



FEHRMANN
Experience Engineering Excellence

Press Release

Freedom to Design

Advanced Flushline Principle by Fehrmann, Hamburg

HAMBURG. Wheelhouses at mega yachts are not only a functional place to command and control the vessel. They furthermore have to follow at least the exterior design of the yacht. In yacht design, use of glass increased during the last years – but hasn't been realized for functional yacht parts like wheelhouses until now. Henning Fehrmann, managing shareholder of a renowned fifth generation ship supplier from Hamburg, Germany, is aware of these special challenges. He says: "In modern yachts, use of glass increased as it has been of utmost importance in yacht design during the last years. Safety and comfort often have to meet, and fall victim to, requirements in design. Normally, form stands against function, but it doesn't have to be this way."

Fehrmann has a long experience in creating exceptional solutions of glass in yacht building. In 2009, he presented the newly developed Flushline Sliding door to a broader publicity. By the Flushline Principle, Fehrmann has broken new grounds and for the first time combined freedom to design with increased functions and comfort at mega yachts. During the last two years, Fehrmann and his team further developed the Flushline Principle. Now it is also applicable for wheelhouses at super yachts. More than that, wheelhouses gain advantages as Fehrmann's engineers considered the specific situations at yacht wheelhouses. "As mainly situated at higher decks, they often do not provide enough space especially at the sides", Fehrmann explains and adds, "our new pantograph door offers a lot of advantages over traditional ones." The newly developed door works without a disturbing thick arm or lever that normally extends into the wheelhouse. It is completely vitrifiable and thereby facilitates the side view for example at a glazed peak or – in combination with a bottom window – at the passage way. Furthermore, the door is achievable flat, curved, or 3D-shaped – all in renowned German quality. Doors and windows on ships always underlie raising requirements regarding safety. That is why the new door also can be fitted to higher requirements like water tightness. In contrast to commercial ships, wheelhouse windows at megayachts are not inclined and cause mirroring, sun impact and so on. This tribute to the exterior design can be reduced by using special glasses. With its manifold references, Fehrmann knows about different kinds of wheelhouse designs and provides you with individual glass solutions.

With the world's first Flushline glass sliding door, a product appeared on the market that meets the desire for floating design on a yacht's deck, and thus opened completely new opportunities to the freedom in aesthetics. The door leaves fit literally flush with the ship's outer bodyshell. For the first time, the view around the ship has been floating – on all lines. "Requirements of designers, yacht owners, shipyards, and classes are going to increase during the coming years. For us another reason to further improve existing technologies and implement new ones", Fehrmann says, "our products fulfil highest yacht standards – and set even new ones." The new pantograph door by Fehrmann opens up new tolerance in the design of a yacht – due to its Flushline Principle.

Experience Engineering Excellence – For further information about Fehrmann Metallverarbeitung GmbH, visit: www.Fehrmann-Hamburg.de

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Customers:

Blohm + Voss, HDW, Lürssen, Devonport, A+R, Tenix, Mazagon, NAF, NAS (all shipyards), Christina, Abdul Aziz, Lady Moura, Le Grand Bleu, Octopus, Al Said, Al Mirqab (all megayachts)

DGzRS:

Single supplier and manufacturer of ship windows of German Maritime Search and Rescue Service (DGzRS)

If someone can do Fehrmann can.