

THE INNOVATOR



Barrus Undergoes Major Expansion



Fishing In Style With Quicksilver



Cub Cadet At Bournville



WOLF-GARTEN

Cover: WOLF-Garten offers the total gardening solution for lawn care, soil and cultivation, tree and shrub care and general garden maintenance.

CONTENTS

3	Expansion of Barrus in Bicester	9	NEWS BITES	16	Mariner To The Rescue
3	Barrus Retains SOLAS Certification for 14th Consecutive Year	9	Cub Cadet & William Fox-Pitt	16	New Shire Workboat Engine Range From Barrus
4	Top Marks for Barrus Training Courses	9	Nova Flore Brightens Up Local Roundabout	17	Wilkinson Sword MultiTools
4	Barrus Supports The Poppy Appeal	9	Gardening In Miniature	17	Affordable Garden Tools From A Name You Can Trust
4	On Call... For 20 Years	9	Mercury Supports Extreme Sailing Series	18	WOLF-Garten Reaches Parts The Other Tools Can't
5	Cub Cadet At The Bournville Trust	10	Great Value Gardening Gifts	18	Lawnflite For A Professional Finish
6	Cub Cadet's Mowing Power For Tough Conditions	10	GIMA Award For Wilkinson Sword	19	Yanmar Chosen For Belle's Next Generation Products
6	Cub Cadet Introduces 3 Year Warranty	10	Cub Cadet Joins The Fire Service	20	Loncin Goes From Strength To Strength
6	WOLF Takes The Strain	10	Go-Kart Lawn Tractor	20	Powering Site Equipment To Race Karts!
7	New Quicksilver Pilothouse 605 & 675	11	Yanmar Has The Power In A Compact Package	21	Lawn Mowing Made Easy
8	Quicksilver Introduces Largest Family Cruiser	11	A Thrilling Ride Down The Thames	21	Cub Cadet In The Pink
		12	Mercury Diesel Combines Power & Performance	22	Twitter and Facebook
		13	Fearless Record Breaking Nearly Ends In Disaster		Back Page Upcoming Shows
		14	Yanmar Provides The Power For CTRUK's Thor Project		
		15	Mariner In Flood Rescue Training		

Quicksilver, New Pilothouse and Activ Models

Full story page 7



Carbon Tools

Full story page 17



Cub Cadet & William Fox-Pitt

Page 9



Bournville Trust Page 5

Mercury Record Breaker

Page 13



Yanmar Powers

CTRUK's Thor Project

Full story page 14

Yanmar Down The Thames

Page 11



Next Generation
Belle Products
Page 19



EXPANSION OF BARRUS IN BICESTER

Continuing business growth has resulted in the need for further expansion at Barrus's head office based in Glen Way, Bicester.

The company has invested £2.5 million into a brand new Tools Distribution Centre, six new computer-controlled parts picking machines and other upgrades to the Production and Servicing areas. The 8000sq ft. Tools Distribution Centre, is a clear span building allowing for maximum floor space. The Kardex Shuttles, the latest technology in automated high bay storage and handling systems, are capable of carrying over 22,000 product lines with a combined capacity of around 17 tonnes. The main distribution facility has also been relocated from Bicester Garrison to the former RAF/USAF Base at Upper Heyford providing a combined area of over 2 million cubic feet of warehousing.

In support of the expansion the company has created additional job opportunities in the area with an increase in staff numbers from 125 to 143. "The garden tool business has gone from strength to strength for Barrus since we first introduced the WOLF-Garten brand in 2009 and Wilkinson Sword in 2010. This modern, new facility and our investment in spare parts systems will assist in increasing our efficiencies and more importantly the service we provide to our customers," comments Robert Muir, Managing Director, E. P. Barrus Ltd.



Photograph supplied with kind permission of the Oxford Mail.

Pictured from Left to Right: Robert Muir, Managing Director, Keryn Clarke, Operations Director and Bob Troup, Warehouse Manager, E. P. Barrus Ltd.



Clockwise from Left: Kardex Shuttle control panel, main distribution warehouse at Upper Heyford, two of the 6 Kardex Shuttles at Bicester headquarters.



BARRUS RETAINS SOLAS

Barrus is pleased to announce that it has again achieved the Certificate of Manufacturing Assessment for 2014 awarded by the American Bureau of Shipping.

This is the 14th year that Barrus has successfully completed this rigorous assessment which covers all levels of the manufacturing process from design, through to engine build and testing and the company's quality control systems. This enables Barrus to manufacture and supply engines for boats that require SOLAS (safety of lives at sea)

Certification. These are mainly for boats operated by commercial users, professional rescue organisations and the MoD. There are a number of Yanmar engines which are currently available with SOLAS Certification.



TOP MARKS FOR BARRUS TRAINING COURSES

The Barrus Marine Service Training Programme 2014 got underway during January and February with 324 marine technicians from 210 dealerships attending the Recertification Courses.

The Recertification Course is just one of a number of courses offered by Barrus to apprentices, experienced technicians and dealers requiring refresher courses. The aim of the course is to update dealers on new products and technical information for the Mariner, Mercury, MerCruiser and Mercury Diesel engine ranges. This is what some of the dealers had to say:

“Thank you very much for the course and your hospitality. It’s always interesting and always a pleasure.”

- Arthur Baldwin, HMS Sultan, MOD.

“I have been a Barrus dealer for 30 years and attended many training courses. The Barrus courses are enjoyable and educational - a benchmark for the industry, employing the latest technology and training methods.” - Alwyn Rowlands, Dulas Boat & Caravan Company

“The Barrus Marine Training Team is very professional imparting huge amounts of technical information to the participants who enjoyed both the theory and practical parts of the courses. We at McAleese Marine acknowledge the importance of proper training for our technicians and the benefits to our customers.”

- John McAleese, John McAleese Marine



BARRUS SUPPORTS THE POPPY APPEAL

Barrus was pleased to help out the Bicester Branch of The Royal British Legion when they experienced a problem finding a suitable place for storing their poppies and collecting tins in readiness for the 2013 Poppy Appeal.

“We had a problem with our previous storage facility two years ago when the stock of poppies were spoiled in damp conditions. The offer of dry, secure conditions in Barrus’s warehouse came just at the right time! We are extremely grateful and appreciative of the kindness and consideration shown to us by Bob Troup and the

warehouse team at Barrus,” comments David Crabbe, Branch Secretary & Poppy Appeal Organiser 2013.

The Appeal is the Legion’s biggest fundraising campaign with its origins dating back to 1921 when the first appeal raised £106,000 (nearly £30 million in today’s terms) and all the poppies were supplied from France. In 1922, the ‘Poppy Factory’ was established in the UK to keep costs down and employing disabled ex-Servicemen to make the poppies. Visit www.britishlegion.org.uk



ON CALL... FOR 20 YEARS

Paul Mann, Spare Parts Coordinator at Barrus, has been recognised for 20 years Long Service and Good Conduct by the Oxfordshire Fire and Rescue Service.

An Awards Ceremony took place at the Fire Service Headquarters in Kidlington, Oxfordshire. Chief Fire Officer, Dave Etheridge, presented Paul with the Queen’s Fire Service Medal.

Paul joined the Fire Service as an ‘on call’ Firefighter in 1993 based at Bicester Fire Station. He was promoted to Crew Manager 7 years ago. “Barrus continues to support the local community by allowing me to turn out for fire

calls to emergencies within the Bicester area,” comments Paul.

One of the highlights of his 20 years came during the 2012 London Olympics when Paul was part of a team providing emergency cover with a specialist appliance at the rowing venue at Eton Dorney Lakes. Paul has also recently passed a BTEC Award in Management and Leadership. Commenting on Paul’s achievement, Robert Muir, Managing Director, E. P. Barrus Ltd said, “I would like to congratulate Paul on this well-deserved award. We are all very proud of him and would like to thank him for his service to the community.”



Pictured from left to right: Chief Fire Officer, Dave Etheridge, Paul Mann, Barrus.



CUB CADET AT THE BOURNVILLE VILLAGE TRUST

When George Cadbury began building the Bournville village in 1893, he was concerned for the wellbeing of his workforce, and wanted to allow them access to green spaces, parks and recreation areas. Today, The Bournville Village Trust is responsible for the upkeep of the district, and the condition of those green open spaces is as important to the wellbeing of the residents today as it was over 120 years ago.

The home of Cadbury's Chocolate is also home to a fleet of 4 Cub Cadet Zero-Turn Tractors to keep the verges and green areas in pristine condition. "Our yellow ride-on mowers are a common sight in Bournville, where they mow between 5 km² and 15km² every day of the week", said Keith Goddard, Foreman of The Bournville Village Trust.

Keith and his team are tasked with the maintenance of greenery in residential and landscaped areas in the Birmingham suburb including the Bournville Estate. They appreciate the technical support they get from their Cub Cadet Specialist Dealer, Express Mowers in Stourbridge. Keith is full

of praise for Cub Cadet's technical partner, "Stuart Whitman's dealership and workshop have looked after us for more than five years now, ensuring our mowers are fully functional by offering excellent customer service. The Z-Force alone has clocked up 210 hours in the last 3 months so we depend on their efficient workshop to minimise time-out for maintenance."

When the grass is growing, Russell Snipe and Ian Soar each spend a few hours every day on the seat of the Z-Force S48 and Allrounder. These professionals really appreciate Cub Cadet's innovative features. "The steering wheel and zero-turn functionality of these lawn tractors make them easy to handle and manoeuvrable in tight corners." Both are impressed with the way the Allrounder, primarily designed for home use, stands up to the constant demands they place upon it, but Russell wouldn't be without his Z-Force S. "The larger petrol tank means we don't have to fill up for a couple of hours, and even wet grass is mulched without clogging up the deck. Good news for us, as we can't wait for good weather to mow!"

CUB CADET'S MOWING POWER FOR TOUGH CONDITIONS

Cub Cadet's zero-turn, ride on mower range is ideal for maintaining large areas of grass.

The Z-Force S48 is different from the conventional zero-turn models in that it is operated by an adjustable steering wheel (rather than lap bars). This makes riding the machine much easier to learn and provides excellent control on tricky manoeuvres.

The Synchro Steer Technology™ controls both the large pneumatic front wheels and the back wheels improving control and stability and enabling mowing accuracy around obstacles such as trees, fences and walls. The machine is packed with premium features including dual hydrostatic transmission and a heavy-gauge, welded steel cutting deck which ensures unsurpassed airflow, blade overlap and a superb quality of cut.

The Z-Force S 48 offers quiet operation and excellent power with Kawasaki's professional-grade V-Twin engine and peace of mind with a 3 year guarantee for domestic-use.

There are five other zero-turn models available in the range all offering the same 360° manoeuvrability.



THE REASSURANCE OF QUALITY - CUB CADET INTRODUCES 3-YEAR WARRANTY

Cub Cadet now offers a three year warranty across their entire range of lawn equipment. This is great news for both consumers and dealers and inspires confidence in the quality and longevity of Cub Cadet products.

The brand, which is sold through 200+ specialist dealers in the UK, already offers a three year warranty on the popular TRILOY walk-behind range of mowers and 1000 Series ride on mowers, and is now set to extend the current two year warranty on all other products (normal conditions apply).



"Our dealers know that they can trust Cub Cadet Products to delight their customers for many years. The manufacturer's generous new warranty serves as a hallmark for the quality of materials and workmanship of these machines. Through annual servicing, which validates the warranty, dealers have the opportunity to build customer relationships over time and to introduce the wide range of accessories available to support the functionality of our mowers." said Cub Cadet's Nick Hills, General Manager.



WOLF TAKES THE STRAIN

Whether a pleasure or a chore many of us have an area of garden to maintain so it makes sense to choose tools that will make gardening easier.

The WOLF-Garten multi-change® interchangeable garden tool system works on the concept of maintaining a straight back at all times reducing the strain placed on the knees and back.

WOLF-Garten's multi-change® tool heads and handles can tackle numerous gardening and general household tasks. Handles are available in a variety of lengths to suit differing heights and the task in hand. Just 'click' the tool head and handle together. Every tool head fits every handle so you can switch from soil cultivation to weeding to raking with ease.



A GREAT FISHING EXPERIENCE WITH QUICKSILVER

Two new Quicksilver models for 2014, the 605 and 675 complete the all-new Captur Pilothouse range which also includes the popular 640 and the recently launched 755.

The 605 Pilothouse offers real value and provides angling essentials in an affordable package. The 675 combines performance and intelligently designed cruising features for an unbeatable fishing experience. Both the 605 and 675 models have larger than average fishing cockpit areas with storage for up to 6 fishing rods and the area can easily be converted from fishing to leisure and dining.

There is 360° visibility in the cabin area, tempered glass windshields and a large, dark grey dash to minimise reflections guaranteeing plenty of light and safe navigation.

Best in class cockpit space provides easy accessibility to all areas with a large clear space to accommodate fishermen and other passengers walking around the boat.

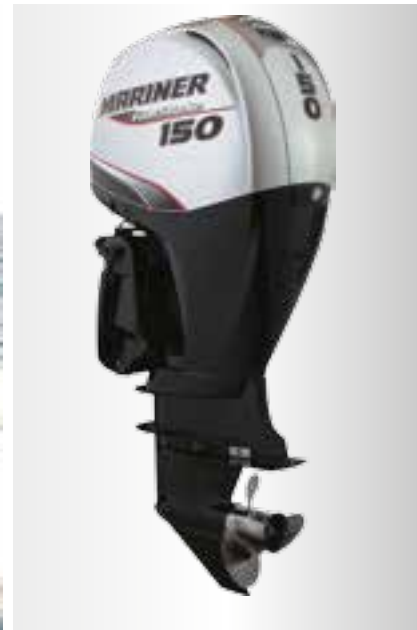
Both models are also available as **SMART** Editions, offering extra fishing features including a baitwell system, raw water wash-down and two additional rod holders plus comfort features including a cockpit table, roof hatch, berth filler and cabin curtains.

The 605 Pilothouse can take up to a 150hp engine but also demonstrates excellent performance with 115hp. The 675 can be powered with up to a 200hp engine which will allow an effortless cruising speed of 25 knots.



Captur 675 Pilothouse

Captur 605 Pilothouse



QUICKSILVER INTRODUCES LARGEST FAMILY CRUISER

Quicksilver has launched the new ACTIV 855 Cruiser, the largest, most elegant model yet built on the cornerstones of safety, comfort, style and versatility.

Designed for offshore and inshore use (CE Category B) and suitable for 10 persons, it is the ideal boat to take out to the sea, explore rivers and lakes. With the choice between a single and twin outboard engine, and various inboard engine installations, it offers all power options to meet customer preferences.

The use of cabin space has been well-thought out and you can enjoy a 360° view whatever the weather conditions. The convertible, four-position dinette has opposing and fold-away seating that can be changed into a U-lounge for entertaining.



Motor Boats Monthly magazines verdict on the new Quicksilver 855

“Quicksilver has set out to build on its reputation for practical, sensible, adaptable family cruisers that are weatherproof and foul proof, and the Activ 855 Cruiser does exactly that. As a family boat to be used and enjoyed it works extremely well, offering a broad spread of talents rather than excelling in particular areas at the expense of others. A consummate all-rounder then, with plenty to offer the cruising family.”



Activ 705



Activ 605 Sundeck



Activ 645 Cabin



CUB CADET TEAMS UP WITH LEADING RIDER

Barrus is proud to be continuing their sponsorship agreement with William Fox-Pitt, one of the most successful and popular three-day event riders ever.

Barrus has been working with William for many years to promote the company's range of garden machinery and in particular, the Cub Cadet

range. He currently uses a Cub Cadet Z-Force zero-turn ride on at his stables plus the Cub Cadet UTV. "Thanks to the team at Barrus we have got the best ride on lawn mowers and UTVs you could want. The Z-Force is incredibly efficient, covering all terrains. The finish it gives leaves our yard and gallops looking immaculate all year round. The UTV is also a vital asset and is always on the go," comments William.



NOVA FLORE BRIGHTENS UP A ROUNDABOUT

The largest roundabout in Bicester was covered in a carpet of wild flowers right through from the spring to the autumn during 2013.

Cherwell District Council had received an increasing amount of enquiries from local residents as a result of the BBC's Bees, Butterflies and Blooms programme and they asked Barrus if they would like to plant a Nova-Flore floral meadow to promote biodiversity in the local area.

The Nova-Flore 'Elegance' seed mixture chosen for the project produces a subtle, harmonious and highly coloured meadow with 26 flowering species including Bidens and Centaurea Imperialis with Scarlet Zinnias in late season.



GARDENING IN MINIATURE

A WOLF-Garten twitter follower, Michael Thomson sent us a photograph of his Lego WOLF-Garten mini ride on mower. He couldn't buy a Lego lawnmower for his mini-me gardener so he made his own!

Michael and Paula Thomson run their own gardening business, Mr & Mrs Gardens Limited. Michael still uses a WOLF-Garten hoe that his late father used for many years.



MERCURY SUPPORTS EXTREME SAILING SERIES

Sir Ben Ainslie is competing in the Extreme Sailing Series 2014 which is made up of 8 global events which started in Singapore on the 20th February.

The ESS 2014 will then proceed to Oman, China, Russia, UK, Turkey and the Mediterranean before finishing in Sydney in December.

Sir Ben Ainslie will be using a Scorpion RIB Sport 75 chase boat powered by a Mercury Verado 250hp and a Scorpion RIB VIP guest Sport 81 boat powered by a Mercury Verado 300hp throughout the series.

Visit <http://extremesailingseries.com/> for more information throughout the series.



FEARLESS RECORD BREAKING NEARLY ENDS IN DISASTER

Keith Whittle, Managing Director of Powertech Marine of Hayling Island got his new Mercury Racing dealership off to a flying start by achieving 5 speed records during the 44th Annual Coniston record week.

However, as with all great achievements Keith experienced a few obstacles along the way including issues with his racing license and records being taken away. This was nothing to what was to come on the last day of his record breaking attempts.

With poor weather forecasted it was not expected any runs would take place, however Day 1 started fine with no wind on the lake, and once the mist had lifted records week began.

On Keith's first record run he achieved a speed of 126.31mph in a Formula 2 outboard powered catamaran using a standard production Mercury 200XS SST outboard engine fitted to an ex F1 Dragon boat hull built by Dave Burgess and Jonathon Jones of Dragon Powerboats. On his second run a speed of 129.34mph was achieved and a new World Record for S2000 was set. He went on to attempt the National and World Formula 2 record which he achieved at 132.28mph. However, the team were stripped of the record when the scrutineers failed the boat on a

non-performance enhancing technicality. The team were devastated but they rallied round, re-built the engine and got back on the lake to get the records back.

Fired up and full of determination, Keith took the Formula 2 world record back at a faster time of 129.34mph. The S2000 attempt was next and this also was achieved, albeit at a slower time of 129.34mph. Not content with this, Keith decided that he would have another go and as he went through the timing gate at over 135mph the boat left the water, flipped one and a half times backwards and landed stern first upside down. Amazingly, Keith took just 20 seconds to escape from the upturned boat and swim to the rescue boat relatively uninjured. "This was certainly the hard way to break records, comments Keith. "I didn't know how frustrating and stressful it would be but at least I could rely on the Mercury 200XS SST which performed faultlessly and produced an enormous amount of torque."

Coniston, the "spiritual" home of Record breaking, since the famous names of Sir Malcolm Campbell and Donald Campbell, is the only event in the Powerboat Racing Calendar to bring together all classes of boat. Entry is open to all from tiny hydroplanes, through inshore circuit racers to the largest offshore boats. It is the grand finale to the racing season.



YANMAR HAS THE POWER IN A COMPACT PACKAGE



Pascoe International based in Southampton, has established an enviable reputation for supplying very high quality, and beautifully engineered tenders. They have chosen Yanmar engines in the past and the new SL Landau is the very latest Superyacht tender to be specified with Yanmar engines.

Incorporating hull design from Patrick Banfield and styling from Ken Freivokh Design, Pascoe has worked hard to establish the essential parameters which would result in an optimum, practical and elegant limousine tender package. Performance was tested against sea keeping qualities and range whilst tender garages from the top Superyacht builders were compared to arrive at the maximum practical proportions for the new range of 9.6 to 10.6m limousines. "Engines were assessed

not only in terms of performance, weight and size, but also in terms of worldwide service and warranties. We took the decision to install a pair of Yanmar 6BY 260hp engines as they provided the best balance of size against performance, OEM support from Barrus and worldwide support from Yanmar," comments Tom Southern, Sales Manager, Pascoe International.

Each SL is customised so that the client has the benefit of a solution with their own individual style and detail, while being secure in the knowledge that their limousine tender uses proven engineering and hull form.

The SL Landau has been selected as one of the finalists in the 2014 Tender Design Awards.

A THRILLING RIDE DOWN THE THAMES

The distinctive black and yellow, adrenaline packed Thames RIB Experience boats operating on The Thames are now powered by Yanmar engines.

Thames RIB Experience consulted their marine engineering specialists, French Marine Motors when they needed a repower solution for their existing fleet of RIBs. French Marine, an authorised sales and service dealer for Yanmar marine diesel engines recommended the newly

introduced Yanmar 8LV, V8 engines based on their impressive acceleration, low noise levels, fuel economy and smooth ride. The perfect match for repower or new boats. "The solution of swapping to Yanmar with our existing fleet and also installing the same kit on our new 2014 vessel, increases the engine size on our boats to 750hp, ensuring that we continue to give our passengers the top performing propulsion driven RIBs in Central London on the River Thames," comments Charlotte Thompson-McGlinchey, Director of Thames RIB Experience.





MERCURY DIESEL COMBINES POWER & PERFORMANCE

British boat builders Scorpion RIBs have developed the beautifully designed 98 Scorpion Selene, combining her with a Mercury TDI 4.2L, V8 370hp engine to produce a first class boat.

With over 20 years' experience Lymington based Scorpion RIBs, built the 98 Scorpion Selene by hand; as is normal practice for all of their boats, creating unique designs with quality of build. Scorpion RIBs quality in workmanship has been recently recognised through The Guild of Master Craftsmen with The Guild Membership Award, underlining the build excellence of all their boats.

The Scorpion proprietary deep V hull, ensures the 98 Scorpion Selene is prepared for rough conditions, delivering a dry and comfortable ride as well as being well equipped to offer a high level of passenger comfort.

Stewart Thornley, Sales Manager at Scorpion RIBS comments, "We needed a single engine and felt that the Mercury engine was the most suitable for the 98 Scorpion Selene. We needed an engine that would be able to power a large boat, delivering a performance of 40-45 knots, with ease. This particular Mercury engine offers optimum horsepower which marries up well with the Scorpion Selene, making it the ideal choice."

The Mercury TDI 4.2L, V8 370hp engine is a lightweight, compact new diesel engine developed by Mercury Marine delivering quality and performance on the water. Not only does the new Mercury diesel engine provide excellent

acceleration and up to 50% lower fuel consumption, but this is also the first engine of its type to be installed by a boat builder in Europe.

This Mercury engine is the most powerful engine in the new series; with added low Noise Vibration Harshness (NVH) the elegant inboard 98 Scorpion Selene merges clean diesel technology with outstanding performance and power creating an exceptional choice for its first leisure application in the UK.



GREAT VALUE GARDENING GIFTS

Garden tools make the perfect gift for green fingered gardeners but they are not the easiest things to wrap!

Wilkinson Sword has put together a selection of their most popular garden tools and presented them in attractive, box sets. Twin packs including bypass and anvil pruners and the stainless steel trowel & fork set are essential garden tools and they represent excellent value for money at £24.99 each. The deluxe bypass pruner comes in its own pack at just £14.99. The boxed sets are available from all leading garden centres and online at www.wilkinsonsword-tools.co.uk.



GIMA AWARD FOR WILKINSON SWORD RAZORCUT PRO PRUNERS



Wilkinson Sword's RazorCut Comfort pruners scooped the top prize in the GIMA awards in the Garden Tools, Machinery and Implements category. The RazorCut Comfort range features four options including medium and large bypass, anvil and pruning snips. Each pruner is lightweight and extra strong and has a convenient 'squeeze me' opening mechanism. The RazorCut Comfort range has been very popular in-store along with the professional RazorCut Pro range.



CUB CADET UTV JOINS FIRE SERVICE

Lincolnshire Fire & Rescue has revamped one of Cub Cadet's utility vehicles to match their fleet of red fire trucks.

The Cub Cadet UTV is a great asset to the Fire and Rescue service and is in daily use around the Waddington Training Site. The site is an essential resource in supporting the Fire Service by providing complex training to the Fire and Rescue services, as well as to other organisations. With around 900 fire fighters and fire staff, Lincolnshire Fire and Rescue needs much support and the introduction of the Cub Cadet UTV has greatly aided this.



GO-KART LAWN TRACTOR

There could be a rather different line-up on the grid at the East Midland's leading kart circuit following the delivery of their second ride-on lawnmower.

The P F International Kart Circuit at Brandon near Grantham in Lincolnshire now has two Cub Cadet All-Rounders. The two machines were supplied by Lawnmower Service (Lincoln) Ltd and will keep the trackside grass at the 1500 metre circuit growing in good condition.



YANMAR PROVIDES THE POWER FOR CTRUK'S THOR PROJECT

The Special Projects Team at Barrus is pleased to be involved with CTruk's THOR (Twin Hulled Offshore Raider) project, a new multi-role force protection craft.

Barrus has supplied twin Yanmar 8LV, 4.46 litre, 370hp (272kW) marine diesel inboard engines to power this impressive and innovative craft. In the Yanmar tradition of high power from low weight, the dry engine weight is just 435kg without the gear box. Additional benefits of this engine include exceptionally low noise levels, reduced vibration, and ease of installation and servicing. The Special Projects Team has also provided full engineering support including additional 24v alternators to power the control system of the Rolls-Royce Jet Drives and a modified water pump mounting position for improved accessibility.

CTruk's Military and Security Team and their Military Design Advisory Panel (MDAP) are responsible for THOR. The 11m, multi-role vessel has been

designed to fulfil a number of roles, including force protection of the amphibious sea lanes, casualty extraction from a beach, carrying and deploying a pre-landing force, riverine patrol, protection of harbours and offshore installations, unmanned surface vessel operations (for protection and mine countermeasures) and disaster relief.

THOR is a high-speed vessel suitable for sustained operations over long distances and time periods. "Our long, and successful relationship with the UK MOD, was a key factor in our selection by CTruk to work on the THOR project. The Yanmar 8LV also offers the highest power to weight ratio in its class contributing to CTruk's design requirement to reduce the overall vessel weight resulting in greater payload, range and speed, commented Mark Coleman, General Manager Special Products and R&D Divisions, E. P. Barrus Ltd.





MARINER CHOSEN FOR WATER AND FLOOD RESCUE TRAINING

Barrus is working in partnership with R3 Safety and Rescue Ltd who is set to become one of the UK's leading water and technical rescue training providers.

R3 courses carry international certification from Rescue 3, one of the world's largest technical rescue training organisations. Rescue 3 courses are compliant with relevant competencies and standards for rescue agencies and technicians as laid down by organisations such as the UK Chief Fire Officers Association/Defra Flood Rescue National Enhancement Project and the National Fire Protection Association (NFPA). The courses have been carefully designed to meet the training and development needs of the safety and technical rescue sectors, focusing primarily on water, rope and inland boat rescue.

Barrus recently took part in R3's National Resilience Assurance Team (NRAT) Flood SMA Event where over 20 Fire Services took part in swift water demonstrations at Tees Barrage International Whitewater Centre, Middlesbrough. This purpose-built facility compliments the natural river venues of North Wales and guarantees swift water conditions at all times. Barrus supplied a Zodiac FC 470 inflatable boat fitted with a Mariner 50hp outboard engine and a Mariner 30hp, which R3 fitted to an Arancia boat.

Paul O'Sullivan, Managing Director, R3 Safety & Rescue Ltd comments, "The engines were great and I think we were able to highlight the effectiveness of the FC 470/Mariner 50/prop guard and the Arancia/Mariner 30/prop guard combinations. We operated both boats for two days doing more runs up and down the course than anyone else, including night runs. The only boat able to make it up the channel carrying 6 people on board was the FC 470/Mariner 50/ prop guard set up," Paul concluded.

Barrus has demonstrated and supplied a number of engines in the past but they will be sponsoring a Mariner 30hp and a Mariner 50hp outboard engine for R3's two demonstration boats.



Photograph supplied with kind permission of Oxfordshire Fire & Rescue during the recent flooding in Oxfordshire.



MARINER TO THE RESCUE

The devastating floods experienced at the beginning of the year has kept the Fire and Rescue Services water rescue teams around the UK extremely busy dealing with the effects of storm damage and providing support to local communities stranded on floodwater.

Mariner outboard engines have been at the forefront of these vital services providing reliable power for the water rescue team's inflatable craft. Barrus is now working with over 45 Fire and Rescue Services around the UK supplying Mariner 2-stroke outboard engines from 25 to 40hp and other equipment including water rescue pumps.

The first Fire and Rescue Service to use Mariner outboards was London City

Fire and Rescue who approached Barrus over ten years ago. As part of a joint proposal, Barrus supplied Mariner 25hp engines to power Avon Inflatables' rescue craft. Building on this success, Barrus has now developed relationships with the majority of the UK's Fire and Rescue Services working in partnership with leading boat builders.

Buckinghamshire Fire and Rescue Service has recently upgraded their rescue craft to Avon FC470, 4.7m military specification inflatables fitted with Mariner 40hp outboards. One boat will be based in Beaconsfield covering the Thames and the other will be at Newport Pagnell operating in the Milton Keynes area.

NEW SHIRE WORKBOAT ENGINE RANGE FROM BARRUS

Barrus has extended its range of Shire workboat engines offering the commercial user an even greater choice of options.

Designed specifically for the commercial workboat market, this range of heat exchanger cooled, marine diesel propulsion engines, has a line-up of 7 engines with a power range of 20BHP, 30BHP, 40BHP, 50BHP, 70BHP, 85BHP and 130BHP.

All the Shire workboat engines are based on Yanmar and John Deere marine diesel engine blocks, renowned for their rugged reliability and durability.

There are a number of optional accessories available including

electric start, gearbox upgrades and complete hydraulic packages. With the added benefit of longer service intervals than many other engine brands, the Shire range represents outstanding value for money.



VERSATILE, POCKET HAND TOOLS!



The new MultiTools from Wilkinson Sword feature a multitude of functions and offer a handy tool kit for your pocket!

The Garden MultiTool, which is about the same size as a pair of secateurs, is just one model from a range of four different options which includes the MultiTool Pro, the MultiTool Sport and the MultiTool Mini. With 14 functions packed into one, the Garden MultiTool has a black anodised aluminium and stainless steel construction, and includes a pruner, knife and saw, all of which come in handy for keeping plants and flowers in check. Its star and flathead screwdrivers, spanner, bradawl and ruler are ideal for tackling DIY and repair jobs in and around the garden. Plus the off-duty gardener can benefit from the nail file, bottle and can opener. This essential tool is compact at only 10cm in length and folds up so it can be safely kept in its handy storage pouch.

The range also includes:

MultiTool Pro

Made from polished stainless steel with 11 functions



MultiTool Sport

13 functions in just one tool



MultiTool Mini

Small but mighty, 7cm in length and 11 functions



AFFORDABLE GARDEN TOOLS FROM A NAME YOU CAN TRUST

Wilkinson Sword has a brand new range of Carbon Steel Garden Tools offering gardeners high quality at an affordable price.

This collection of 13 lawn and hand tools feature ash handles with soft grips and durable carbon steel tool heads. Digging, weeding and collecting debris is taken care of with Digging and Border Spades and Forks, a Dutch Hoe and Garden Rake. The Lawn Rake will collect leaves and debris and can also be used to scarify the lawn by scratching out thatch and dead moss and the Edging Knife will keep lawn edges neat and tidy. The Hand Tool range features five useful shed staples ideal for gardening in tight areas including a Trowel and Fork, a Planting Trowel, a Weed Grubber and a Patio Scraper.



WOLF-GARTEN REACHES PARTS OTHER TOOLS CAN'T



Severn Trent Water has swapped its bespoke cleaning and maintenance tools for WOLF-Garten's popular interchangeable tool system, enabling the company to help improve its employees' working practices.

The water company previously used tools that had been made or customised by maintenance engineers themselves. These tools proved to be difficult to work with and tricky to replace. The team recently switched to WOLF-Garten's multi-change® range which features a number of cleaning tool heads and interchangeable handles of varying lengths. Severn Trent's maintenance team found the new lightweight tools easy to use, comfortable and the 400cm telescopic handle particularly helpful.

Health and safety standards have also improved since the introduction of the tools because WOLF-Garten Tools can be cleaned thoroughly. Richard McGinley at Severn Trent Water, said, "The tools that operators previously used were effective for difficult tasks but in some cases the handles were too short making some jobs very difficult. My team and I are delighted with the results that WOLF-Garten's tools have enabled us to achieve. We have also found the tools to be more cost-efficient, from initial investment to the cost of storage. They can also be cleaned sufficiently, unlike the bespoke tools WOLF-Garten Tools are replacing."



WOLF-Garten's multi-change® range comprises a selection of 14 handles of different lengths (to suit your height and the task at hand) and over 60 tool heads to cater for any type of domestic and commercial task.

Anglian Water is also reaping the benefits of WOLF-Garten's multi-change® tool range having invested in the Yard Broom, Soil Raker and Grubber.



LAWNFLITE FOR A PROFESSIONAL FINISH

The new LawnflitePro 553HRS-PROHS Roller Lawn Mower built with a Honda Professional quality engine delivers a high quality of cut with an improved 13% faster ground speed.

The self-propelled rotary mower features an all steel rear roller, which smoothly and easily mows your lawn whilst giving your garden the desired 'Traditional British Stripe'.

The deck is made of heavy duty, high quality alloy ensuring longevity of the machine due to its rust proof nature. The new 2014 model also features strengthened handle brackets.

The 553HRS-PROHS has a cutting width of 21"/53cm and also features a front bumper bar and a deck liner for extra protection.





YANMAR CHOSEN FOR BELLE'S NEXT GENERATION PRODUCTS

Yanmar industrial diesel engines have been chosen by the Belle Group to power two of their new compaction machines.

Belle, an established manufacturer of light equipment for the building and construction markets, based in Derbyshire, has launched the new machines in an effort to reinforce the company's position as 'No.1 for Light Construction Equipment'.

The TDX 650 is a brand new Twin-Drum Pedestrian Roller with a Hydrostatic Drive system. This machine has a high compaction force resulting in increased levels of productivity and is suitable for a wide range of sub-base and asphalt compaction applications. Power is provided by a reliable, 10hp Yanmar L100N diesel engine with electric start and features a recoil start back-up system to prevent the loss of rental in the event of the battery going flat.

A single cylinder, air-cooled, 4.7hp Yanmar L48 diesel engine is fitted to the feature-rich RTX 80D Diesel Rammer. Powerful compaction levels can be achieved with this machine whilst maintaining a low level of hand-arm vibration for longer safer usage by the operator. This formidable Rammer



has been manufactured with ease of servicing and maintenance in mind, key attributes of the Yanmar L-Series range.

"We have a long association with the Belle Group previously supplying Yanmar engines for their cement mixers and vibration plates," comments John Day, General Manager, Industrial Division, E. P. Barrus Ltd. Yanmar engines offer OEMs and end users many advantages, not just in terms of performance and reliability but they have the added benefit of easy maintenance and servicing plus the reassurance of a three-year warranty."



LONCIN GOES FROM STRENGTH TO STRENGTH

There are a number of new Loncin products for 2014 including the AS Series petrol generators, the innovative synchronising inverter generators and heavy-duty pressure washers.

Loncin Generators

The new AS Series, open frame petrol generators have been designed to improve performance, durability and aesthetics and consists of six models from 2.0kW to 7.0kW. Quality of build has been improved with a more robust machine frame and features including flush fitting sockets have been incorporated to protect against damage in operation.

The LC2000i-S synchronising inverter generators from Loncin allow two inverter generators to be used together where there is a requirement for additional power. Parallel cables are used to connect two Loncin LC2000-i inverter generators and once they are both powered up each will compensate depending on the load requirement. Fitted with a Loncin engine, the LC2000-i has a rated voltage at 230v and a 2.1/16 kW rated output. These fuel efficient, high power machines have low fuel consumption keeping operating costs to a minimum. Inverter generators are also very low noise and can be carried by one person. They are

environmentally-friendly with reduced emissions and they have the added benefit of sine wave technology allowing the user to power sensitive equipment. They are ideal for the commercial, industrial, domestic and leisure sectors.

Loncin Pressure Washers

New to the range are two Loncin petrol engine powered cold water pressure washers. Trolley mounted, these portable, high-pressure washers are suitable for heavy-duty industrial applications. Detergent application facility comes as standard and the lance is connected to a high pressure hose capable of pumping 10.5 litres/minute.



Loncin Pressure Washers



Loncin AS Series Generators



Loncin LC2000i-S Synchronising Inverter Generators

POWERING SITE EQUIPMENT TO RACE KARTS!

The Loncin engine series offers a cost effective option for the repower market. Many customers are now choosing to extend the life of their existing equipment by refurbishing machines and replacing the old engine offering significant savings against the purchase of a new machine.

Loncin engines are being used to repower a wide range of machines from concrete mixers and concrete finishing equipment to compaction machines,

high pressure jetting machines, lawnmowers to race and off-road karts. Biz Karts, the largest manufacturer of karts in the UK, has chosen Loncin engines to power their rental karts, race karts, off-road karts and karts designed for the US market. The Biz Kart machines are renowned for their high levels of durability, quality and notably their handling characteristics. Chris Smith from Biz Kart comments, "We see the Loncin product as a quality, low-priced alternative to the Honda engines that we have been using over the past 20-years. The back-up, service and support that Barrus offer was certainly a key contributing factor when considering the Loncin range."



Example of a repowered mixer



LAWN MOWING MADE EASY

Cub Cadet Dealer Turney Groundforce in Oxfordshire recently installed its first Cub Cadet Robotic Mower; as UK gardeners discover the delight of gardening remotely.

Speaking about the installation, David Hoad, from Turney GM, said, "Our customer loves new technology, he already has robotic vacuums keeping his home clean and is looking forward to enjoying the new Cub Cadet Robotic Mower keeping the lawn in check."

The popularity of robotic mowers in Europe is well established, while UK gardeners are just beginning to see the advantages of automatic mowing. Installation is quick and involves setting the perimeter wire which the mower is programmed to work within, and charging the device. That's it! "Our customer is very pleased with the performance of his new Cub Cadet; it cuts right up to the edge of the lawn and has robust blades that cope with fallen twigs from overhanging trees," added David. "When rain interrupts work, the mower returns to the charging station until conditions are suitable to resume cutting the grass."



Pictured left to right- David Hoad, Turney GM and a very satisfied Cub Cadet owner.



CUB CADET IN THE PINK

The owner of a Wokingham-based garden maintenance firm is putting the fun back in to gardening with her new pink Cub Cadet mower purchased from her local dealer, Mowers and More.

Debbie Smith who runs Debbie's Gardening, needed a lawn tractor that would be suitable for heavy duty applications, particularly for her work at large retirement homes and estates. The Cub Cadet 1018 KHN lawn tractor ticked all the boxes for Debbie's requirements but she decided to get it re-sprayed for added appeal.

"I wanted my new mower to have a fun element. With the help of Mowers and More I now have my dream lawn mower which really is one of a kind and is drawing a lot of attention. It is a very practical mower for my business with fantastic features but the fact that it is pink gives it the extra wow factor!" said Debbie. Joshua Longland from Mowers and More, commented, "Debbie is a very happy customer, she will be enjoying her new mower for many years to come and will certainly be turning heads."



KEEP IN TOUCH!

For regular product information and useful advice and tips why don't you follow us on Facebook and Twitter? Watch out for promotions and competitions throughout the year.



Barrus Show Planner 2014

Come and see us at the many shows and exhibitions we attend throughout the year. Check out the Events Calendar at www.barrus.co.uk and Facebook and Twitter for up-to-date information on forthcoming events.



Edible Garden Show
Alexandra Palace,
London
28th - 30th March



Crick Boat Show
Crick,
Northampton
24th - 26th May



BBC Gardeners World Live
NEC,
Birmingham
12th - 16th June



Seawork
Canary Islands Fruit Terminal,
Southampton
10th - 12th June



Hillhead
Hillhead Quarry,
Buxton
24th - 26th June



RHS Hampton Court Flower Show
Hampton Court Palace,
Surrey
8th - 15th July



CLA Gamefair
Blenheim Palace,
Oxfordshire
18th - 20th July



RHS Flower Show Tatton Park
Tatton Park,
Cheshire
18th - 22nd July



2 - 4 September 2014
Royal Windsor Racecourse
IOG Saltex
Windsor Racecourse,
Berkshire
2nd - 4th September



Southampton Boat Show
Mayflower Park,
Southampton
12th - 21st September



Glee
NEC,
Birmingham
14th - 16th September



Grand Designs Live
NEC,
Birmingham
3rd - 5th October



The Showman's Show
Newbury Showground,
Newbury
22nd - 23rd October

We look
forward
to seeing you.

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Certification



Should you require further information on any of the items featured in this issue of The Innovator, please contact Karen Clarke.

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