

Falcon News

Keeping you in touch with all things BRUSH

Issue 06 August 2011

Welcome

everyone to the Summer Edition of the 'Falcon News'.

For those who attended the Family Fun Day on Sunday 3rd July 2011, I hope you enjoyed the day as much as I did and once again I would like to take this opportunity, to thank those involved in the day, as your efforts enabled the day to be a success. You can catch up on the day on page 5 of this newsletter.

Other news; back in June we hosted an Energy Industry investors and analysts visit on Thursday 16th June 2011 which included a tour of the BEM Site to which they gave excellent

feedback; what they said was 'an interesting and informative visit'. Again, I would like to thank everyone involved with the visit, as your efforts enabled the day to be a success. News of the barbeque that was promised in the Easter Edition of the newsletter if we managed to hit our half year forecast. Well we didn't manage to hit our profit for the first half of the year so we won't be "cranking up" the barby just yet!

Demand for our products in 2012 is looking exceptional with an increase of close to 30% above 2011. So we will need to continue our hard work to make this a reality. Hope you all have a great summer and let our success continue..... Thank you all.

Wayne Pearson, Managing Director.

Brush celebrate the 50th Generator for Pratt & Whitney MobilePac



July saw the 50th BDAX 62-170ER Generator completing manufacture at the Loughborough site.

Its destination is Algeria where it will link up to form a MobilePac for P&W, a self contained gas turbine generator the size of two rail cars measuring 25 x 60 foot and will be powered by P&W FT8 engine a variant of the JT8D family of engines which power 727,737 and DC9 aircrafts.

The FT8 MobilePac can generate up to 25 megawatts of electricity enough to power 20,000 homes and can run on natural gas, diesel or aircraft fuel. The current model introduced in 2004, consists of a control unit and a Brush generation unit that contain the engine. The mobile units can be moved over the roads and be producing electricity in as little as 24 hours.

So far every MobilePac with a Brush generator produced has been exported to customers including Venezuela, Norway, Argentina,

France, Spain and Russia. The first generation MobilePac units were built using an FT4 jet engine in the early 1970s and had different generators to Brush hence the difference in numbering system between Brush and P&W.

Andrew Rick Brush project manager for P&W had this to say about the 50th unit. "We are proud indeed to work with Pratt & Whitney on what has become a very successful solution for the provision of "mobile" generating capacity. These units are used in situations where power generation capacity is required urgently or on a temporary basis.

Their success in this market place has meant that the BDAX 62-170 generator is one of the most common generator frames under construction in the Brush Loughborough workshops.

We wish Pratt & Whitney continued success in the future with this world class engineering solution.

What's Inside?

News and Announcements 02

Brave Jack Simmons 02

Talk Back..... 03

Richard's marathon run 03

Tea break quiz 03

In Focus..... 04

Generators to Japan 04

BRUSH around the globe .. 05

BRUSH open day..... 05

A BRUSH with the past! ... 06

Boscastle Bogie..... 06

Quorn Falcons under 10's ... 07

Showing Off! 07

Sam Gent trials report 07

Endurance go karting. 08

Puzzle corner..... 08

Quiz solutions..... 08

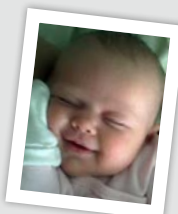


Your news and announcements

Births

Martin's 1st born

Congratulations to Martin O'Shea (stator coils) on the birth of his first born daughter Lacey-Mae O'Shea. Lacey-Mae came into this world at 9:05am on the 9th April weighing in at 7lb 1oz mum Kerri and Lacey-Mae are both doing well.



Baby boy for Dave

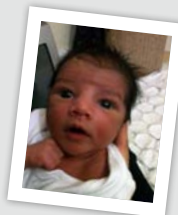
Congratulation to Dave Keightley and Grandad Spanner on the birth of Dave's first child. Noah Michael Keightley. Noah was born on April Fool's Day (1st April) at Leicester General weighing in at 6lbs 11oz mother and son are both doing well and little Noah is sleeping



well at night Dave is pleased to say.

Another Boy! for Imran

Congratulations to Imran Ibrahim (Aftermarket) on the birth of his son Adam Ibrahim. Adam was born on Tuesday 21st June at 1.35pm and weighed in at 6lbs exactly Imran said "After spending half a day in the hospital, the time has truly paid off from witnessing the birth of our son" Mother and baby are doing very well.



Grandads section

I have had loads of requests to include grandchildren in this section so space permitting I will include photos and brief details of grandchildren in future editions. The three below are all from the Rotor winding section.

Mick Moore's grandson Tyler Michael Moore. Born 2nd May weighed in at 6lbs 13oz



Ken Shaw's grandson Ronnie Shaw Born 29th June weighed in at 6lbs 15oz

Ged Shaw's granddaughter and grandson (twins) Sofia and Shaun Born 29th June weighed in at 5lbs ½ oz and 4lbs 5oz



Weddings

Congratulations to Liz

Warm congratulations to Liz Ewen who married Andy Harber at Holy Trinity church in Gloucester on Friday 6th May.

Liz would like to thank all her friends and colleagues at Brush for their gifts, cards and well wishes.



Jack loses his brave battle against Leukaemia

It is with sad regret that we report the death of Jack Simmons who was an apprentice with BRUSH. Jack lost his brave fight with Leukaemia on 17th June 2011. Jack was a very popular, well-liked employee with a positive 'can do' attitude. He will be sadly missed by everyone, especially those he worked with on the apprenticeship scheme.

Dave Commons Apprenticeship Scheme Manager, had this to say about Jack: "It is very sad when anyone dies, but when a life has been taken away from someone in such young tender years, it always feels much worse.

We will never know where the potential that Jack had would have led him, both in life and work. Jack impressed me from day one in the interview room and I am certain that he would have made a very dedicated engineer. I am sure he would have had a long future at BRUSH, given the chance. Sadly this was not to be.

Jack's parents should be very proud of the son they brought up.

He was always smiling, pleasant, enthusiastic, dedicated and reliable. When Jack made a friend, he became a true friend.

His apprentice year group and I all attended his funeral which was both a sad and uplifting occasion; it was a fitting tribute to his very short, but full life.

You will be sadly missed Jack." All our thoughts are with Jack's family at this sad time.



Talkback: Have your say

“ Hello and welcome to issue six of our in house magazine, it only seems like yesterday since we sat down to plan the first issue and thanks to all your contributions we are going from strength to strength. Our aim from the start was to produce something that would inspire, inform and entertain all our employees and something you would be proud to take home to your families.

The Family Fun Day is behind us now and I am sure you will agree it was a great success and our thanks go to all the committee who put in a lot of time to make it the success it was with approximately 3000 visitors. I hope you enjoy the centre fold article along with some of the pictures taken on the day. The prize draw winner of the Ipod Touch was won by Divya Rathod at the time of print we are still trying to ascertain her relationship to the company her prize has been posted out to her but all we know is that she lives in the Birmingham area, If you know her or are related to her please get in touch just to put our mind at rest?



The Easter Colouring competition was a success and as usual we got nearly 50 entries we have never managed to get past the 50 stage so I am wondering if it's the same 50 people who enter every time? The three winners who received some lovely Easter eggs were 0-4 Emily Smith (age 4) whose grandad John Wesson works in BEM Test. 5-10 group – Samah Begum-Faisal (age 5) whose mum Hafsa Begum-Faisal works in Procurement.

And finally 11-16 group – Rebekka Johnson (age 16) whose Dad Kevin Johnson works in Brush Turbogenerators Sales Office all other entries received a small Easter egg. This issue's competition is based around summer holidays and there will be some great Pizza Hut vouchers up for grabs so let's see if we can break the 50 barrier?



And finally this issue is delayed slightly to accommodate the open day photos, so the next issue will be out end of September so deadline for entries will be 14 September 2011

I hope you all have a lovely summer break!

Above: Emily Smith and her Grandad John Wesson.
Right: Samah Begum-Faisal.

Derek Adams, Editor



Tea Break trivia Quiz

For fun only...

- 1 Which island group includes Ibiza, Menorca and Majorca?
- 2 In which county is the historic Bluebell Railway to be found?
- 3 In which Irish county is Malin Head, the most northerly point of the Irish mainland?
- 4 What alternative name is given to the River Thames as it passes through Oxford?
- 5 In which country are the Angel Falls, the world's highest waterfall?
- 6 Which is the smallest and southernmost region of mainland Portugal, known primarily for tourism?
- 7 In terms of population and actual city size, what is France's second largest city?
- 8 In which city are the Petronas Towers, formerly the world's highest building?
- 9 What is a large farm or ranch called in Spanish-speaking countries?
- 10 Which English city has more than 100 miles of canal?

For answers go to the back page.



Richard Runs the London Marathon

Sunday 17th April 2011 is a day that Richard won't forget in a hurry, after 12 months of intensive training Richard completed a life long ambition of completing the London marathon.

Richard Burford who is a senior engineer with the company completed the course in 4 hours 1 minute 52 seconds Richard said "The weather was 25°C and sunny, many runners were collapsing around me. The famous hitting the "brick wall", was around the 17 mile stage. There were people sitting outside the pub in the sun and I was gagging for an extra cold pint. The highlight for me was crossing London Bridge, which was an eye opener as I had seen it so many times on TV in previous years. The worst part was crossing the finish line with someone dressed up as a beer bottle." Richard raised £1800 for Sense, which is charity for deaf and blind people. About 350 people ran for this charity, and he would like to thank all his friends and colleagues for the generous sponsorship they gave him.

In Focus:



Bob Anderton

I retired in July after completing 34 years service with Brush, the majority of which was spent under the auspices of the Sales & Commercial Department.

After leaving school I launched my career with MANWEB commencing with a student apprenticeship during which I gained a HND in Electrical & Electronic Engineering, followed by 4 years with a small electrical contractor before joining Brush on 9th May 1977.

My first appointment with Brush was working as a Contracts Engineer in the Motor Group with responsibility for managing orders from a variety of customers. I'm sure some of you will remember that at that time manufacture of electric motors was a thriving part of our business and we had a substantial customer base consisting mainly of pump and compressor manufacturers where we supplied a variety of motors and variable speed drives for use in industrial, marine and petrochemical applications. We also supplied a large number of flameproof motors for use in the coal mining industry, to both OEM's and direct to British Coal as well as for other mines outside of the UK. I progressed through various roles within the Sales & Commercial Department to my current position as Commercial Manager with responsibility for project management. For the last few years since responsibility for Sales & Tendering moved to BTD, the reporting lines for project management became part of factory operations. Whilst I have seen countless changes and improvements to our products, services and working environment over my 34 years

with Brush (never more so than in the last few years) I think that the most significant influence for project management activities has been the gradual development and implementation of IT based office automation facilities. It's hard to understand how we survived in 1977 without PC's, electronic communications or mobile phones, however, on the plus side, we did have some 'quality time' at the start of each day before the post arrived!

During a brief spell in the early eighties I had responsibility for motor tenders and it was during this period that I gained experience negotiating customer contract terms and conditions, an aspect which soon escalated to become a significant part of my career. Whilst my main responsibility was for project management activities, I have always had a significant involvement in providing a service to Sales & Tendering by assisting with the review of conditions of contract received with enquiries. This activity covered the provision of commentaries on customer conditions of contract and assisting with customer negotiations to reach mutual agreement whilst limiting Brush contractual liabilities to acceptable levels. Resource for providing this service is now available within Sales & Tendering.

Whilst I have thoroughly enjoyed my time at Brush I am now looking forward to retirement which will give me the opportunity to spend more time with my family and pursue new hobbies and interests. I chose a photo that was recently taken of me with my grandson Thomas who is 20 months old, he loves to kick a football whenever he can and when you're summoned to join him (by being pulled by the hand) he won't take no for an answer!

I have no doubt that like so many others before me, I will soon be wondering how I ever had time to go to work.

Brush Generators delivered to Japan

Of the three smaller BDAX62-170 units, one was complete, packed for sea freight and in storage in Loughborough UK. The other two were still in manufacture, due for completion in May 2011.

It was agreed that a representative from the specialist freight aircraft operator would visit BRUSH in Loughborough to view similar generator units in production and make recommendations for additional handling equipment to enable these machines to be transported via an Antonov freight aircraft.

The movements were co-ordinated between BRUSH, Rock-It Cargo and Sound Moves (UK) Ltd. BRUSH put together arrangements to ensure that the necessary work was completed in just three weeks, coordinating activities across engineering and production areas within BRUSH.

The project also involved BRUSH Aftermarket engineers working at both East Midlands

Airport, UK and Bremerhaven, Germany overseeing the handling of the generators and in the case of the larger machines, removing the original packaging at the storage warehouse in Germany. All five machines were successfully air freighted during the last week of May, the very last machine being loaded onto the Antonov aircraft on Saturday 28 May, less than 24 hours after completion and despatch from the BRUSH UK factory.

Following completion of the final airlift, Mr Martin Corr of Sound Moves (UK) Ltd sent the following message to BRUSH:-

"I must say that the commitment and support from every department within BRUSH to get this mission completed went way beyond the call of duty. The can do attitude was a real breath of fresh air. mission accomplished....."

The generators will provide electricity in the cities of Yokosuka and Hitachinaka.



At the end of April 2011 BRUSH were notified by Pratt & Whitney Power Systems that FT8 Aero engine driven BDAX72-290 generator sets and BDAX62-170 generator sets had been acquired by APR Energy LLC to assist with the relief effort in Japan following the earthquake and tsunami.

Two half SWIFTPAC and three MOBILEPAC units were to be rush delivered to APR Energy who were recently awarded a contract to supply the Tokyo Electric Power Company with temporary power solutions.

The two larger BRUSH BDAX72-290 generator units were complete and packed for sea freight and held in storage in Bremerhaven, Germany.

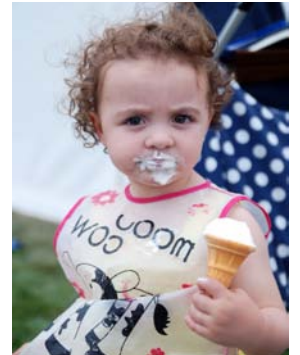
Brush family fun day



Brush Loughborough opened their doors on Sunday 3rd July 2011 to the friends and families of all current employees and recently retired employees, allowing them to proudly show off their place of work. All visitors had the opportunity to explore our world class production facilities and see the exciting range of products, as well as equipment demonstrations.

The family fun day was held to celebrate 122 years of manufacturing quality products on the Loughborough site and to say a big thank you to all the employees whose skills and dedication have kept Brush at the forefront of the electrical manufacturing industry and have made Brush the largest independent manufacturer of turbine driven generators in the world.

The doors opened at 10am and BBC Radio Leicester were on site broadcasting a live edition of "Tony Takes off". Managing Director, Wayne Pearson said during an interview with Tony Wadsworth that the Brush Loughborough business was doing well and continued growth was expected during the next year. Lorna Carlin from HR department and apprentice Sam Gent were also interviewed and promoted the Apprentice scheme. George Toms, a retired long serving employee, also spoke about the long history of Brush in Loughborough and introduced the history display which had been especially assembled for the day.



The event was organised by a committee of volunteers across the Company and the 40 or so volunteers donated their salaries to charity. The chosen charities that will benefit are; LOROS (hospice care for Leicestershire & Rutland), Rainbows (hospice for children and young people) and Pancreatic Cancer UK.

There were a number of attractions including a Falconry Display, Vintage Scooter Display, Bouncy Castle, Sumo Stage and Face Painting. Brush also sponsor outside local organisations and as a result the "Quorn Falcons" junior football team gave a soccer skills display and Olympic hopeful, Sophie Casson, who is an open water swimmer, was also available to talk to children about becoming an athlete. Local bands appeared on a sound stage and there was free catering facilities for visitors.



BRUSH around the globe

Derek King – 25 Years with Brush – Houston, Texas USA

In addition to the Long Service Awards presented in Loughborough recently, there has been a major milestone achieved by Derek King in Houston. Derek has completed 25 years with Brush this spring. Derek started at Brush when we were part of Hawker Siddeley in March 1985 and has headed up the Houston office succeeding Malcolm Stonehouse in 2004. He provides an anchor for Brush with our key customers GE Aero Energy Products and Pratt & Whitney and is currently our Sales Manager covering several key customers in Energy City (Houston) as well as developing new customers and accounts.



Derek with his wife Ann

The Houston office, Americas Staff, some customer guests, Ann King, Tony Fogwill and Ben Milam were present to make this an event to remember. Tony presented Derek with his gift (a Hamilton watch) which Derek wore with a big smile. The two have worked together for 25 years so you can be sure there were many war stories and jokes to consume the afternoon. We want to especially thank Derek for his tenacity over the last 25 years and his drive to make Brush an easily recognizable institution in the Americas. He has done a fine job and we only hope that the surprise Long Service Award presentation was as much fun for him as it was for the rest of us.



Boscastle Bogie

The Employee Engagement Committee were approached by Rod Billson a senior designer in the drawing office to see if we could help in getting some machining work carried out on the bogie frame of locomotive 34039 Boscastle.

The management team responded promptly and favourably and within no time the bogie was in 34 shop undergoing machining. " This is a key part of a long overhaul process. In the course of which we have rectified distortion which seems to have occurred in a rough shunt during the engine's working life" said Rod.

Great Central's contractor Andy Morgan was intent on getting things right this time around, and said "The work which Brush has done is far more accurate than anything we could have achieved with Great Central's equipment, which is not designed to handle a component of this size".

James Tawse the company secretary of Boscastle Locomotive Ltd had this to say about the locomotive "Boscastle represent a class of fine handsome locomotives, and is the only express passenger engine currently resident on the Great Central Railway. It was also the first engine to arrive on the railway back in 1973, as an expression of confidence in the nascent scheme to buy the line from British Rail. Apart from a couple of visits to other railways following a 20-year restoration from scrap yard condition, Boscastle has stayed at the Great Central ever since, and so may truly be regarded as a Loughborough engine".

If the Great Central's ambition to link its southern and northern halves together come to fruition, Boscastle may yet be seen striding past the Brush works at the head of a main line charter train.

If you would like to follow the progress of the overhaul its website is www.boscastleloco.co.uk

A BRUSH with the past!

Whilst sorting items for the family fun day I came across a 1963 200th edition of the Brush Broadside I found this article on the typing pool and their new equipment. How times have changed in the last 48 years I hope you enjoy reading it as much as I did!

BEHIND THE SCENES



Our picture shows the typing pool staff operating their newly installed dictaphone equipment. The equipment has enabled the department to increase their speed and efficiency of service to members of the Sales Division. Basically, the installation consists of two tape recorders, one mounted above the other for each girl. Dictation is recorded on one machine by automatic telephone contact whilst the other one is replaying thereby ensuring maximum availability of dictation facilities to our commercial departments.



Quorn Falcons under 10's



What a year it has been for the Brush sponsored Quorn Falcons with the team successfully winning division 7 of the Leicester and District Mutual League by five clear points resulting in receiving some impressive silverware and then the slight upheaval of a pre-season move from Barrow Town football club to pastures new at Quorn Junior FC.

Since moving to Quorn the team have improved a great deal and welcomed new

signings: Chris Sharp ,Harley Brown, Dominic Woolley and Luke Nuttall who between them in the few friendly games they have featured have scored over 60 goals!!!

The team still includes the old favourites of : Ben "Psycho" Marshall, Ethan O'Shea, George Wiltshire (Captain), Jack Noon, Joseph Evenden, Eoin Brockbank and Max Butters, the Falcons have had some great results during pre-season games beating Loughborough Dynamo 23-0, Hinckley Blues 9-1, while also beating strong teams like Highfield Rangers 6-5.

The Falcons much talked about style of football and success has lead to a huge influx of new players which has enabled the club to form a new Quorn Terriers team. The forthcoming season 2011/12 will see the Quorn Falcons competing in a higher Division 4 of the Leicester and District Mutual League against some very strong teams ie: Ibstock Utd, Carib and Westfield Wanderers to name just a few!

The boys will be proudly wearing their Brush sponsored tops for the second year running and are hoping that last years success continues into next season for this superb partnership. The team recently attended the Brush open day which was a huge success, our boys participated in activities such as sumo wrestling, Penalty shoot outs, Circus acting etc not to forget having a go on Derek Adam's scooter! The boys would like to thank all concerned for a great day out.

If you would like to keep up to date with the Falcons progress and results why not visit our website : www.pitchero.com/clubs/quornfalcons or if you know of a child that is looking for a team and would like to join a friendly, fun based club please email Craig Rose on: quornfalcons@gmail.com.

Showing Off!



The "Brush Team" pose for a group photo prior to the show opening.
Back row: Joyce Musch, John Brooke, Kevin Rutkiewicz, Grant Hare.
Front row: Derek King, Ben Milam, Charles Brown, Arish Kharel.

Electric Power Chicago

With a principal focus on users and operating sites, the Electric Power Conference and Exhibit was held in Chicago USA during May 2011. Marketing and Sales staff from Brush GMS/Aftermarket, Prismic, Transformers and new machinery Sales presented our current new products and service offerings to a wide variety of industry visitors who represented more than 25 countries. There were around 500 exhibitors with displays covering everything from personal safety equipment to boilers and complete power plant design. Over 4000 delegates/visitors attended this conference.

Sam Gent Trials Report – last 6 months

Brush supported trials rider, Sam Gent, has had a busy last 6 months riding since featuring in the Christmas edition of the Falcon News.

Having won several competitions around the East Midlands Sam has also been riding in Wales, Scunthorpe, Gloucestershire, Devon and the Isle of Wight, producing some good results along the way and showing BEM's support constantly by displaying the logo on his bike. However not only has Sam practised hard, ridden lots of events and won competitions throughout the last six months, but he has also just won the East Midlands Expert Trials Championship with one round remaining.



Sam told Falcon News "Winning this championship has been a great confidence boost for me and it's good to see that the hard work pays off. Now I'm looking forward to riding bigger and better National events for the remainder of this year to prepare for next year where I'm aiming to ride national events throughout 2012.

I'll also be stepping up to a 290cc bike as apposed to my current 250cc, in September, with Brush sponsoring me with money towards this new 2012 bike.

This should be a good move and I'm hoping will improve my riding further, so I think I owe a massive thanks to the sponsorship committee for agreeing to more sponsorship, it's great to have their support behind me"

Sam will now continue training and riding competitions as he prepares to ride national events, with his furthest competition right up in Fort William this coming September, as he contests a round of the Scottish Championship.

Endurance Go Karting



From left to right: Mark Patterson, Chris Lane, Punit Hirani, Ady Wilson, Sean Jandrell, Dick Haywood, Glen Bancroft, Dale Munday, Andy Emery, Stephen Pearce, Terry Hall

The Employee Engagement Committee recently subsidised an endurance karting event at Leicester Karting. 11 people took up the challenge and after a few practise laps the racing began.

Mark Paterson the event organiser told Falcon News "The final set off well but suffered a few casualties; both Dick Haywood and Dale Munday came to grief in the tyre wall. Glen had a good start and led the field throughout the race followed by Punit and third Mark Patterson who although technically brilliant struggled to get off the line".

Glen Bancroft went on to say "Everyone had a good day, the weather was fine and free drinks were available. The usual excuses for not winning...dodgy kart...loose steering etc were banded around but the best driver won on the day. Our thanks go to the engagement committee for their support." Medals were presented and a bottle of champagne went to Steven Pearce for the least efficient lap.

The next event will take place at the indoor kart centre at Wymeswold anyone interested please contact Mark Patterson for details.

Puzzle Corner

Sudoku challenge!

- Each row, column and box must end up containing all of the numbers from 1 to 9.

Instructions

Your task is to fill in the blank squares. There's only one rule:

This rule has a side-effect:

- Each number can only appear once in a row, column or box.

						2	4	6
		6		1		3		
		9						
3	4							2
				7				
	6	1		5				
				4		7		5
8	2				5		6	
					8			1

Tea Break Trivia Answers

1. The Balearic Islands 2. Sussex 3. Donegal 4. The Isis 5. Venezuela 6. Algarve 7. Marseilles (Lyons has a larger metropolitan area but the actual city is smaller 8. Kuala Lumpur 9. Hacienda 10. Birmingham

Contact Falcon News

Falcon News HQ
falcon.news@brush.eu

USA Correspondent
Derek King

Falcon Staff Contacts
Derek Adams – Editor Ext. 2907
Steve Francis Ext. 2020
Mick Gale Ext. 2083

Bev Lyttle Ext. 2362
Juliet Coates Ext. 2286
Jamie Pedley Ext. 2092



BRUSH Electrical Machines Ltd.
Falcon Works, Nottingham Road, Loughborough,
Leicestershire, LE11 1EX, England
Tel: +44 (0) 1509 611511
Fax: +44 (0) 1509 610440

www.brush.eu

