2016 Activities Report

METYX® composites

STRENGTH. SUPPORT. SOLUTIONS.

Table of Contents

4

8

12

16

Company News

Executive Letter 3

Manisa Expansion 4-5

Webbed Carbon 6

Trade Shows 7

Wind Energy

Wind Energy Growth 8-9

Marine

ICT 10-11

CSC 12

Engineered Structures

Opti-TUR 13

Leisure

The Egg Sculptore 14-15

Transportation

Stephex 16

Sponsorship

ITU Rover Team 17

MSSK 18

METYX Composites - Telateks A.S.
Orhanlı Mah. Gülsüm Sk. No:14
34956 Tuzla İstanbul / TÜRKİYE

Contact:
info@metyx.com

Executive Letter

Dear Customers, Colleagues, and Friends,

2016 was a challenging and turbulent year for the METYX team and all Turkish companies, facing unprecedented events and significant political unrest in the country. In spite of the regrettable coup attempt on July 15th and the terror attacks in Turkey, which upset us all, we managed to remain nationally united, and in no time commercial life returned to normal across the country. The METYX Composites team carried on with our daily and business lives, and we succeeded in expanding and strengthening the business during 2016 to remain in good shape for the future.

Manisa Factory Expansion

When the Manisa factory started production in 2012, we already had in mind to expand the site further when the market timing was right. The opportunity to acquire the land and buildings adjacent to the existing factory in the Manisa Industrial Zone came up, and the deal was successfully completed in July 2016. The expanded site is almost twice the size of the current factory, providing sufficient space not only to double knitting capacity for glass and carbon fibre multiaxial fabrics, but to also add more tooling and kitting capacity, plus additional new warehousing facilities. We plan to double production capacity by 2018, working closely with both new and existing customers, especially in the Aegean region, which has become a very attractive area for the wind turbine market.

Hungary Facility 'On the Rise'

Over the last two years, METYX Composites has made major investments in its Hungarian production facilities in Kapoşvar to expand the capacity and improve the services offered, especially to EU customers. Since the NABI facilities acquisition, we have made considerable capital investments, installing three production lines for making multiaxial fabrics, as well as the transfer of systems, technical knowledge and best practices to Hungary, replicated from existing business units. To meet demand and improve service levels, especially for EU customers, a CNC kitting facility offering 'cut to order' foam and balsa cores materials, fabric reinforcements and vacuum consumables have been set up here. As expected, our Hungarian production facility has increasingly been directly supplying customers manufacturing in the European Union (EU), supported where needed by our Istanbul and Manisa factories in Turkey.

Expanded Kitting Services & Capacity

During 2016 we doubled our kitting service capabilities at our Manisa factory, and also started to offer a second kitting service from our Hungary facility. Our aim is for Manisa to be the key core and fabric kit supply point for our growing wind blade customers in the Aegean and Marmara regions, and for our Hungary facility to be the main kitting centre of Europe, serving EU and export customers.

METYX as a Bodywork Make-up Artist

An exciting new business opportunity has been secured by our Hungary facility with Stephex Group, the leading European horsetruck manufacturer, based in Belgium. Under the terms of the agreement, METYX Hungary will be providing all the composite bodywork surface finishing and painting for the range of luxurious vehicles manufactured by Stephex Horsetrucks, which are used all over the world by professional showjumpers and eventing teams to transport and accommodate horses and riders in style.

New Kitting Customers in Manisa

We are very proud to announce that we have now started to offer our kitting services to leading OEM wind turbine blade producers. We firmly believe this is only the beginning and that we will quickly become a total solutions partner for all the composite needs of these prestigious wind sector OEMs.

An International METYX Family

2016 was also a year of international expansion and major changes within our business. METYX Composites now operates in four countries and employs around 350 people. More than ever, we recognise the importance of taking care of everyone working in our business. We know that the future growth and continued success of METYX is only possible due to the skills, knowledge, dedication and performance of our people. We offer our sincere thanks to each one of them for their commitment and hard work throughout 2016.

Caring Community Support

In addition to our business activities, we also make time to support students and local communities. Looking to the next generation of engineers, a significant proportion of our annual donations go towards sponsoring university engineering projects, which we believe will make a positive difference for the future.

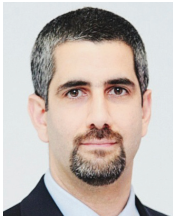
Also, this year we celebrated the fifth anniversary of Manisa Water Sports Club, which was originally founded by METYX. We support these social responsibility projects because we care deeply, and as our way of thanking the special, dedicated people who strengthen our communities. We will strive to be even more supportive in the coming years!

Looking Forward to Working with You

As always, we are driven by the needs and demands of you, our customers. We look forward to working closely with you during 2017, supporting your business to the best of our abilities, and delivering exceptional results that improve the quality and efficiency of your manufacturing activities.

We thank you, our valued partners, for your loyalty and support in 2016. We sincerely hope that 2017 will be a better year for all members of the composites community.

Uğur Üstünel
Co-Director
METYX Composites



Tunç Şerif Üstünel
Co-Director
METYX Composites

METYX Composites Manisa Facility

METYX Composites Doubles Production Site in Turkey

METYX Composites has doubled production facilities at its main manufacturing centre in Manisa, Turkey. Land and buildings adjacent to the existing factory in the Manisa Industrial Zone became available at the beginning of the year, which Telateks acquired in July 2016. The existing factory is being linked to the newly acquired site, which combined provides a total of 2.3 hectares (23,000 sq. m) of production and warehousing space. The expanded site is almost twice the size of the current factory, providing METYX with the space to not only double knitting capacity for glass and carbon fibre multiaxial fabrics, but to also add more tooling and kitting capacity.

The new site is planned to be fully operational in 2017, with additional staff being recruited. The expanded METYX factory will include additional new production lines for both glass and carbon fibre multiaxial fabrics and new CNC machining centres for composite plug and mould making. To meet increasing demand, especially from the wind energy sector locally, the existing kitting services at Manisa are also being further expanded; at both Manisa and the METYX Composites factory in Hungary a full kitting service is provided, supplying customers with 'make to order' kits for core material, glass and carbon fibre reinforcements and vacuum consumables, not only for wind energy, but also for marine, automotive, and other industrial applications.

Additional new warehousing facilities are also being constructed at Manisa to further improve stock holding and distribution services from the main production site, which serves customers nationally across Turkey, and also supplies a growing number of METYX Composites export customers.

"We have seen rapid growth in the Wind Industry in the Aegean Region since 2011 and our local factory and capacity have grown to meet the needs of our customers. We also see new developments regionally in other key composites sectors, which are

Kitting Center in Manisa facility

Tooling Center in Manisa facility

expected to further fuel our growth in the region, where METYX has become a key supplier." stated Bahattin Şendoğan, Marketing and Sales Manager, METYX Composites.

> "We have seen rapid growth in the Wind Industry in the Aegean Region since 2011 and our local factory and capacity have grown to meet the needs of our customers. We also see new developments regionally in other key composites sectors, which are expected to further fuel our growth in the region, where METYX has become a key supplier."

This latest investment in the expansion of METYX Composites is part of an ongoing five-year programme of key strategic investments in high-end production facilities for technical textiles and composites-related products made by Telateks since 2011, when construction of the original factory in Manisa started. Much has been achieved since then, with more planned for the future.

Uğur Üstünel, managing partner of METYX Composites explained:

"When the Manisa factory started production in 2012, we already had in mind a desire to expand the site further when the market timing was right. We think that this new investment decision to expand our Manisa site has been taken at the right time, and will enable us to better support the growing needs of our customers. Looking to the immediate future and longer term, we will be doubling production capacity by 2018, and look forward in the coming years to working closely with all of our existing customers, as well as new customers in the Aegean region."

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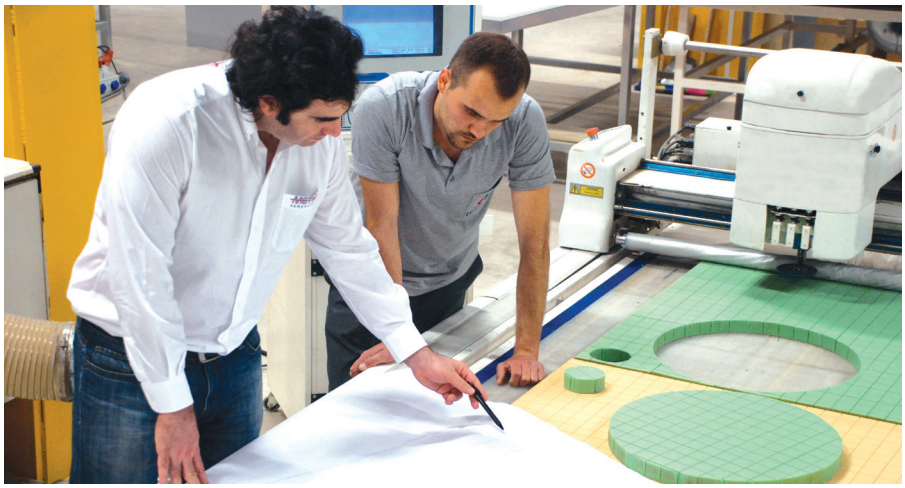
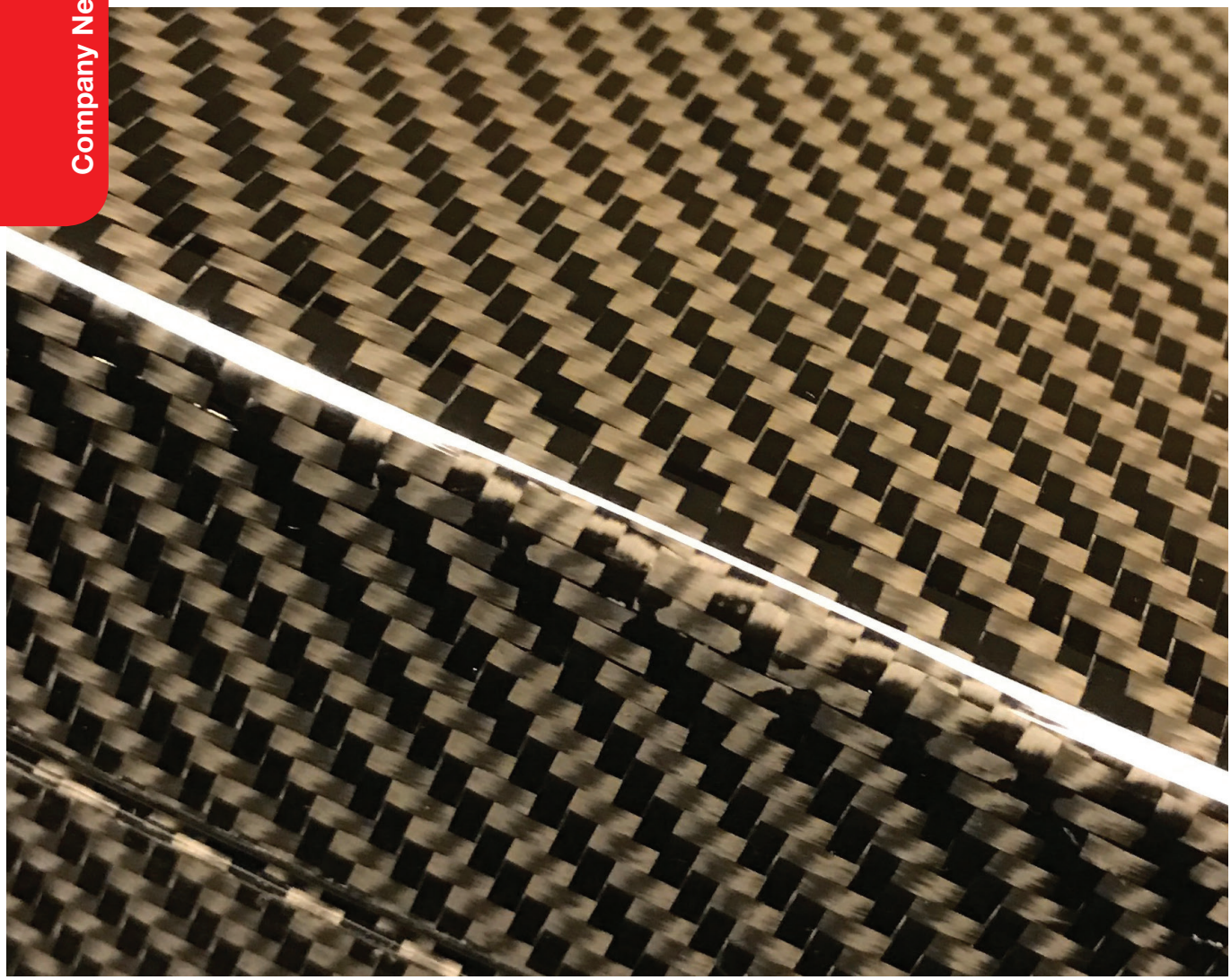


Kitting Center in Manisa facility



CFRP component

METYX's new range of 'webbed' carbon fibre woven fabrics

A 'webbed' Carbon woven fabric, which started production during 2016, is a new addition to the range of carbon woven products manufactured by METYX. As the name suggests, this 'webbed' fabric includes the addition of a fine layer of thermoplastic coating, which resembles a spider's web, applied as a covering to the surface of the woven fabric. This addition stabilizes the woven fabric, making it less prone to deforming, which is a critical factor for a woven fabric during lay-up.

The web coating, which is uniformly applied and varied according to the fabric areal weight, ensures the stabilization of fibres during the cutting process, which results in clean cut and fringe free fabric edges. Thanks to its elastic nature, the webbed carbon woven fabric has very good drapeability, essential for complex parts. It is also thermoformable, which qualifies the fabric for preforming processes.

This new addition to the METYX product range of technical fabrics for moulding composite parts, combines higher mechanical performance with key processing benefits to meet the high productivity needs of manufacturers in the automotive, marine and industrial markets.

Application of webbed carbon

Trade Show Activities 2016 / 2017

METYX Composites exhibited at the following trade shows during 2016

JEC EUROPE 2016
(Paris, France)
March 10 - 12

COMPOSITE EUROPE 2016
(Messe Düsseldorf, Germany)
November 29 - December 1

CAMX 2016
(Anaheim, California, USA)
September 27 - 29

METS 2016
(Amsterdam, Holland)
November 15 - 17

WIND TURBINE BLADE MANUFACTURE 2016
(Düsseldorf, Germany)
December 12 - 14

Upcoming events for 2017

JEC EUROPE 2017
(Paris, France)
March 14 - 16

CAMX 2017
(Orlando, USA)
September 12 - 14

COMPOSITE EUROPE 2017
(Stuttgart, Germany)
September 19 - 21

METS 2017
(Amsterdam, Holland)
November 14 - 16

WIND TURBINE BLADE MANUFACTURE 2017
(Düsseldorf, Germany)
December 12 - 14

METYX Composites team members at JEC World 2016

Supporting Renewable Wind Energy Growth

Renewable energy, particularly from wind turbines, is growing rapidly in Turkey, with considerable continued investments expected for the foreseeable future. This strong national growth is led by the Turkish government, which has set an ambitious objective to have 20 GW of installed wind energy capacity by 2023, as part of an overall target for Turkey to procure 30% of all its electricity needs from renewable energy sources.

During 2016, METYX Composites has been actively supporting the rapidly growing wind energy sector, providing its customers with a variety of high performance materials, technical advice and added value solutions for the production of wind turbine blades, along with a flexible, responsive, reliable supply chain and delivery service from our dedicated team.

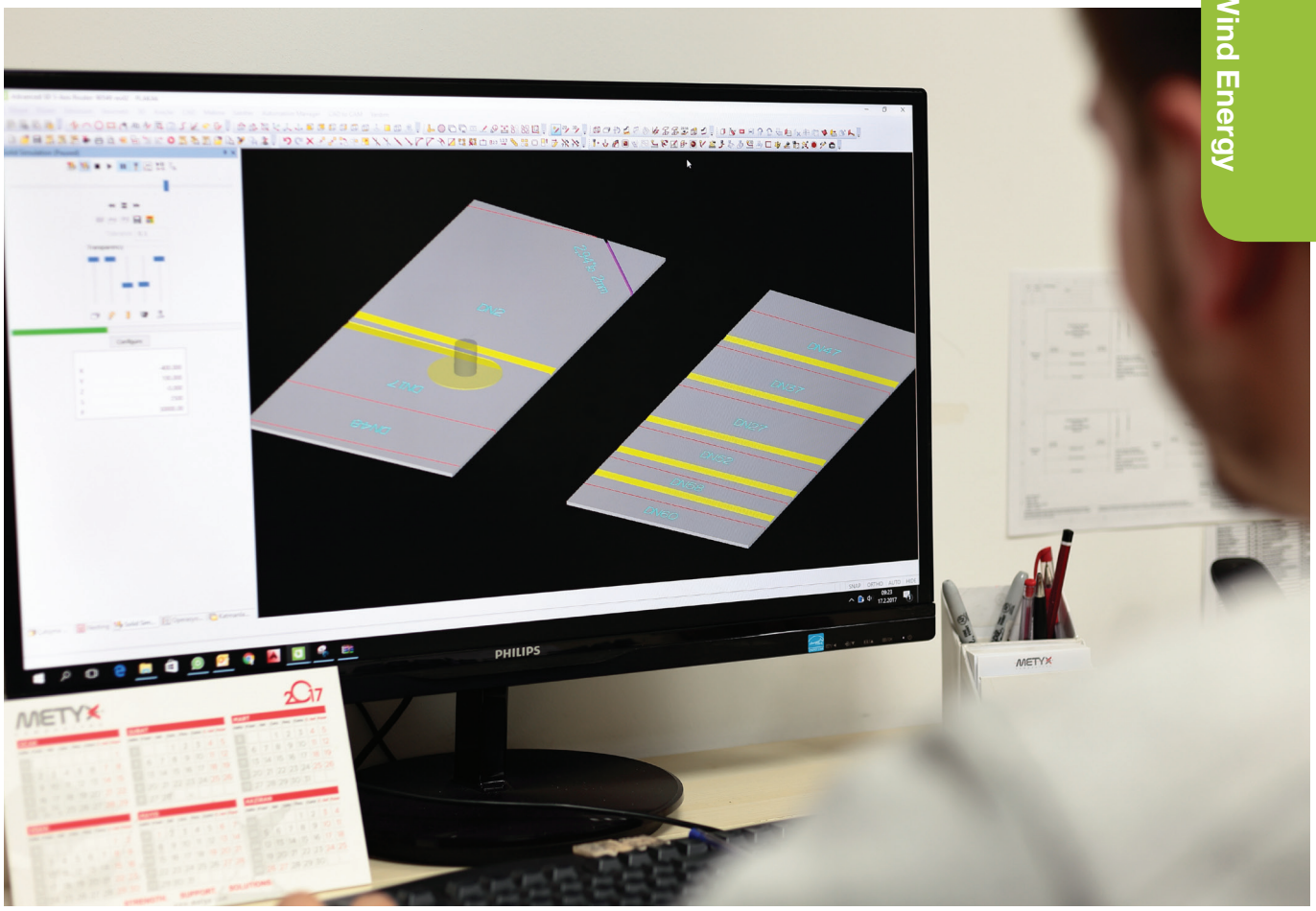
As our wind energy sector customers have grown, so has METYX Composites to ensure that we can meet all our customers' needs. Major investments have been made to significantly increase production capacity in line with forecast increased business levels, as new projects that were at the prototype stage in 2015 became mainstream production orders in 2016.

Production capacity has been doubled, with additional new CNC machinery being installed during 2016. Investments have also been made in new automatization systems to further improve our ability to provide added value engineering solutions for existing and future projects. By bringing in the very latest design engineering tools and systems, we have improved our engineering capabilities in areas such as prototyping, which can now be done even faster and more effectively. The tangible benefit to customers is that new product development projects can be completed faster, shortening the time from prototype stage to serial production.

Looking forward positively, we confidently expect over the coming years that the addition of the new CNC lines providing increased capacity will enable METYX Composites to steadily grow with its customers, and that our dedicated team of highly motivated engineers will be able to find solutions to technical problems and make a positive contribution to the growth and success of our valued business partners, not only in wind energy, but all industrial sectors using composite materials that we serve.

Kitting Center in Manisa

Kitting Center in Manisa



Kitting Center in Manisa

Kitting Center in Manisa

Building Luxury Yachts and Making Dreams Come True

Collaboration between two talented English design teams, H2 Yacht Design and Laurent Giles Superyacht Architects, is creating 'Al Fresco' a new 32 metre luxury fibreglass motor yacht, which is currently under construction at ICT Yachts in Turkey, with the ICT team working closely with boatbuilding partners DUO Engineering & Yacht Building Management.

Laurent Giles designed the principal construction plans, specifying FRP sandwich laminates for the hull and superstructure according to Registrano Italiano Navale (RINa) rules for composite yachts. This has been designed with a hybrid semi displacement hull, as specified by the soon to be lucky owner, making his yachting dream come true.

The smart, modern design is evident throughout this beautiful craft, giving the owner the level of luxurious comfort and space typically found in 40 meter plus super yachts. The main cabin area has a very spacious lounge area with New York high rise penthouse apartment inspired glass walls, which overlooks a comfortable outdoor dining area. The large sundeck and master cabin easily compete with 45 meter yachts size wise. In every aspect of the build and design, products manufactured and supplied by METYX Composite have played a big role meeting both quality and technology needs for this luxury yacht.

The busy ICT Yachts shipyard has several other prestigious luxury yacht projects. It is currently rebuilding a 54 m classic yacht, which has been given a beautifully designed 'face lift' created by Frank Laupman, of Omega Architecten B.V., Holland. The stunning 67 metre super yacht 'Feadship' is in the current ICT program for a refit. Last but not least, ICT Yachts has secured a very exciting project to build a new 43 meter multifunctional explorer super yacht, developed by the German designer Frank Neubelt; his innovative design combines luxury yachting features with the rugged design and seaworthiness of a working explorer vessel, able to go anywhere in the world, equally comfortable at the polar ice cap as in the Caribbean. No exploration challenge is too great for this amazing, highly versatile super yacht.

ICT Yachts and DUO Engineering & Yacht Building Management have combined forces to provide an outstanding, innovative and top quality focused yacht construction service. If you are looking for the best in yacht engineering and construction then look no further. If the past can give an insight to the future, then ICT and DUO are redefining the future of yacht building for cutting-edge design, engineering and production management.

The ICT Shipyard has tremendous experience in steel and composite production and METYX Composites has always been a dedicated supply partner for composite products such as various types of glass fabric reinforcements, PVC core foams and vacuum consumables. The consistently high quality of METYX Composites products and reliable delivery service is in perfect harmony with the ever demanding quality, service and composite production efficiency needs of ICT Yachts.

With the yacht industry becoming increasingly competitive, ICT Yachts is striving to earn a reputation as one of the most innovative and advanced shipyards in the world. Today Turkey has globally risen to being in the top five countries building the best custom super yachts in the 30 - 70 meters category, with ICT Yachts sitting as one of the top Turkish super yacht builder in the country.

At ICT, the production teams and contractors work tirelessly, with great passion, pride and dedication to ensure that all the design features and every fine detail is included in the final construction to the total satisfaction of their valued customers. They clearly have ambitions to be the best!

Photo Courtesy of ICT Yachts

Photo Courtesy of ICT Yachts

Photo courtesy of CSC

A Yacht Sailor's Passion for Sea Racing

Yacht Details

Name	:	Pata Negra
Design & Engineering	:	Marc Lombard Yacht Design, France
Length	:	14,00 m (46 ft)
Width	:	4,30 m
Keel weight	:	3.600 Kg
Engine	:	57 Hp yanmar

Pata Negra is a Marc Lombard designed IRC 46, fibreglass build, Cruiser-Racer. This beautiful, lightweight racing yacht is owned by an Englishman with a passion for sea racing, but who is also fond of more leisurely sailing with his family in comfort. However, according to production engineer Can Ergün, the primary consideration with respect to the design and fittings of Pata Negra Negra is its ability to perform well in long distance racing; the owner is a highly experienced sailor, who has won several international races, including the Grand Soleil 56.

The GRP composite hull and deck of the yacht were manufactured by CSC Composites using the vacuum infusion technique. METYX Composites supplied a variety of foam core and fibre reinforcement materials used throughout the vessel. These included: all of the biaxial and unidirectional e-glass fabric reinforcement materials used for the hull, deck, internal frames and partitions; PVC foam cores cut to size in various dimensions and thicknesses for hull and deck sandwich laminate sections and in the rudder; woven carbon fabrics for the rudder frame.

Production started in October 2015 and the finished yacht was delivered to the owner in August 2016. After only one hour of sea trials, the new vessel immediately set off on a five day non-stop trip to Malta. Since then, after successfully completing several international sea races, the captain of Pata Negra and the crew are looking to future races and ways to go even faster. After spending the winter in the Caribbean, Pata Negra will be back competing in races in the coming year and aiming to win.

Photo courtesy of CSC

Luxury Residential Entrance Barrier Security with Style

Specialising in marine sports, yachts, shipbuilding and refitting, the Turkish company Opti-TUR has gained an enviable reputation as a specialist in the design and high quality production of finished products. Opti-TUR is the official manufacturer of Danish Optimist racing and training equipment, serving Turkey and markets globally, having been awarded the certified Optimist boat producer license by IODA (International Optimist Dinghy Association).

The Opti-TUR factory in Gebze, south east of Istanbul, always has a variety of manufacturing projects not only boatbuilding and refitting for marine customers, but also for custom made fibre reinforced plastic (FRP) composite parts, primarily moulded using the vacuum infusion production technique.

During 2016, Opti-TUR was approached and commissioned to produce a stylish 'ultra-modern' FRP composite security guard cabin for the entrance of one of the most exclusive, luxury residential apartment complexes in Acarlar, Istanbul. The new composite cabin was designed and manufactured by Opti-TUR, taking four months to complete. Technical advice and engineering support, along with all the cut to order reinforcements and core materials needed for each of the infused sections, was provided by the METYX Composites team from the beginning to the end of this prestigious project.

To achieve a high strength-to-weight ratio throughout, biaxial glass fabrics manufactured by METYX were specified and used throughout the cabin walls and roof, as well as for the internal integrated structural elements of the design to support the roof, large curved window sections and the glass door frame. The laminate resin system used for the glass fibre and PVC foam sandwich laminate design cabinet parts was a liquid epoxy vacuum infusion resin. All of the glass fibre and PVC foam core parts used were accurately cut to size and supplied from the METYX Composites Kitting Centre in Manisa, Turkey. During production, Opti-TUR found the METYX biaxial e-glass fabrics very easy to work with in both the dry lay-up stage and during vacuum infusion.

Mustafa Bektaş, owner of Opti-TUR stated:

> "We are very pleased with the exceptional performance of the materials, as well as the highly competent technical support and service we received from the METYX Composites team throughout the entire project."

Photo courtesy of Opti-TUR

Photo courtesy of CSC

'The Egg Sculpture' – Composites in Fashion

The use of composite materials technology is growing more widely beyond established traditional industrial applications. With the design freedom available, today composites are increasingly being used by designer furniture makers, progressive architects and interior designers, and now have even made it to the fashion cat walk in October, 2016 during MERCEDES BENZ Fashion Week held at the Zorlu Centre in Istanbul.

As part of its catwalk show, BASHAQUES' the 'wearable art' fashion designer label included 'The Egg Sculpture', an all composite dynamic sculpture, designed and created by a contemporary Turkish artist, using METYX's facilities in Manisa. During the show, a fashion model wearing a BASHAQUES' collection designer outfit dramatically 'broke out' of the egg sculpture and emerged onto the catwalk. Not surprisingly, this original, eye catching, sculpture and 'catwalk theatre' was a big hit at the show.

The idea and design inspiration for this artistic sculpture came from asking the imaginative question: What would have happened if Salvador Dali had lived during the time of the Ottoman Empire? In response, the artist Bülent Sancar, who was commissioned to create the piece, came up with the stunning egg sculpture, which symbolically represents a 'breaking out of one's shell' and the birth of Surrealism - the artistic search for freedom.

The METYX Composites Prototyping and Tool Centre teams supported the artist, who moulded the GRP parts for the egg himself using METYX's production facilities. A 3D analysis model of the artist's design was first created in the METYX Prototyping Unit, from which the required pattern shape was carved from Styrofoam block using a 5-axis CNC milling machine, which was then coated with epoxy paste and surface finished. A gelcoated FRP mould tool was then produced from the finished pattern. To provide the required physical and mechanical properties needed for the egg sculpture in use, **METYCORE-450M/250P-P1/450M** was selected as the most suitable glass fabric reinforcement to produce a tough, thin walled, light-

MERCEDES BENZ Fashion Week Show Design

weight laminate. After the two upper opening sections of the egg had been shaped and cut, the final stage was to sand, prime and acrylic paint the exterior of each part to create the dazzling finished egg sculpture.

Sancar listed his key reasons for preferring composite as a sculpture material as: lightness, impact resistance and durability, as the two top sections of the egg have to withstand falling to the floor without breaking during the fashion show adding: "I always dreamt of making large-scale sculptures. I knew as soon as I discovered composites that this was the right medium for me. The versatile way composite materials can be moulded allows complete artistic freedom to create the desired shape and finish. Using composite materials was perfect for this egg sculpture, which had to be very light, strong and tough. I will definitely be creating more sculptures using composite materials in the future".

It is clear from the success of this unique piece of sculptural art, that the use of composite materials will become increasingly popular in the art world and everyday use.

Bülent Sancar,
Artist of the sculpture stated:

"I always dreamt of making large-scale sculptures. I knew as soon as I discovered composites that this was the right medium for me. The versatile way composite materials can be moulded allows complete artistic freedom to create the desired shape and finish. Using composite materials was perfect for this egg sculpture, which had to be very light, strong and tough. I will definitely be creating more sculptures using composite materials in the future"

MERCEDES BENZ Fashion Week Show

Stephex horsetruck in Hungary facility

METYX as a bodywork make-up artist

METYX Hungary Kft, the central Europe production facility of METYX Composites, has secured a supplier agreement with Stephex Group, the leading European horsetruck manufacturer, based in Wolvertem-Meise, Belgium. Stephex Horsetrucks are used all over the world by professional show-jumpers and eventing teams to transport and accommodate horses and riders in style. Under the terms of the agreement, METYX Hungary will provide all the composite bodywork surface finishing and painting for the range of luxurious vehicles, designed and manufactured by Stephex Horsetrucks.

METYX Hungary Kft won this prestigious supply contract as it has kept the technical expertise and finishing experience of the former North American Bus Industries (NABI) production team, which remained after the acquisition of NABI by METYX in November 2013. The former NABI Kapoşvar team built complete composite city buses from 2002 to 2013, which included bodywork finishing and painting.

The METYX Hungary facility currently has the capacity to handle one horsetruck per week. Bodywork finishing will be carried out at Kapoşvar on vehicles delivered straight off the Stephex production line in Belgium without any prior surface treatment. So, for each horsetruck, the METYX Hungary team will first need to meticulously clean and repair any surface imperfections, then apply the base gelcoat and specified bodywork paint colour, with the final stage being surface polishing.

Uğur Üstünel, managing partner of METYX Composites stated:

Uğur Üstünel, managing partner of METYX Composites stated that the Kapoşvar team are very proud and pleased to be involved in making such a high quality product, adding that: “Our aims for 2017 are to increase our finishing capacity to handle more vehicles and to further improve our knowledge and capabilities in this area to serve other sectors”.

> “Our aims for 2017 are to increase our finishing capacity to handle more vehicles and to further improve our knowledge and capabilities in this area to serve other sectors”

Before bodywork make-up

ITU Rover Team - Exploring for Life on Mars

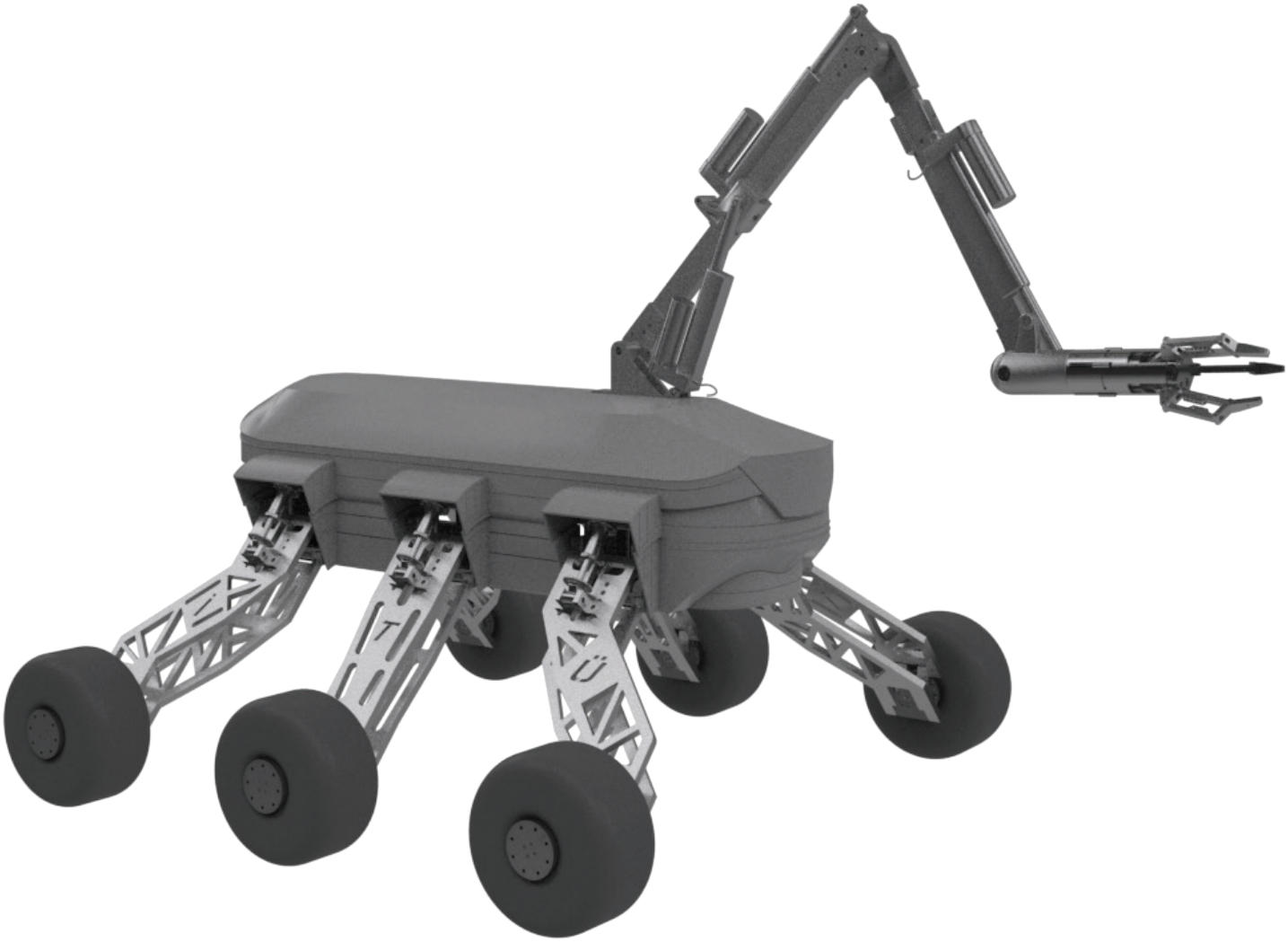
An ambitious group of engineering students from the Istanbul Technical University (ITU) has made history, as the first team from Turkey to enter and take on the University Rover Challenge to design and build a robotic research and discovery rover vehicle that could one day operate on the suface of Mars. The ITU Rover Team is determined to take on the brightest and the best from around the world at the field competition held in the USA at the Mars Society's Mars Desert Research Station in southern Utah.

To fulfil the dream of Turkey being one of the top countries competing in this demanding challenge, the ITU Rover Team has top academic students from various engineering disciplines and fields of technical knowledge and expertise. The driverless rover vehicle must be a robotic design, able to perform difficult tasks on the planet surface remotely. Tasks that the rover must be able to successfuly perform include: carrying out biological and chemical analysis tests; reporting visual data; gathering physical rock and soil samples.

Being able to design very lightweight, durable structural components with outsanding mechanical properties, the ITU team is looking to use carbon fibre composites materials where possible in its rover design, such as for the robotic arm, the main body and wheel trims.

As part of an ongoing annual commitment to support talented student engineers and innovative university projects, METYX Composites, is providing the ITU Rover Team with a complete package of vacuum consumables and woven carbon fabrics.

Everyone at METYX Composites wishes the ITU Rover Team success!



Design of the project

METYX Composites Marks Five Years of Proud Manisa Water Sports Club Sponsorship

In 2011 METYX Composites established a new factory in Manisa. At the same time, the company also wanted to support the local community. With a passion for watersports, Ugur and Tunç Üstünel, co-directors of METYX Composites, founded Manisa Water Sports Club (MSSK) as a brand new facility, with the main goal being to foster the development of swimming and water polo in the local region for both able bodied and disabled young people, which as well as being fun, helps to develop healthier and stronger minds and bodies.

After five years of dedication and effort, MSSK is now one of the top water sports clubs in Turkey, with swimming and water polo teams at all age levels successfully competing against other clubs, winning competitions and rapidly being promoted up the league tables. The club offers world class training and coaching for its young athletes, provided by highly experienced and dedicated staff, along with some of the most modern water sports facilities in Turkey, including an Olympic size pool. Coaching is proved in three different water sports: water polo, swimming and paralympic swimming.

During the first year, the MSSK men's water polo team emerged as champions of the 3rd league and were promoted to the 2nd league for the following season, becoming league champions yet again, and then promoted to the 1st league. There was also success for the MSSK women's team, which won two national league champion titles, being promoted up to the 1st league at the end of the 2015 season.

During 2015, the Turkish Men's National Water Polo Team included

Ali Kılıç

Water Polo A Team

more players from the Manisa Club than from any other team in the country. With such talent, the MSSK Men's water polo teams finished the 2015-2016 regular season in the top six. The 'A' team made it to the play-offs after winning the match series 3-0 against Adalar Water Sports Club for 3rd place, going on to win the cup. The club has also made history, with its star goalkeeper, Ali Kılıç's, becoming the first player from Manisa to secure a player contract for the coming season with Club Natació Barcelona, which is one of the most successful water polo clubs in Europe.

The swimming team has also achieved good results over the last five years, with 40 swimmers from Manisa participating in various regional and national competitions, so starting to write another success story for the club.

The club also helps disabled children in the region become more self-confident, active individuals. Manisa Water Sports Club Paralympic athletes won 6 gold and 2 silver medals at the Turkey National Championship in 2014, going on to reach another milestone the following year, winning 26 more medals at Swimming Championships for Physically Disabled in Turkey, held in Antalya in 2015.

Uğur Üstünel, Manisa Water Sports Club President and METYX Composites Co-Director:

"The club still has a long way to go. We aim to continue our success in Turkey, but more importantly to represent Turkey in Europe! We know we must work even harder to progress along the road to success. Nevertheless, we have a strong ambition to win, with passionate and dedicated coaching staff and players and we believe in ourselves. Everyone at MSSK will continue to work devotedly to reach our future goals."

Uğur Üstünel

Junior Swimming team

METYX®
composites

Istanbul Headquarters
Orhanlı Mah. Gülsüm Sk. No:14
34956 Tuzla İstanbul / TÜRKİYE

Tel.: +90 216 394 32 60
Fax: +90 216 394 32 58
Email: info@metyx.com
Web: www.metyx.com

Manisa Factory
Manisa Organize Sanayi Bölgesi
1.Kısım Malazgirt Cad. No:2 45030
Manisa / TÜRKİYE

Tel.: +90 236 302 04 04
Fax: +90 236 302 04 05
Email: info@metyx.com
Web: www.metyx.com

Hungary Factory
7400 Kaposvár, Dombóvári út
3657/93. hrsz. HUNGARY

Tel.: +36 82 510 126
Fax: +36 25 510 127
Email: info@metyx.com
Web: www.metyx.com