



July 2018

Attwood Equestrian Surfaces, Inc

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Great news for the upcoming Menlo Charity Horse Show...



The Menlo Charity Horse Show, a recipient of the US Equestrian Heritage Horse Show distinction, numerous National Show Hunter Hall of Fame Top 10 Horse Shows of the Year as well as a perennial favourite destination of the Equestrian Living Magazine Gold List readers announces that the 2018 horse show is a sell-out.

Attwood Equestrian Surfaces is thrilled to be a part of the MCHS's continued success. MCHS is also very excited to announce that for the very first time there will be a live broadcast of the show. Every class in all of the three show rings will stream live and for free this year!

MCHS events can be viewed at HorseNetwork.com/Live. Each day's feature class will be available via Facebook Live on the pages of Horse Network and Menlo Charity Horse Show, where fans all over the world can watch together and weigh in on the Hunter/Jumper action as it happens at Menlo Circus Club in Atherton, California. As an additional courtesy to competitors, Menlo Charity Horse Show is offering clips from every class in the Arena, Grass Hunter Field and Grass Jumper Ring online after each day's competition, at no additional charge.

"We're beyond ecstatic to add Menlo Charity Horse Show to the Horse Network Live roster!" said Horse Network Editor in Chief, Carley Sparks. "MCHS has an esteemed 48 year history in horse sport and is a recognized USEF Heritage Competition. This year marks the first time this incredible event will be live streamed for horse sports fans. We can't wait to show the world all that Menlo has to offer!"

Attwood Equestrian Surfaces is proud to be the Official Footing Supplier and Sponsor of the 2018 Menlo Charity Horse Show.

IN MEMORIAM: FEI PAYS TRIBUTE TO TALENTED JUMPING ATHLETE JACK DODD (IRL), 1993-2018



Jack Dodd, one of Ireland's rising stars on the international Jumping circuit, has passed away as a result of injuries he sustained in a car accident in Belgium.

A member of the prestigious Young Riders Academy, he had celebrated his 25th birthday at the beginning of last month and it seemed that the stars were aligned for a great future for the young man from Co Mayo in the west of Ireland.

He had been competing internationally since 2007 and had represented Ireland right through the youth ranks to senior level, including being a member of the Irish silver medal team at the 2007 European Championships for Children on Horses, and flying the Irish flag at the FEI European Young Rider Championships in Arezzo (ITA) in 2014.

He also competed on Irish FEI Nations Cup™ teams and was a strong supporter of the series, speaking at last year's FEI Sports Forum about the crucial role it plays in providing experience for young riders on the international stage.

Jack Dodd had worked with some of Ireland's leading names, including Bertram Allen, Cian O'Connor, Cameron Hanley and Shane Breen, and had set up his own yard in Belgium earlier this year.

"The news of Jack's tragic death has come as a great shock to us all", FEI Jumping Director John Roche said. "He will be greatly missed by all who were fortunate enough to have known him. The loss of such a fine gentleman and a young talented athlete leaves us simply devastated. My thoughts and prayers are with his family, friends and colleagues during these very difficult days."

The FEI extends its deepest sympathy to Jack Dodd's parents David and Trish, his family and wide circle friends and to the Irish National Federation.

Read more [here](#).

Footing Facts: July 2018

Attwood's new AquaBalance Underground Irrigation System

In May's Footing Facts we discussed sub-surface or underground irrigation systems. In that issue we made reference to the development of Attwood's own sub-surface irrigation system, AquaBalance. Today, we will talk more about this exciting new product.



Underground arena irrigation products are not new. On the market for many years now have been traditional ebb/flow systems whereby the base of an arena is effectively flooded with water, and the water then percolates up through the footing. In order not to lose the water through the sub-base, an impermeable membrane is placed on the sub-base, creating one very large 'swimming pool'. Some products then have special water absorbing modules sitting on the membrane, whilst others simply have drain rock or sand as the bottom layer. Piping carrying the water is buried in this layer or throughout the modules, the water emitting via holes in the pipe. A second protective but permeable membrane is then placed on this base layer and the footing then sits on this membrane. Water percolates up from the flooded base, through the upper

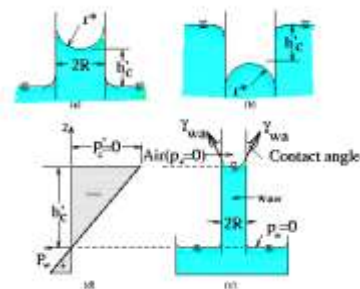
membrane to the surface. The level of water is kept at a constant height using a connected, adjacent submerged tank fitted with a float valve, so that the level in the tank matches the level in the arena base.

One disadvantage of the traditional ebb/flow systems is that the constantly flooded base tends to promote bacterial growth, leading to discoloration of the footing, and malodour. The growth can turn into slime (known as *biofilm*), which coats the base components and can block pipes.

Another disadvantage is that if the lower impermeable membrane should leak, then the system continually fills with water, leaving the owner with an expensive water bill.

Because of its complexity, a third disadvantage is that the system is expensive.

Attwood's new AquaBalance system has been designed to simplify underground irrigation. We have done away with the flooded base, immediately negating those disadvantages associated with that. By understanding the physical process known as *capillary rise through porous media*, the AquaBalance system comprises special water emitting pipes buried within the lower depth of the footing. This means that the base does not need to be flooded. Provided the correct footing is used, completely even watering of the footing is achieved. There is therefore no need for an adjacent, below ground balancing tank. AquaBalance simply uses a control system to regulate the water feeding directly off your water supply. What's more, the system can be as advanced, or as simple as you like. For instance water can be automatically metered depending on the water content of the footing - if it has been a hot day the system will deliver more water to compensate, or if it has been raining it may not deliver any to the arena. Or in a simple set-up the owner can set the system to water for so long at the same time of the day, and this will be repeated each day.



In summary, in addition to the advantages sub-surface irrigation systems already enjoy over spraying, the extra advantages of AquaBalance over traditional ebb/flow include:

- Significantly lower cost
- Reduced likelihood of biofilm growth, hence reduced discoloration and malodour
- No risk of leaking membrane
- Even watering
- Extremely inconspicuous footprint

We will bring you more details about AquaBalance in the coming months, so stay tuned!

Terra Nova: Product Profile

Our latest, and most innovative polymer-coated footing. Terra Nova is formulated from high quality silica sand and fibres, and coated with a next generation viscoelastic polymer, giving unrivalled shock absorption, grip, and rebound.

Characteristics of Terra Nova:

- Very economic and competitively priced
- No watering required
- Dust-free and Non-tacky
- Consistent riding characteristics
- Manufactured from premium raw materials
- Reduced concussion with viscoelastic rebound
- Freeze-resistant and stable over a wide temperature range



Focus on TerraNova :

- Attwood's latest polymer-coated footing, TerraNova, truly is a next generation surface. In response to feedback from our customers, we set out to develop a coated surface that offers the same class-leading riding characteristics of our Pinnacle footing, but which has a completely non-stick feel. We achieved this and more, developing an exceptional footing that is even more affordable than Pinnacle.
- Coated surfaces rely on an adhesive coating to bind the sand grains and additives together. This is what helps to give the surface cohesion and support. In the case of waxed surfaces, the wax coating does a reasonable job of binding the components together, but they feel oily and often the sand sticks to just about anything that comes into contact with it! Attwood's first coated footing, Pinnacle, largely eliminates this problem. TerraNova goes to the next stage! Through ingenious design, TerraNova footing binds all the components together, without feeling the slightest bit sticky.



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You can also contact us at info@equestriansurfaces.com, info@attwood.in and enquiries@aesurfaces.co.uk.

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Attwood Equestrian Surfaces provides meticulously engineered surfaces that benefit both the horse and the rider

