

04.09.2019 - 16:45 Uhr

## Yanfeng unveils its XiM20 concept car for the first time in Europe / European Premiere for the Smart Cabin concept Experience in Motion 2020



Germany (ots) -

With its Experience in Motion 2020 (XiM20) concept car, Yanfeng, a leading global automotive supplier, unveils its Smart Cabin vision for the automotive interior of the future for the first time in Europe today. Not only delivering the physical environment for future mobility, Yanfeng's Smart Cabin capabilities enable the coordination of features into a truly holistic Experience in Motion: information, displays, lighting, and interior ambience all react to passengers' needs, and new forms of interaction bring surprise and delight in the mobility space. This interior concept for fully autonomous ridesharing vehicles reflects the results of in-depth end-user research combined with Yanfeng's latest technologies and will be presented today to customers, partners and the media on the innovation platform of Startup Autobahn powered by Plug and Play in ARENA2036 in Stuttgart.

"Approaching this next iteration of the XiM demonstrator, we knew it was critical to evaluate users' wants and needs within the vehicle and outside of the mobility context," said Tim Shih, Vice President Design and User Experience, Yanfeng Technology. "The insights gleaned from our research defined what impacts consumers' quality of life and what creates memorable, engaging experiences. With the XiM20, advanced technologies and product innovations complement intuitive design, providing flexibility and comfort for the autonomous rideshare passengers of tomorrow."

The XiM20 showcases technology integrations that stimulate the senses without overwhelming passengers with an array of options and features. By camouflaging the demonstrator's screens and navigation systems within the surfaces of the vehicle using Smart Surface Technologies, passengers can choose whether or not to engage with the innovations around them.

"As an industry leader, we have the capabilities to provide holistic total interior solutions. As we approached this iteration of the XiM, we had to ask ourselves: If we choose to feature every product and technology available within this space, are we offering value? Our research said "no." Instead, to design and develop interiors in this context, we needed to understand and craft experiences that are engaging and surprising, without being overly complex. For future mobility, this is where the opportunity lies," said Hendriks, Chief Technology Officer at Yanfeng Technology.

The XiM20 interior is designed to enable the use of two distinct zones: the bright, airy front of the demonstrator and the more cocoon-like rear, offering lounge seating and privacy. Controls for the interior environment are accessible on the Smart Interior Surface (SIS) table located at the front of the demonstrator or can be accessed via a smartphone application.

The front area is an observation space, offering comfortable, functional seating with an uninterrupted 180 degree view through the curved windshield. This zone is reminiscent of a cafe or coffee house bar, pressed up against a glass window to allow passengers to feel connected to the world around them while enjoying their journey.

Features of this zone include:

Smart Interior Surface (SIS) Table - easily accessible on the natural wood table surface where the trip's sequence is initiated and passengers can control the temperature, sound, UV cleaning, and navigation systems. When not in use, the table remains a beautiful, natural wood surface;

UV Surface Sanitizer - UV frequency light sweeps over the interior to disinfect frequently contacted surfaces between trips;

Never-Forget Storage - storage spaces and bins recognize forgotten belongings, alerting passengers with a series of notifications directing them to the stored item;

Noveto Smart Audio - an innovation resulting from the alliance of YF and Noveto Systems Ltd., this technology is designed to send sound sensors, transducers and software that can locate and track the passenger's position and deliver high-quality sound without disturbing others. Also unlike traditional directional sound technology, Noveto's Smart Audio technology works seamlessly within confined spaces which makes it an ideal solution for use within automobiles.

Visible Natural Fiber - enhancing the interior experience with environmentally-friendly, lightweight construction to create an attractive finish made from sustainable materials.

In comparison, the rear zone offers secluded comfort where passengers can retreat from the hustle and bustle of their everyday lives. The space mimics the cozy atmosphere of a booth, with a soft fabric surrounding and technology integrations designed to complement passengers' moods and preferences.

Features of this zone include:

Active Space - a unique combination of in-cabin sensing developed with our partner IEE, and surface display technology to enable immersive interaction between passengers and their surrounding interior environment for entertainment, communication, and ambience;

Bulletin Board - an eye-level integrated display panel provides ride information and notifications, navigation updates and alerts for passengers when they are approaching their destination so that they can prepare for arrival and gather their belongings;

Slim Airvent - innovative vanes and air flow control allow vents to be a fraction of their conventional surface area while still providing sufficient air flow and heating/cooling effects;

Active Cast Lighting - dynamic ambient lighting which mimics the play of light as it reflects and refracts in natural environments;

Touch-Free Access - located on the exterior of the vehicle, this touchless palm scanner confirms a passenger is correct for the ordered trip by simply requiring guests to hover their hand over the unit to be identified and to gain entry.

Note: Images are available on our website under [www.yfai.com/en/media-center](http://www.yfai.com/en/media-center)

About Yanfeng:

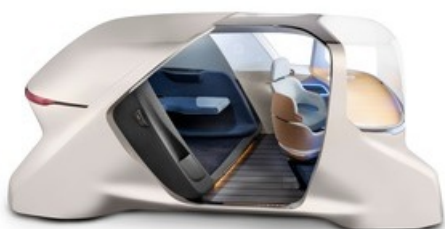
Yanfeng is a leading global automotive supplier, focusing on interior, exterior, seating, cockpit electronics and passive safety, and is exploring new business actively. Yanfeng has more than 240 branches and approximately 68,000 employees worldwide. The technical team of 7,000 experts is in 13 R&D centers and other regional offices, with complete capabilities including engineering & software development, styling, and test validation. Focusing on smart cabin and lightweight technology, Yanfeng supports automakers to explore future mobile spaces and provide leading cabin solutions. For more information, please visit [www.yfai.com](http://www.yfai.com) or [www.yanfeng.com](http://www.yanfeng.com).

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*The XiM20 from Yanfeng is a smart cabin concept for fully autonomous ridesharing vehicles. Editorial use of this picture is free of charge. Please quote the source: "obs/Yanfeng Automotive Interiors"*

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