension measuring 84' wide by 236' in length to U.Y.T.'s existing storage facility.

As Keith Byrom, Facilities Engineer at U.Y.T. commented "We are delighted with the Rubb product, it has provided the company with a speedy and economical way of extending our storage facilities and ensuring weather proof coverage of products in transit".



Once again Silver & Baryte turn to Rubb

Recently when Silver and Baryte, North America, Inc. needed a state of the art bulk storage facility for perlite, they again turned to Rubb, Inc. Rubb had previously provided two bulk storage facilities (to their predecessor company; Eastern Industrial Minerals) in 1998 and 2001.

Silver and Baryte required the new facility, a 130' span x 433' long building to service their customer base in the Southern U.S. near the Gulf of Mexico. The new facility, sited near Mobile, Alabama, is equipped with a sophisticated dust containment system provided by Wheelabrator Corp. in Canada. In addition the structure has large 16' x 16' roller shutter doors in each gable end to facilitate the loading and unloading of large trucks.



The new facility is ideally situated on a deep water port so that shiploads of material can be transported and stored for nearby clients who require delivery of perlite to match their production schedules.

Largest span structure for W. Giertsen A/S

Rubb Norway, via its agent W. Giertsen A/S delivered its largest span structure in Norway to date, a 115' span BVE structure. The structure was designed by Rubb Buildings in England to specific high snow loads that are experienced in the east of Norway. The structure is used as a standard storage facility and has been supplied with a link

tunnel to join up the new Rubb building and the existing facility.



Rubb Group 25 years in the UK



The founder of the Rubb Group, Finn Haldorsen.

"The founder of the Rubb Group, Finn Haldorsen started Rubb in Norway in 1968, and in 1977 expanded by establishing Rubb Buildings Ltd in Gateshead, Tyne & Wear, England. From the outset it was planned to have a full engineering, production, and services company so that Rubb could control the quality of all aspects of its product. A crucial step in achieving this quality goal was hiring the right people. Bill Wood, Managing Director of Rubb Buildings Ltd was the first employee and has been crucial in the success of the company. He has been with Rubb Buildings Ltd since 1977 and was instrumental in helping recruit sales, engineering, and production staff many of

whom are still with Rubb today. A focus on quality and a positive work environment has allowed Rubb UK to retain key employees over the years. This is something that has helped ensure the final quality of the Rubb product. At the end of the day it is the people at Rubb Buildings Ltd that have kept the company a success for 25 years".



Bill Wood (left), Managing Director of Rubb Buildings Ltd, and Eric Cairns have been with the company since its inception in 1977. Here seen accepting gold watches in November 2002 for 25 years service to the company.



Expansion for Rubb Norway

In 2002 Rubb Motor A/S, Norway invested \$300,000 in its facilities at Rubbestadneset. This is to optimize production efficiency and increase covered production area. Rubb Norway has also expanded its services by now offering general welding services locally. This entails equipping a service van with state of the art welding equipment and tools for rapid response to customer needs. Tarjei Stautland, the Managing Director of Rubb Motor A/S, expects the service side of the business to increase in the coming years.

and finally...

Solveig Agasøster was presented with an engraved gold watch after 25 years of loyal service to Rubb Industri A/S, Norway.



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