



2020 AUTO EXPO THE MOTOR SHOW

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WELCOME

SIRISH CHANDRAN



THE SIAM AUTO EXPO 2020 HAD 108 exhibitors, 70 launches and previews, 15 concepts, 35 electric vehicles and a record 6,08,000 visitors. But more important than the raw stats was the buzz and energy around Asia's largest motor show, reinforcing the fact that the Indian automotive industry is not only in great health but also innovating and showing the way for the future. Furthermore, India's growth potential drew in new manufacturers who used the platform to showcase their brand, products and vision before kick-starting full-fledged Indian operations.

This Auto Expo highlighted the might of the domestic auto industry with Mahindra making a massive statement of its intent to not just assume a leadership role as far as the electrification of the Indian automotive market goes but also its commitment to conventional IC engines. The mStallion range of engines has been completely developed in-house and it will not only go into Mahindra vehicles but also future SsangYongs and Fords. At the other end of the spectrum there's the Atom EV that is set to revolutionise last-mile connectivity.

Tata Motors made a big splash with their Sierra and HBX concepts, the latter of which is going to hit the roads very soon. At the other end of their stand they also had their trucks, the Prima range, now looking even more stylish.

Hyundai seized the opportunity offered by the Expo to take the wraps off the Creta mid-size SUV while Kia did the same with the Sonet compact SUV. SUVs in fact were the theme of the Expo with Maruti Suzuki showcasing the hugely anticipated Jimny, MG introducing visitors to the Gloster, Mercedes bringing in their baby SUV, the GLA, and Renault injecting fresh life into their Duster with the new 1.3-litre turbo-petrol powertrain.

As for investments, Great Wall Motors announced a 1 billion US dollar investment into the Indian market with a complete manufacturing facility as well as R&D while the first fruits of the VW Group's 1 billion euro investment were on display in the form of the head-turning VW Taigun and Skoda Vision IN mid-size SUVs.

All that and more in this commemorative SIAM Auto Expo 2020 coffee table book. I do hope you enjoy it and look forward to seeing you at the Expo in two years time.

@SirishChandran sirish@gtopublishing.com



Auto Shows globally have evolved and transformed from being mere static displays to providing a unique and enriching experience for every segment of the society at large. Auto Expo – The Motor Show 2020 saw a great response with an overall footfall of 6.08 lakh, enabling them to explore the world of mobility. This was the highest footfall at the Motor Show held in Greater Noida, a testimonial of customer's aspiration and affection for the automobile industry."

MR. RAJAN WADHERA
President, Society of Indian
Automobile Manufacturers (SIAM)

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AUTO EXPO 2020 INAUGURATION

Nitin Gadkari inaugurated the Auto Expo 2020 alongside SIAM president Rajan Wadhera

THE AUTO EXPO 2020 WAS inaugurated by Nitin Gadkari, Member of Parliament, Government of India. The show was open from February 7-12 2020, at the India Expo Mart in Greater Noida and it proved to be a great platform for newcomers, with manufacturers like Great Wall Motors making its debut in the Indian market. A number of new cars like Volkswagens' I.D. Crozz and Tata Motors' Gravitas were

showcased, to name a few. Celebrities like actor Shah Rukh Khan, brand ambassador, Hyundai and singer Daler Mehndi made appearances too. A number of activities like Suzuki Motorcycles setting up a slalom zone for riders to try out their skills were planned for engagement with showgoers. There were six 'special' days, with each day exploring a specific aspect of mobility – Enterprise Day, Goodwill Day, Family Day, Women Power Day, Green Day and Driving Experience Day.

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✉ evo.editorial@topublishing.com

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2020 FORCE GURKHA

Force Gurkha gets significant updates for 2020

THE NEW FORCE GURKHA IS MORE CIVILISED with modern levels of fit-and-finish, courtesy an all-new C-in-C chassis, suspension, body and interiors. The new platform was designed for convenience, safety, ergonomics and passenger comfort. The interior gets touchscreen infotainment, a new instrument cluster and a digital MID. It also gets new LED headlights with DRLs, new taillights, rear parking sensors and power windows. Powering the Gurkha is a BS6 2.6-litre turbo-diesel engine. The 140bhp 2.2-litre motor from the Xtreme has been discontinued. The new motor makes 88bhp and is mated to the same 5-speed manual gearbox with transfer case and live-axles with twin manual locking differentials. Also on display at the Force Motors' pavilion was a custom Gurkha with a lift kit, featuring double hydraulic coil-springs, independent suspension and massive 37-inch tyres, driven by Unimog portal axles.



FORCE MOTORS

Force Motors steps into the future with new shared mobility platforms

FORCE MOTORS PUT forth a formidable display of CVs based on three new platforms. At the Expo, a major showcase was the T1N-based platform that is developed for ICE and EV drivetrains. The platform has been developed for global markets where T1N-based CVs are expected to be value-for-money propositions. Also on display was the electric Traveller. Thousands of Travellers are sold every month and its all-electric iteration heralds a new era for the



iconic vehicle. The e-motor produces 161bhp and has a seating capacity of thirteen, excluding the driver. The brand also showcased two buses built on an in-house developed monocoque platform. The company claims that these buses are lighter and structurally stronger than rival buses, offering superior fuel economy.



THE E-TRAVELLER HERALDS A NEW ERA FOR THE ICON



FACEBOOK TOWNHALL

Facebook's influence on car buying in the future

FACEBOOK TRACKS YOUR ONLINE BROWSING habits, and serves you advertisements tailored to your preferences. And now, Facebook is all set to influence your next car purchase! Brandon Herring, Facebook's global auto product marketing manager outlined this strategy, stating that we usually browse Facebook keeping track of our passions more than mere social networking. Hence, auto ads find suitable prospects based on the inventory to best appeal to them, targeting potential buyers with social media messaging. It isn't blind speculation. Facebook believes half of all expected car purchases in 2022 will be influenced by them. So start browsing folks!



BIRD ELECTRIC

E-mobility start-up Bird Electric is set to spread its wings in India with exciting new EVs

BIRD ELECTRIC MOBILITY PVT Ltd announced its plans to introduce electric scooters and low-speed electric bikes in India. The brand has collaborated with California-based EV company, Bird Rides Inc to develop products for the Indian market. The Bird ES1+ concept was on display at the Auto Expo 2020. It is based on the Chinese Super

Soco scooter and comes with a top speed of 35kmph. It gets a 3Ah lithium-ion battery providing a range of 55km. The concept also gets a LED headlamp and taillamp and a digital instrument console. The scooter is lightweight, tipping the scales at just 62kg. Bird also showcased the Cruiser, a mix of a moped and bicycle, capable of carrying two people for short distances.

DEVOT MOTORS

Start-up displays its quirky and retro-themed electric motorcycle prototype

DEVOT MOTORS, A START-UP, based out of Rajasthan showcased its yet-to-be-named electric motorcycle prototype at the Auto Expo 2020. The e-motorcycle packs interesting features like keyless operation, modular batteries, overcharging protection and regenerative braking, among others. There's also a provision to carry the charger along and even store the helmet in the tank. The large tank seems to eat into the seat that appears small for two people.

Although all the specifications have not yet been revealed, Devot Motors claim their first ever electric motorcycle can achieve a top speed of 100kmph and has a range of 200km. These are respectable figures considering that EVs demand tight packaging to mask the weight and volume of the battery and the electric motor. The bike seemed to be far from a complete, production-ready motorcycle and the company will need to fix a few things, but Devot Motors aim to launch this bike in select Indian cities by the end of this year.





HYUNDAI INDIA

Exciting cars from the Hyundai pavilion

THE ALL-NEW CRETA SHOWED OFF a tighter, more angular look, a far cry from the 'soft-roader' origins of its predecessor. It is now launched in India with as many as five engine-gearbox combinations including the 138bhp turbo-petrol engine mated to a seven-speed DCT. It also gets class-leading features like the Bluelink connected car system, panoramic sunroof, rear seat headrest cushions and paddleshifters among others.

Hyundai showcased the facelifted Tucson, the brand's flagship SUV in India, which now gets additional kit including the penta-projector LED headlights and a redesigned cascading grille.

Hyundai also gave us a glimpse of its future mobility concepts with Le Fil Rouge, reimagining the brand's sporty design language. Also showcased was the Hyundai Kite, a dual mobility solution, a doorless, roofless, windowless concept consisting of a monocoque chassis, equipped with four wheel-mounted brushless motors for travelling on land, and a water turbine jet for travelling on water.



THE NEW CRETA IS UNLIKE ITS SOFT-ROADER PREDECESSOR



JBM AUTO

JBM Auto's next generation electric buses, Eco-Life e9 and e12 launched at the Auto Expo

JBM AUTO LAUNCHED ITS TWO electric buses, the Eco-Life e9 and the e12. The company will produce these buses at its Faridabad manufacturing unit that can build 2000 buses annually. These new buses have a range of 125-150km. The Eco-Life comes with an electronic braking system and a unique electric drive system as well. JBM will also build the battery technology and charging infrastructure required for these buses.

JBM says that the Eco-Life saves around 1000 tonnes of CO2 and 3.5 lakh litres of diesel over the operation lifecycle of 10 years. These buses can be adapted to myriad uses, and can be used in different

geographic regions. Nishant Arya, executive director, JBM Auto, said, "We have a long journey to ensure zero-emission public transport solutions and electric buses would be a catalyst. Today, countries across the globe are embarking on sustainable EV policies and if India achieves the FAME-II targets, it will be amongst the top-three countries in the world, in terms of number of e-vehicles. This will also generate around 10 million jobs and open many avenues for employment in the e-mobility space."

Mass mobility sectors can kickstart the shift towards EVs, and e-buses could go a long way in cleaning up our cities, given they are charged using correct methods, and not by diesel generators.

HERO ELECTRIC

Hero Electric to propel the EV movement in India

HERO ELECTRIC SHOWCASED THE ALL-NEW AE-29 scooter, AE-47 motorcycle and a trike at the Auto Expo 2020. The e-scooter is powered by a 3.5kWh battery and gets a 160km range. Full charge takes four hours and top speed is a respectable 85kmph. The AE-3 trike on the other hand gets a gyroscope-based stability feature and an auto-balance park switch. It is powered by a 3kWh lithium-ion battery and gets a range of 100km while the top-speed is 80kmph. Meanwhile, the AE-29 motorcycle gets an 80kmph range and a top speed of 55kmph. Features include Bluetooth connectivity, and walk and reverse assist, among others. Lastly, Hero Electric is aiming to ramp up its production to 5 lakh EVs/annum in the future to cope with the increase in demand.



HERO CYCLES

Quirky designs drew fitness freaks to the Hero pavilion

HERO CYCLES UNVEILED A WIDE RANGE OF products including e-bikes. Hero Cycles, who recently acquired German firm HNF Nicolai, showcased three bikes – Straphanger, Essentia Connect and Easy Step range from the German firm's stable. Designed for urban use, Easy Step is an e-bike with seven gears and can be folded in 30 seconds for convenience on the go, while the Straphanger e-bike comes with a range of 50km on pure electric power and can be taken off the road as well. The Essentia Connect comes with a 250W motor on the rear hub that helps the bike attain a top speed of 25kmph. Production versions are in the pipeline.



JK TYRE

JK Tyre's move in tyre technology with the Smart Tyre

INDIA'S LEADING TYRE MANUFACTURER, JK Tyre launched its new Smart Tyre Technology and a range of concept tyres at the Auto Expo 2020. Smart Tyre is a first-of-its-kind cloud-based tyre monitoring system. It uses sensors that are integrated with a Tyre Pressure Monitoring System (TPMS) which provides updates on the health of the tyre and the tyre pressure by displaying the data on the website and the TREEL Care app. This technology helps the customer maintain optimal tyre pressure along with monitoring all aspects of the tyre. Smart Tyre screens the tyre's vital statistics, including pressure and temperature. It is compatible with cars, bikes, trucks and buses.





KIA SONET

The Kia Sonet is slated for India launch in Q2 of 2020

KIA'S INDIA STORY HAS TAKEN off like a rocket. The Seltos has whipped up Kia's sales, and the Carnival too is doing well. And now Kia will enter the sub four-metre compact SUV segment with the Sonet.

"The Sonet is based on the Hyundai Venue, built on our global platform," said Lorenz Glaab, VP and head, product management at Kia Motors India. The tiger nose grille looks sharp in the Sonet while the sleek LED headlights merge with the grille seamlessly. With the high bonnet and muscular creases, it looks nothing like the Venue.

At the rear, the swept back taillamps are connected with a horizontal LED bar united by the Kia logo in the centre. The Sonet will get a 10.25-inch touchscreen and a Bose sound system, along with ventilated front seats and Kia's connected car tech. Powertrains are expected to be the same as the Venue, with a 1.2-litre naturally aspirated petrol, a 1-litre turbo-petrol, and a diesel engine paired to manual and automatic transmission options.

KIA MOTORS

Kia Motors' extensive portfolio showcased at the Auto Expo 2020

KIA MOTORS ALSO LAUNCHED the Carnival at the Auto Expo 2020 at ₹24.95 lakh for the base Premium variant. The Carnival is a popular model globally, and bridges the gap between mass market MPVs like the Toyota Innova Crysta and the super-luxury Mercedes-Benz V-Class. The range starts with the



7-seater Premium variant followed by the 8-seater Premium. You can also have a 9-seater in the Prestige trim at ₹29.95 lakh. The range-topping Limousine variant is only available in a seven-seat configuration for ₹33.95 lakh.

Kia also showcased its global models like the XCeed crossover coupe, the Soul and Niro EVs with 450km range apiece and the Seltos X-Line concept, a go-anywhere rugged version of the Seltos among many other global cars.



CARNIVAL SITS BETWEEN MASS MARKET AND LUXURY MPVS



M2GO EV

Retro-styled e-scooter and a sportier sibling showcased

FOUNDED ONLY IN 2019, NEW Delhi based M2GO aims to make a foray into the growing domain of electric mobility. At the Auto Expo 2020, the company showcased two e-scooters, Model Civitas and Model X1. The former is a retro-styled offering, similar to the Bajaj Chetak while the latter sports a more modern design.

The Model Civitas is powered by a 2020W Bosch motor that is paired to a removable lithium-ion battery pack giving it a range of 120km on a single charge. It gets three riding modes – Eco, Normal and Sport. Top speed is limited to 45kmph in the Eco mode in the interest of range. In Normal and Sport modes, the top speed increases to 65kmph and 85kmph respectively. The Model X1 gets similar underpinnings albeit with a reduced 50kmph top speed. However it gets a funky X-shaped DRL making it look sporty. That said both e-scooters get standard features like digital-analogue instrument cluster, anti-theft alarm and USB charging among other features.



MAHINDRA FUNSTER

It is an all-electric SUV with a chopped roof

ELECTRIC MOBILITY WAS THE THEME OF the Auto Expo 2020, but an electric open-top SUV? No one saw that coming! Mahindra's showstopper was a radical concept, the Funster, which has scissor doors, a small wind deflector replacing a conventional windscreen and interiors right out of an Iron Man movie. The signature Mahindra grille is backlit in the Funster with LED lighting amplifying its effect. The open-top SUV features dual electric motors (one on each axle) delivering power to all four wheels. Claimed power output is rated at 226bhp along with a top speed of 200kmph. 0-100kmph takes less than 5 seconds and if that hasn't floored you, the car's 520km range with the 59.1kWh battery pack will. The Funster will not make it to production but expect to see certain elements of its styling on future SUVs.



MAHINDRA ATOM

Mahindra's last mile electric mobility solution

THE ATOM EV WILL TAKE ON THE DUTIES of a three-wheeler but with the safety of a four-wheeler and go on sale by the second half of 2020, unless the pandemic delays it. The Atom is Mahindra's idea of sustainable and green, future mass mobility. Its compact dimensions are highlighted by a small footprint, tiny wheels and a short wheelbase. The quirky exterior is complemented by a rather minimalist cabin. There's a tiny steering wheel, a rotary drive selector, a 12V charging socket, a smartphone holder and air vents. Nothing in the cabin looks far from production and visitors could even enjoy experience rides across the Auto Expo halls in the Atom. Though specifications will be revealed later, going by the classification of quadricycles, we can expect the Atom to have a power output of around 20bhp (using Mahindra's own 48kW electric drive system), with a top speed of about 60-70kmph.



MAHINDRA EKUV100

Say hello to the most affordable EV in India

MAHINDRA'S EV PROGRAM IS PROGRESSING at full pace with the eKUV100. There are subtle changes distinguishing it from the KUV100 – a closed front grille and the charging port located on the left front fender. It uses a 40kW electric motor that generates 120Nm of torque. The eKUV100's battery pack also gets liquid-cooling to maintain optimal temperature, something that would be absolutely necessary in India's hot summers. There's also fast charging compatibility and Mahindra claims the fast charger will juice up the battery from 0 to 80 per cent in just 55 minutes. The claimed range on a single charge is 150km. On



the pricing front, the eKUV100 costs ₹8.25 lakh (ex-showroom, Delhi), inclusive of the FAME II scheme benefits, making this the most affordable electric car in India currently. "Now there is no reason not to own an electric car," remarked Pawan Goenka, president Mahindra and Mahindra at the launch of the eKUV100 at Auto Expo 2020.



CLAIMED DRIVING RANGE OF THE EKUV100 ON A SINGLE CHARGE IS 150KM

MAHINDRA EXUV300

Showcasing Mahindra's design direction for EVs

IF THE EKUV100 IS NOT PREMIUM ENOUGH for you, Mahindra also has an electric version of the XUV300 in the works. Dubbed as the eXUV300, the new compact e-SUV is based on Mahindra's future electric vehicle platform called the Mahindra Electric Scalable and Modular Architecture (MESMA). It's the same platform that recently received a 5-star Global NCAP rating. The electric XUV300 will have more range and more power compared to the eKUV100 though details haven't yet been revealed. What Mahindra is confirming is that the eXUV300 on display showcases the future design direction of the brand for electric vehicles. It features a blanked-out grille and air dam with nifty styling elements, futuristic LED headlamps and taillamps, and a radical design for the alloys. Proportions remain exactly the same however, there are plenty of blue inserts all around to distinguish it from its ICE-powered counterpart. The eXUV300 will be available in two variants – standard (targeted at the Nexon EV) and performance (taking on the Kona EV). The production version is expected to go on sale next year.



THE EXUV300 WILL HAVE MORE RANGE AND MORE POWER THAN THE EKUV100



MAHINDRA'S BS6 CVs

A look at Mahindra's lineup of goods- and people-movers

MAHINDRA ALSO SHOWCASED ITS CVs: the Blazo X heavy truck, Bolero Maxitruck pick-up, Cruzio bus and Furio medium capacity hauler. The Blazo X is Mahindra's flagship long-distance haulage model and is offered in cabin and chassis vehicle options, with varying capacities of 28, 35, 42 and 49 tonnes. Powering the Blazo X is Mahindra's BS6-compliant 7.2-litre mPower diesel engine, good for 274bhp and 950Nm. It has a 415-litre fuel tank with a separate 50-litre tank for AdBlue. Next was the duo of buses – the 42-seater Cruzio and 65-seater Cruzio Grande, both of which share the brand's MDi 3.5-litre diesel engine, making 140bhp and 525Nm. Mahindra displayed the Furio in container guise, though it is also available in open cargo (HSD) and refrigerated (reefer) options. Also on display was the brand's Bolero maxitruck pickup, a variant of the two-decade-strong Bolero badge, and a staple in India's small towns. The Bolero maxitruck, with a payload of 1200kg, uses an m2DiCR 2.5-litre inline-four diesel engine making 62bhp and 195Nm.



THE BLAZO X IS THE BRAND'S FLAGSHIP LONG-DISTANCE HAULAGE MODEL





MARUTI SUZUKI CONCEPT FUTURO-E

The concept hints at future
Maruti Suzuki designs

MARUTI SUZUKI SHOWCASED THE FUTURO-E AS A design study. A stylish coupe SUV, the Concept Futuro-e gets a striking lighting element that runs horizontally across the front. The Futuro-e gets angular bodywork where the grille would be in an ICE-equipped car. It gets a high shoulderline like most coupe-SUVs do, which neatly merges with the strong muscular rear haunches and continues on to the taillamps which run across the back horizontally.

The Futuro-e signifies the brand's surge towards a greener future with Mission Green Million under which Maruti Suzuki plans to bring one million green vehicles on the road. The Futuro-e has futuristic interiors that feature flexible swivelling travel seats. Several of these design touches could make their way into future Maruti Suzuki SUVs. Also showcased was the Swift Hybrid with Suzuki's hybrid system that employs idle stop/start, regenerative braking and torque assist. Maruti Suzuki intends to introduce vehicles with technology developed along similar lines to the Indian market soon.



SUZUKI JIMNY

The Suzuki Jimny came as a surprise and was a major crowd puller

THE FOURTH-GENERATION Suzuki Jimny has thrown the enthusiast community into a frenzy, thanks to its compact proportions, off-road capability and iconic looks – and it finally appeared at the Auto Expo on the third day of the show, as a surprise! The one on display was the European-spec long

wheelbase version with Suzuki's K15B 1.5-litre petrol engine. The latter is related to the engine under the hood of the Ertiga, Ciaz, XL6 and the recently facelifted Vitara Brezza. It makes 103bhp and comes mated to a five-speed manual with the option of a four-speed torque convertor. It also gets full-time four-wheel drive with low range. There was a reason the Jimny was decked



out in olive green – army orders had kept the Gypsy alive for nearly three decades and if the army takes to the new Jimny then a business case could be made for bringing this to India. After all, the Jimny will be the only vehicle in the Maruti Suzuki portfolio that is not on the Heartect monocoque platform (apart from the Brezza and Ciaz) and that will mean setting up a whole new line for something that will struggle to hit triple-digit monthly volumes. However, as a brand and image shaper, the Jimny could do absolute wonders.



THE SUZUKI JIMNY COULD BE A BRAND AND IMAGE SHAPER



MARUTI SUZUKI IGNIS

The Ignis gets some aesthetic changes and a BS6 petrol engine in its 2020 avatar



MARUTI SUZUKI SHOWCASED the updated Ignis at the Auto Expo 2020. It now comes with a BS6 petrol engine and some minor cosmetic tweaks. The major changes are restricted to the front of the new Ignis. The front bumper in conjunction with a new grille and faux skid plate, freshens up the face. The rear too gets a new bumper and a faux skid plate. Maruti Suzuki is offering the Ignis with two new colour options. The Ignis gets a BS6 version of Suzuki's tried-and-tested 1.2-litre K12 engine which continues to make 82bhp and 113Nm of torque, exactly like in the outgoing BS4 model. The Ignis is rated rather highly and now let's see if the updates and its repositioning as a 'Compact Urban SUV' can help Maruti Suzuki boost sales.

UPDATED VITARA BREZZA

Diesel goes out; petrol comes in along with styling tweaks

MARUTI SUZUKI SHOWCASED the updated Vitara Brezza with its tried-and-tested 1.5-litre petrol engine, with the diesel now discontinued. The petrol motor makes 103bhp and 138Nm and Brezza buyers can choose between 5-speed manual and 4-speed automatic transmissions. Maruti Suzuki took the 'why fix it, if it ain't broke' approach and the facelift gets subtle updates. There's a new grille, new DRLs and LED headlamps. The bumper is redesigned with a large skid plate, finished in silver. You also get diamond-cut 16-inch alloys. At the rear, the new LED taillights remain the only new elements. The Brezza now is a tougher competitor to the Hyundai Venue and the Kia Sonet.





NEW GLA

The all-new GLA is sleeker, roomier and feature-rich



THE GLA IS THE SMALLEST SUV from Mercedes-Benz and is set to be launched soon. It gets refreshed styling, in line with the new design philosophy that Gordon Wagner and his design team have showcased with the latest generation of the GLE and the GLS. The new GLA retains its compact footprint but has grown on the inside and offers better rear-seat comfort. It also gets smoother surfaces and new details like redesigned headlights and taillamps. On the inside, the GLA gets a refreshed cabin that feels more premium. It also gets MBUX infotainment like most new cars with the three-pointed star. Powering the GLA will be a 2.0-litre turbo-diesel engine with 190bhp and 400Nm. We might also get an entry-level model with a 1.3-litre turbo-petrol engine making 163bhp, mated to a 7-speed dual-clutch automatic transmission.



A-CLASS LIMOUSINE

Mercedes-Benz CLA replaced with the A-Class Limousine



THE CLA IS NO MORE, WITH Mercedes-Benz christening its replacement as the A-Class Limousine. This small four-door sedan will be the entry point for customers to the three-pointed star and dealers are already taking bookings with deliveries to start in Q3 of 2020. Pricing is expected to be in the region of ₹40 lakh. While the A-Class Limousine will get the same petrol and diesel engines as the GLA, enthusiasts will love the fact that Mercedes will also bring in the hot AMG A35 in India. Shown in a searing yellow shade at the Auto Expo, the A35 gets a turbocharged 2.0-litre four-pot producing 300bhp and 400Nm. Paired to a seven-speed DCT, the A35 gets a 0-100kmph time of 4.8 seconds. It comes with diamond studded grille and sharp LED headlamps with eyebrow-like DRLs. It also gets power-assisted front seats, digital instrument cluster, wireless charging and the MBUX infotainment system.



AMG GT 4-DOOR

Most powerful car at the Auto Expo 2020

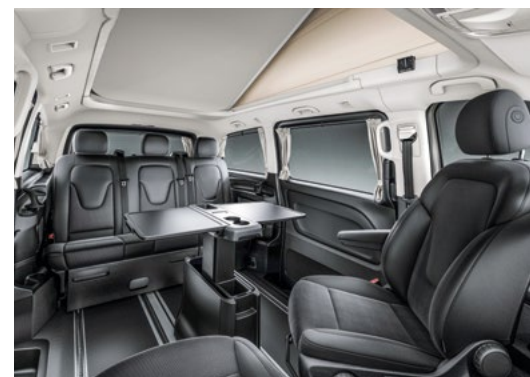
THE BELLE OF THE BALL WAS the Mercedes-AMG GT 63 S 4-Door Coupe, which the brand boldly claimed was the fastest production four-seater at the Expo. Powered by a 4-litre twin-turbocharged V8 producing 635bhp, it gets you from 0-100kmph in 3.2 seconds and has a top speed of 315kmph. It also packs swanky features like rear axle steering, limited-slip differential and race and drift modes among many others. The AMG GT 4-Door shares its lines with the AMG GT Coupe with the long hood giving it a sporty grand tourer look. The brand also showcased the all-electric EQC 400 4MATIC. The EQC packs a massive 80kWh lithium-ion battery that gives it a range of 445-471km on a single charge.



V-CLASS MARCO POLO

Forget the hotel! The Marco Polo opens up to reveal a bed, a kitchenette and lots more

MERCEDES-BENZ INDIA set up camp at the Auto Expo with the V-Class Marco Polo. The Marco Polo is priced ₹1.46 crore and has place for up to five people to sleep with a roof that extends upwards. The Marco Polo Horizon is priced at ₹1.38 crore and has space for four people to sleep, on a pair of two-seater benches. The brand has also added MBUX infotainment and comfortable sofas with provisions for entertainment screens. The Marco Polo gets a modular kitchenette equipped with two gas burners, a sink, a compressor-based refrigerator, a folding table, a 38-litre fresh water tank and a 40-litre waste water tank. Standard safety features include window bags and thorax-pelvis side bags for the front passengers along with Attention Assist warning. Both variants get a BS6 2-litre diesel engine, making 200bhp and 380Nm of torque. Now with the Marco Polo, there's no need to bother with hotels on your next roadtrip.



MG GLOSTER

A full-size 4WD SUV based on the Maxus D90

MG MOTOR INDIA ALREADY MADE A name for itself in two very different sectors: the mid-size SUV market and the nascent electric SUV market. And now the brand is aiming big and high (literally) with its Gloster full-size SUV which, the brand claims, is headed to the Indian market very soon.

MG has chosen the name Gloster as it pays homage to the brand's British origins, since this was the name given to one of Britain's early jet-engined fighter aircrafts, the World War II-era Gloster Meteor. The Gloster is based on the D90 which is sold under the Maxus brand. It is a 'proper' 4x4 ladder-frame chassis SUV, with three rows of seats, and in terms of size and stance, the Gloster has a presence at par with full-size SUVs. MG will be positioning it as the brand's flagship. Most SUV customers prefer diesels and MG should cater to them by giving the Gloster the 2-litre 170bhp turbo-diesel engine made in India by FCA, and it could



also have a nine-speed automatic transmission as an option. But that's just speculation. The Gloster will go up against the Ford Endeavour, the Mahindra Alturas G4 and the Toyota Fortuner.



IT'S NAMED AFTER THE WW2 ERA GLOSTER METEOR FIGHTER AIRCRAFT

HECTOR PLUS

The six-seater variant of the Hector was unveiled at the Auto Expo 2020

MG MOTOR FIRST UNVEILED THE Hector Plus, the six-seater variant of the popular Hector mid-size SUV at the Auto Expo 2020. It has now been launched in India at ₹13.48 lakh, ex-showroom. With the addition of a third row, the Hector has grown over 65mm in size. Differentiating it from the Hector are cosmetic additions both inside and out which, include a new all-black grille, new LED DRLs, redesigned front and rear bumpers, new

design for the headlamp cluster and fog lamps, new taillamps and revised front and rear skid plates. On the inside, the three-row Hector Plus gets two captain seats for the second row, similar to that of the Toyota Innova Crysta. The interiors get few mild cosmetic updates to go with the vertical 10.4-inch touchscreen, the large panoramic sunroof and MG's connectivity suite. Powering the Hector Plus are the same 1.5-litre petrol and 2-litre turbo-diesel engines as the ones doing duty on the Hector.



MG G10

The G10 is MG's fully connected luxury van that will be launched in India after the Gloster

MG MOTOR INDIA SURPRISED everyone at the Auto Expo by unveiling the G10 luxury MPV, to be launched after the Gloster. The G10 is the brand's first full-sized luxury MPV and MG has big hopes for it, as it already sells in markets such as Australia, New Zealand, Middle-East and South America including Chile and Peru. The G10 gets flexible seating configurations, a panoramic sunroof, a touch-free smart sensing rear door, as well as automatic sliding doors. And as is the MG characteristic so far, the G10 will be fully-

connected, and fully-equipped with the latest updates to the brand's iSmart technology. Internationally, the G10 is offered with a 2-litre turbo-petrol engine, a 2.4-litre naturally aspirated petrol, and a 1.9-litre diesel in select markets. However, don't be surprised if MG equips the G10 with an FCA-sourced diesel that does duty in the Hector. With the launch of the Kia Carnival, Mercedes-Benz V-Class and the Toyota Vellfire, premium and luxury vans are gaining momentum in India. However, there's a huge price difference between the likes of the Carnival and the V-Class and the G10 might just bridge this gap.

NAHAK MOTORS

Electric motorcycles with over 150km range unveiled

KOLKATA BASED NAHAK Motors launched two EVs at the Auto Expo. The start-up began operations as an e-rickshaw manufacturer and now it has expanded to electric motorcycles as well. The Model RP-46 has a 3000W motor and Model P-14 has a 5000W motor. Both bikes get dual discs up front and a single disc at the rear. Maximum speed is 120kmph and the range is 150-180km. Nahak Motors’ products are made in India and the company is also a component supplier to over 20 OEMs. Bookings for both EVs are open.



OMEGA SEIKI

Introducing two of India’s first cargo EVs

OMEGA SEIKI, THE EV ARM OF steel conglomerate Anglian Omega Group, showcased the Singha and Singha Max cargo three-wheelers. They have a range of 100km with a payload capacity of 500kg. The former has a top speed of 45kmph while the latter gets to 60kmph. Charging time is only two and three hours. They get brake energy regeneration as well and have a healthy torque output of up to 80Nm, depending on the variant.

OKINAWA CRUISER

India’s first electric maxi-scooter

OKINAWA UNVEILED ITS CRUISER electric maxi-scooter at the Auto Expo. It gets a 3kW motor fed by a 4kWh detachable lithium-ion battery that gives it a range of 120km. Fast charging allows a full charge in 2-3 hours while top speed is 100kmph. There are disc brakes at both ends, telescopic forks and dual coil springs at the rear. Prominent features include keyless on/off, mobile charging port, speed lock, geo-tracking. Once launched the Cruiser will be the only electric maxi-scooter in the country.



OMJAY EV

Two funky electric two-wheelers showcased

OISHA BASED OMJAY EV unveiled their EeVe India electric scooter brand at the Auto Expo 2020. The brand showcased two electric two-wheelers, called the Forseti, a retro-styled e-scooter and the Tesero, an electric motorcycle. They are both equipped with hub-mounted electric motors and feature two swappable batteries each. Both have a charging time of 3-4 hours. While the e-scooter has a claimed range of 100km, the electric motorcycle has a range of 120km on a single charge. The former has a top speed of 60-70kmph while the latter is faster at over 90kmph. At the time of the Auto Expo 2020, the brand had a manufacturing capacity of 12,000 units per annum and they plan to expand to over 50,000 units in the next few years, depending on demand.

OLECTRA-BYD

The C9 is India’s first inter-city electric bus

NITIN GADKARI, MINISTER FOR Road Transport & Highways, Shipping and MSME, unveiled Olectra-BYD’s C9, India’s first inter-city e-bus. It gets 45 to 49 seats depending on the configuration. The 12-metre C9 can travel up to 300km in a single charge with a lithium-ion battery with fast charging capability. It gets push-back seats, an infotainment system, Wi-Fi and USB chargers. It also gets five cubic metres of luggage space. It has a power output of 482.7bhp and a top speed of over 100kmph. The buses are manufactured in India by Olectra Greentech in a tie-up with BYD Auto Industry Co Ltd, the world’s largest EV company. Olectra-BYD also showcased the eBuzz city bus and the K6 mini-bus.



PIAGGIO

Aprilia SXR 160 and Piaggio’s EV plans

AN INTERESTING PRODUCT AT the Piaggio stall was the Vespa Elettrica. Although Piaggio hasn’t revealed launch plans, it believes that electric mobility will have strong market growth in the next three to five years. Piaggio is evaluating an EV for India which will be completely developed in-house. Moving on, Aprilia’s exciting showcase was the SXR 160 maxi scooter, slated for launch soon. It will be available with 160cc and 125cc engines. The SXR gets 12-inch wheels with a front disc brake along with ABS. It also gets twin LED illumination, digital console and USB charging along with optional connectivity features. Piaggio also showcased their 2020 range of Vespa and Aprilia models that are slated to go on sale by the end of 2020.



RENAULT KWID EV

Renault's first electric vehicle for India to arrive by 2022

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ENALUT INDIA IS PLANNING TO assemble the K-Ze in India (likely to be rechristened Kwid Electric) and launch it by 2022. Based on the CMF-A platform, the K-Ze is powered by a 26.8kWh battery which is mated to a 33kW motor, generating a healthy 125Nm of torque. The claimed NEDC range is 271km and the top-up time is 4 hours on an AC charger while on a DC charger, it is



claimed to be 30min (30-80 per cent). The K-Ze doesn't look vastly different from the regular Kwid with the exception of a rehashed grille. Its Interiors are similar to the Kwid with an 8-inch touchscreen, semi-digital cluster and the same gear-selector as seen on the Kwid AMT. The Zoe, on the other hand, made its debut at the Auto Expo 2018 but this time Renault has plans to bring it to India by 2022. A lot of spy shots have gone viral and the only difference on the Indian car will be underbody protection. The Zoe sold abroad gets a 52kWh battery with a 133bhp motor. The range is impressive at 395km (WLTP).

Renault also showcased the Twizy Cargo, the Vision R.S. 2027 and the Symbioz concept at its pavilion. The 2027 is a gorgeous F1 concept with big and wide displays, AWD and rear-wheel steering, and a cockpit that is completely transparent. It has a closed cockpit for maximum safety unlike the current generation F1 cars but it showcases autonomous features that would activate in case of accidents, like opening the lid by itself after sensing a crash. Lastly, the Symbioz concept is a futuristic mobility solution that comes with autonomous driving and front seats that swivel 180 degrees to convert the cabin into a lounge on wheels.



THE RENAULT KWID ELECTRIC IS LIKELY TO BE LAUNCHED BY 2022

TRIBER AMT

Renault Triber now with the convenience of an AMT

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HE RENAULT TRIBER AMT THAT WAS launched during the lockdown was first showcased at the Auto Expo. The Triber has been a game-changer for Renault, making it one of the few brands to have sustained

growth in FY2019-2020.

The Triber AMT continues to be powered by the 1-litre, 3-cylinder petrol motor that makes 70bhp and 96Nm. But in the future we expect Renault to offer it with an all-new 1-litre, three-cylinder, turbo-petrol engine which was also on display at the Renault pavilion.

Over 28,000 Tribers have been sold in India and Renault is betting big on its budget 7-seater by launching it in South Africa soon.



PIRELLI

Pirelli's new performance and all-terrain tyres

P

IRELLI HAS LAUNCHED TWO NEW TYRES.

The Cinturato P7 EVO, a passenger car tyre and the Scorpion MTR off-roading tyre are two new offerings from the brand.

The Scorpion MTR is an all-terrain, all-weather tyre designed for pickup trucks, SUVs, and off-road vehicles. It is only available with 16-inch and 17-inch rims. The tyre has large grooves that help find traction under low-grip conditions. Alternating shoulder scoops and large tread lugs provide maximum traction, especially during aired-down, off-road operations.

The Cinturato P7 EVO tyre has been developed to perform in extreme driving conditions. It has an intelligent design including broad inner ribs, a combination of circumferential and lateral grooves for improved braking, water expulsion and on-road comfort.

RALSON INDIA

New tyre technology from Ralson India employs silica

R

ALSON INDIA LTD LAUNCHED THE NEW 'eco-friendly' tyres at the Auto Expo 2020.

The 120/80 section 18-inch tyres for two-wheelers christened 'Eco Racer' have been developed to optimise efficiency and performance. Unlike conventional tyres that comprise of high rubber content and petroleum-based materials, the Eco Racer tyres pack higher silica proportions. Thanks to this, there's less use of petrochemicals for a better carbon footprint.

Silica reduces the friction between the road surface and the tyres allow low-rolling resistance that enhance performance. The compound of Ralco Eco Racer is recyclable through the process of de-vulcanisation which enables easy recovery of materials from used and worn out tyres.





SML ISUZU

SML Isuzu displays its new-age BS6-compliant commercial vehicles

SML ISUZU WAS THE FIRST company to manufacture and supply state-of-the-art fully-built buses, ambulances and custom vehicles. The Auto Expo was an opportune moment for the brand to showcase its next-generation CVs. The Hirol touring bus is powered by a 3.5-litre BS6 compliant turbo-diesel engine that makes 114bhp and 400Nm of torque. On the inside, it gets reclining seats with seatbelts, grab handles and bottle holders, USB and Bluetooth connectivity, LCD screen, individual AC louvers and LED

reading lamps for each seat. These are more than what regular touring buses offer and could make long journeys comfortable. SML Isuzu also showcased the Samrat GS and Sartaj GS trucks, both of which are also powered by a 3.5-litre BS6 turbo-diesel engine, albeit in a different state of tune. They make 101bhp and 315Nm of torque, ample for haulage of goods. On the features front, they come equipped with a telematics feature for real-time vehicle location, service reminder, trip report, vehicle health report and emergency support. Quite similar to what the new-age connected cars offer.



SUZUKI MOTORCYCLES

Suzuki was one of the few two-wheeler giants to participate at the Auto Expo 2020

SUZUKI, ONE OF THE FEW two-wheeler giants at the Auto Expo 2020, launched its BS6 lineup which includes the Access 125, Burgman Street 125, the entire Gixxer range, Intruder 155 and the V-Strom 650 XT. None of the BS6 models flaunt any major updates, but the Gixxer 250 and Burgman Street 125 were also displayed in the MotoGP livery that's seen on the Gixxer SF models. Suzuki will be evaluating the audience response at the Expo and based on customer feedback, they might launch it later this year. Suzuki's MotoGP machine, the GSX-RR, too was on display at the Suzuki stall along with the Katana the retro-styled litre bike. The Hayabusa on display was in BS4 iteration.

Suzuki also set up a virtual reality racing station with the 2019 Gixxer SF 250 Cup bikes. This was a major attraction for crowds as they could now race using VR goggles feeling the thrills of the racetrack thanks to the simulated setup at the Suzuki pavilion. Koichiro Hirao, managing director, Suzuki Motorcycle India said, "Suzuki's growth for FY2019-20 has been fuelled by a superior performance product portfolio. We aim to continue the image of premium two-wheeler brand in the country by further adding value to the overall customer experience. The new fiscal year holds newer challenges as we get set to roll out the all-new BS6-compliant products, strengthen our motorcycle offering and continue to emphasise our growth strategy for the Indian market."



SKODA'S BS6 RANGE

Skoda also showcased its range of BS6 sedans and SUVs

S **KODA** **DISPLAYED** almost its entire BS6 range, including the 2020 Karoq, updated Rapid, 2020 Superb and the Octavia RS 245, all with significant upgrades over older versions.

The Karoq is successor to the Yeti and it has been launched in India at ₹24.99 lakh, ex-showroom. It gets the 1.5-litre TSI that churns 148bhp and 250Nm. It has three separate rear seats and premium features like connected car tech, digital cockpit, panoramic sunroof and adaptive LED

headlights among others.

Another important car showcased was the Rapid with the 1-litre TSI engine. It has been launched at ₹7.49 lakh, making it the most affordable turbo-petrol mid-size sedan in India. Its 1-litre TSI engine makes 108.5bhp and 175Nm, making it sprint to 100kmph in close to 10 seconds.

Good ol' luxury sedans garnered attention as well. The 2020 Superb now sports redesigned bumpers, grille and matrix LED headlamps. Replacing the 1.8-litre TSI engine is a new BS6 2-litre TSI unit, good for 187bhp and 320Nm of torque.



It is mated to the 7-speed DSG. It is one peppy sedan, with a 0-100kmph time of 7.7 seconds and a top speed of 240kmph.

Skoda also launched the Octavia RS 245 at the Auto Expo 2020 at ₹35.99 lakh, ex-showroom. The brand allocated only 200 units for India. It is powered by a 2-litre TSI making 242bhp and 370Nm and is mated to the 7-speed DSG. It sprints to 100kmph in just 6.6 seconds and gets an electronically limited top whack of 250kmph.



THE SUPERB GETS TO 100KMPH IN 7.7 SECONDS

SKODA VISION IN

The Vision IN SUV makes a striking appearance at India Expo Mart

S **KODA** **SHOWCASED** **ITS** first SUV based on the Volkswagen MQB A0-IN platform at the Auto Expo 2020. Called the Vision IN concept, it is slated to be launched in 2021.

The Vision IN gets the typical butterfly grille with vertical slats. From the side, the straight roofline with panoramic glass roof and aluminium roof rails convey a sporty appearance. The L-shaped LED taillights are connected by an LED light bar for a sophisticated look. The Vision IN will have a 1.5-litre TSI motor mated to a 7-speed DSG,

making an identical 148bhp and 250Nm, giving the Vision IN a claimed 0-100kmph time of 8.7 seconds, and a top speed of 195kmph.

The interiors meld traditional Indian themes with classical Czech crystal design, evident in the decorative trim as well as the all-new crystal button on the dashboard, the interface reflecting on the free-standing 12.3-inch infotainment screen. Elsewhere, there is liberal use of recycled materials, like Oak leather and Rhubarb leather. The floor mats are made of Pinatex, a fabric made from waste pineapple leaves. Though



the interiors are far away from production, the overall architecture may remain.

When it arrives on our shores in 2021, the Vision IN will compete with the likes of the Hyundai Creta and the Kia Seltos.



THE VISION IN'S CLAIMED 0-100KMPH TIME IS 8.7 SECONDS



TATA'S CONCEPTS

Stunning Sierra EV and the HBX concepts steal the show

THE SHOWSTOPPER AT THE Tata Motors pavilion was the Sierra EV concept. It's an iconic nameplate and the new Sierra will be an evolution of Tata Motors' Impact 2.0 design language.

The nose has what Tata Motors terms 'flush tech' while SUV credentials are emphasised by the underbody cladding, bash plates and rugged cues. In profile, the Sierra concept harks back to the past with the large window graphic that defined the original Sierra, yet with the practicality of a sliding rear door. The cabin, termed digital detox, is pure concept with the swivelling front passenger seat and a sofa for the rear seats. Under the hood is an electric powertrain that will have more performance and



THE SIERRA EV HARKS BACK TO THE PAST WITH THE LARGE WINDOW GRAPHIC

better range than the Nexon EV. The Sierra SUV is estimated to hit showrooms in under 18 months, with both EV and ICE powertrains.

There was another important SUV standing next to it and this you will be able to buy very soon. The HBX concept slots into a new micro-SUV segment that has caught the fancy of carmakers and Tata Motors is firmly in step with the trend. The concept shown is ready for production and save for the chunky off-road

wheels, roof rack and bash plates, this is what the production car will look like. The HBX borrows plenty of design cues from the Harrier, mainly the slim LED DRLs eyebrows and the headlamps integrated into the bumper. Based on the new ALFA architecture from the Altroz, it will get the 1.2-litre naturally aspirated petrol and the 1.2 turbo-petrol will come along in due course. As for rivals, apart from the Mahindra KUV100, this could be in a class of its own.

And lastly, Tata Motors also showcased the Altroz EV at the motor show. It is expected to use Tata's Ziptron powertrain that uses a single motor to power the front wheels. Expected range is of 250km and it can be charged to 80 per cent in just 60 minutes using a DC fast charger. The Altroz EV is one of the four EVs that Tata Motors is planning to launch in the next two years.



UPCOMING TATA CARS

New and exciting cars for Tata Motors' fans to look forward to

TATA MOTORS SHOWCASED other cars like the Gravitas seven-seater, 2020 Harrier and the Altroz EV. Starting with the Gravitas, its design is similar to the Harrier. Stand out elements are split LED taillamps and a raised roof at the back to add more headroom for an extra row of seats.

Moving on, the 2020 Harrier that has already been launched in India at ₹13.69 lakh was also displayed at the Auto Expo 2020. It now gets a 6-speed automatic transmission option along with a more powerful 168bhp 2-litre turbo-diesel engine. An added feature is the panoramic sunroof for a better sense of space and airiness in the cabin.





TATA MOTORS' CVs

Tata Motors shows off its broad portfolio of new-age commercial vehicles

TATA MOTORS SHOWED the new Winger at the Auto Expo. It is fresh, feature-rich and tech-laden. The styling has been carried over from Tata Motors' passenger vehicles arm, with the bumper-integrated headlamps and DRLs near the grille united by a thick strip of chrome.

The new Winger gets a car-like cockpit, and it also boasts of a rear park-assist system to make managing its size easier. For the passengers, it is loaded with features like individual AC vents, multiple USB ports, and lap belts for all seats. It is driven by a 2.2-litre Dicor engine that makes 100bhp and 190Nm, and is mated to a five-speed gearbox. It has a front-wheel drive system for better traction, better NVH and lower weight.

Another highlight was the new Prima 5530.S facelift. The industrial load-hauler

gets a new cabin, updated front fascia and restyled exterior. It gets a 6.7-litre diesel engine that puts out 300bhp and 1100Nm.

Tata also showcased its entire range of BS6-ready CVs including the Starbus LNG, Intra load carrier, Ultra heavy duty truck and ACE Gold among many others.



THE NEW WINGER GETS A CAR-LIKE COCKPIT



KABIRA MOBILITY

Kabira Mobility's youthful e-scooters with funky designs showcased

GOA-BASED ELECTRIC VEHICLE start-up Kabira Mobility showcased as many as six two-wheelers at the Auto Expo 2020 with prices ranging from ₹42,990 to ₹1.12 lakh, ex-showroom. The products seem targeted towards the youth. The range includes electric scooters like the Kollegio, Kollegio Neo, Kollegio Plus, Intercity, Intercity Neo and KM3000.

The KM3000 is an e-motorcycle while the rest are all e-scooters with funky designs, with primary target audience being college students. The e-scooters share a 250W electric hub motor that can be paired to either lead-acid or lithium-ion

battery packs. On a single charge the range varies between 80km and 90km, depending on the model while charging time ranges between six to eight hours. They are all built around a reinforced steel chassis and apart from their unique and distinct designs there are only subtle differentiating elements in terms of features. Top speed is a modest 24kmph, similar to many Evolet e-scooters that were also on display at the Auto Expo 2020.

The start-up has two manufacturing hubs across India and plans to expand its operations even further with its electric scooters, electric three-wheelers and charging solutions. Details about the e-motorcycle, however, are currently scarce.



JITENDRA EV

Jitendra New EV Tech showcase two offerings



JITENDRA NEW EV TECH TOOK birth as a research and development project for alternate fuel-powered vehicles. Today it has over seven products sold through more than 100 dealers across 30 Indian cities. At the Auto Expo 2020 the company showcased two new two-wheelers, the Klasoo e-motorcycle and the Yunik e-scooter.

The Klasoo electric motorcycle gets a range of 100km and a top speed of 130kmph. The motorcycle's lithium-ion battery comes with a three year/50,000km warranty, whichever comes first, for some peace of mind. It also has a touchscreen digital instrument cluster and will have two portable batteries to make charging easier. The Yunik scooter, on the other hand, gets slightly more range at 120km along with features like fault detection and side stand indicator.

The company also has its JMT range of e-scooters and JET range of electric cargo carriers on sale currently.





VW T-ROC

An admirable blend of style and power

VOLKSWAGEN IS KNOWN FOR high quality cars but with 'vanilla' styling. The T-Roc was VW's attempt to do something different and it is very desirable.

The T-Roc is high on the style quotient with a coupe-like form, large wheel arches, a contrast roof and a wide stance. It gets bright colours and conventional interiors. Features include an 8-inch touchscreen, wireless charging, panoramic sunroof and VW's connectivity suite.

It gets a 1.5-litre TSI petrol engine with active cylinder deactivation and is mated to a 7-speed DSG. The T-Roc has been launched at ₹19.99 lakh, sitting below the Tiguan Allspace in Volkswagen India's lineup.



VW TIGUAN ALLSPACE

Three-row functionality comes to the Tiguan

S EVEN SEATS, THAT'S A requirement that needs to be satisfied for a premium SUV to do respectable volumes in India. The Tiguan Allspace, launched in India at ₹33.12 lakh, ex-showroom, seeks to do just that. While the Tiguan has been admired by buyers as well as the media, it hasn't exactly set sales charts on fire.

With an extra 110mm added to the wheelbase, and 215mm to the overall length, the Tiguan Allspace now accommodates a third row of seats, and hopes to bring in more numbers. With diesels set to be retired from the entire lineup, the Allspace gets the 2-litre TSI petrol engine producing 187bhp, mated to a seven-speed DSG. The SUV also gets Volkswagen's 4Motion all-wheel drive system while styling revisions include a new grille, revised LED headlamps and a redesigned front bumper.



VOLKSWAGEN TAIGUN

Volkswagen's India-specific SUV to take on the Creta and the Seltos

VOLKSWAGEN PREVIEWED THE India-specific MQB-A0-IN platform based Taigun concept at the 2020 Auto Expo. The mass market SUV is aimed at a segment that has seen rapid growth in India and now Volkswagen aims to grab a big share of this pie. The mid-size Taigun will share components and underpinnings with the Skoda Vision IN concept that was also showcased.

Visually, it shares much of its design elements with the popular T-Cross SUV that's sold internationally. The India-spec Taigun will be longer (wheelbase increased by 100mm) for added legroom. A digital instrument cluster, large 8.0-inch

touchscreen and connected tech are expected as well. Also, the interiors are colourful and distinct; very different from regular Volkswagen cars. The Taigun is expected to be powered by a 1.5-litre, four-cylinder, turbo-petrol engine that makes 148bhp and 250Nm. It will also be available with a 1-litre TSI petrol engine, which debuted in India with the Polo TSI. A DSG gearbox will be available as an option while no diesel engine option will be offered to begin with.

The size of the Taigun puts it between the compact and mid-size SUV segments. A notchback is expected after the Taigun and will be the second offering from Volkswagen, built on the MQB-A0-IN platform.





HAIMA AUTOMOBILE

Chinese automaker Haima to kickstart its Indian innings with the E1 EV

CHINESE CARMAKER HAIMA Automobile made its Indian debut at the Auto Expo 2020. For its India operations, the brand has entered into a technical collaboration with the Bird Group, an Indian conglomerate, to manufacture the Bird Electric EV1 for the Indian market.

At 3680mm long, the EV1 is about as long as the Maruti Suzuki Celerio. It gets an upright and tall-boy like stance, something that would add to the sense of space and airiness on the inside.

It will be offered with two battery options, 20.42kWh or 28.5kWh. The former will provide a

range of up to 202km while the latter gets a range of 301km. With a power output of 30kW (40bhp) and torque of upto 150Nm, the Bird Electric EV1 won't be particularly quick and its focus would be on offering low-cost electric mobility for the masses.

The EV1 is likely to be manufactured at an upcoming plant in Manesar and the first batch of the EV was slated to roll out in twelve to fifteen months, but that is likely to be delayed due to the pandemic. Apart from the E1 EV, Haima also showcased the 7X MPV and the 8S SUVs to gauge public reactions on the brand's larger and more premium offerings.



SEHGAL ELMOTO

Start-up showcased two commercial EVs

PUNE-BASED SEHGAL ELMOTO displayed two commercial EVs. AYS, a foldable e-moped, gets an underseat battery and discs at both ends. Running cost is only 0.10 paise/km and it's built for short rides. Next up is the LocEI delivery EV. It gets a large raked windshield, and LED headlamps encircled by a thin LED strip. It sports skinny tyres and its small footprint means it can easily venture into the deepest pockets of the city.



SCOOTERS INDIA

Electric three-wheeler showcased

LUCKNOW-BASED SCOOTERS India Ltd, showcased their Vikram range of three-wheelers, including load carriers and transport vehicles.

The highlight was the Vikram Vidyut EV. It is a soft-top six-seater three-wheeler, powered by a 5.9kW motor and a 72V lithium-ion battery that gives it a range of 189km. SIL designs and develops a broad spectrum of ICE-powered three-wheelers as well.

EMOTE ELECTRIC

Prototype promises extended range of upto 300km

EMOTE ELECTRIC, KNOWN AS EMOTION MOTORS previously, showcased their prototype electric motorcycle, Surge. This is the same motorcycle showcased at the Auto Expo 2018, but this one is an improved version. Emote Electric claims top speed of 120kmph with a 10kW PMSM motor mated to a 4-speed gearbox. Claimed range is 100km on a single charge and with fast charging, the company claims a full charge in less than one hour. Interestingly, the range can be extended up to 300km by adding more modular battery packs. A steel trellis frame houses the battery pack and motor. The production timeline, pricing strategy and launch details are awaited.



EVERVE MOTORS

Start-up aims to foray into electric mobility

PUNE-BASED EVERVE MOTORS DISPLAYED ITS first prototype e-scooter at the Auto Expo 2020. The e-scooter with no name yet can be had with two electric motor options – 3.3kW or 5kW. The scooter tips the scales at 110kg and can hit a top speed of 110kmph (5kW). It can also hit 60kmph in 8.73sec, which is at par with 125cc, ICE-powered scooters. The makers suggest that it gets a modular, twin-battery pack but we'll have to wait for the production variant for more details, which is expected to go on sale by the end of 2020. Fast charging is available but the range has not been specified yet. There's one year warranty on the scooter and five years on the battery pack.

EVOLET INDIA

The brand displays a broad portfolio of EVs

EVOLET INDIA LAUNCHED THREE ELECTRIC TWO-wheelers at the Auto Expo, starting from an affordable price of ₹43,499. The entry-level models, the Polo and the Pony, are targeted at a younger audience and are suitable for short urban commutes. The third scooter, Derby is a low-speed electric scooter. All these scooters are ICAT-certified and do not require a driving license. They share the same 250-watt BDLC powertrain, which is capable of propelling the scooter to a maximum speed of 25kmph. Other products on display were the Warrior electric ATV and an electric motorcycle, Hawk. Evolet has 16 dealerships in India and intends to expand to 200 showrooms by the end of this year.



GWM'S R1 AND IQ

Haval and GWM EV will be the two brands launched by GWM in India



WM SHOWCASED ITS electric car capability with the R1 and iQ EVs which it brought under its ORA (Open, Reliable, Alternative) EV sub-brand. The R1 is built on the ME platform, the first platform exclusively for electric vehicles in China. Visually, it follows the urban neo-retro look, akin to the Honda-e while the iQ is positioned as a

pure electric compact sedan. The R1 has a 33kWh battery making 46bhp and 125Nm, and is capable of a top speed of 100kmph, limited in the interests of range, which is its trump card as GWM claims the R1 can do 351km on a single charge. On the inside, the R1 gets a 9-inch touchscreen with a user-interactive interface, six airbags, ABS, reverse camera with parking sensors, tyre pressure monitoring, and hill start assist.



GWM'S EXCLUSIVE PLATFORM FOR EVS IN CHINA

The iQ sedan, on the other hand, is equipped with a ternary lithium-ion battery and an e-motor, with an output of 59bhp and a 150kmph top speed. GWM says the iQ's range is about 401km per charge. Leather-wrapped steering wheel with infotainment controls, cruise control, and generous amounts of storage spaces were seen on the iQ on display. But GWM isn't rushing with their EV plans. They have committed to launch electric cars in India along with investing in the entire eco-system, including battery technology.



GWM'S SUV LINE-UP

China's largest SUV-maker to bring in Haval SUVs next year



WM IS THE LARGEST SUV-maker in China that owns the Haval, Great Wall EV and Great Wall Pickup sub-brands. For India, GWM has acquired General Motor

India's Talegaon factory and plans to invest an estimated total of ₹7000 crore.

GWM showcased the Concept H PHEV that has been designed to appeal to younger consumers. The brand claims its connectivity features will make the vehicle a part of the consumers' lifestyle. Another notable display was the Concept Vision 2025 e-SUV. It features face recognition, 5G-compatible infotainment system and Advanced Autonomous Driving modes. GWM wanted reactions to the Haval F7 and F7x because something similar, positioned against the Tucson, will be the first launch in India in 2021. Also being considered is the H9, a full-size SUV with three rows of seats and plenty of off-roading kit to take on the Toyota Fortuner and Ford Endeavour.



GWM PLANS AN INVESTMENT OF ₹7000 CRORE IN INDIA





WORLD CAR AWARDS

Finalists for the 2020 World Car of the Year were announced at the Auto Expo

THE PRESTIGIOUS WORLD CAR AWARDS made a pitstop at the Auto Expo 2020, with the motor show serving as a platform for the announcement of the 2020 World Car of the Year finalists. The 86-member jury nominated cars based on various parameters.

Finalists included the Range Rover Evoque, Mercedes-Benz GLB, Volkswagen T-Cross, Kia Telluride and Kia Soul EV among many others. The results were ultimately announced in the weeks following the Auto Expo and the

Kia Telluride emerged as the winner. Porsche took home not one but two awards with the Taycan – 2020 World Luxury Car and 2020 World Performance Car while the Kia Soul EV won in the 2020 World Urban Car category. Meanwhile, the World Car Design of the Year went to the Mazda 3 the brand's premium sedan/hatchback offering.

The pavilion housed former winners like the Volkswagen Polo, Jaguar F-Pace and Volvo XC60. Witnessing markets like India play a key role in the process gives us an idea of how influential the Indian automotive sector is.



AUTO TRADE DIALOGUE

Discussion on the future of the Indian auto sector

SOCIETY OF INDIAN AUTOMOBILE Manufacturers (SIAM) organised the 9th edition of Auto Trade Dialogue at the Auto Expo 2020 to discuss the present trade situation and future business opportunities in the automobile segment. The event was inaugurated by Chief Guest Shri B. S. Bhalla, Additional Secretary, Ministry of Commerce & Industry. Leaders of major industry bodies from countries like UK, Germany, Sri Lanka, Bangladesh, and Malaysia, apart from India, participated in the event. The theme of this conference was 'New Paradigms in the Automobile Industry: New Products and New Opportunities'. They discussed how trade and business practices can help address various issues including using technologies such as AI to manage challenges, evolving consumer trends, industry transitions to becoming more autonomous, affordable, connected and shared, to embrace EVs, and to incorporate better safety measures in order to reduce hazards on the road.



CONTINUING THE BILATERAL dialogue, a dedicated two-day meeting of the SIAM-JAMA 2W Group was organised for knowledge and experience sharing. The meeting saw participation from manufacturers of two wheelers from both SIAM and JAMA. Topics of mutual interest such as safety, environment, noise and electrification were discussed within the group.

SIAM-JAMA MEET

An array of global issues discussed



INDO-GERMAN MEET

Delegates explore future mobility solutions

SIAM ORGANISED A MEETING OF the Indo German Joint Working Group on Auto Sector, alongside the Auto Expo – The Motor Show 2020, to discuss the trends and challenges in the auto sector in India and Germany. Representatives from the German and Indian government and automotive industry participated in the meeting and shared their valuable inputs on developments happening in the automotive space in both the countries. Both India and Germany are major automotive manufacturing hubs having a far-reaching influence and impact on the global automotive scene.

AUTOMOBILE FINANCE SUMMIT

Collaborative efforts to boost automobile financing

THE AUTOMOBILE FINANCING summit kick-started deliberations on pertinent issues owing to economic slowdown. Chairman of SIAM Finance, Leasing & Insurance Group, Gopal Bansal, inaugurated the session. Currently the automobile finance and leasing industry is going through a churning, and new imperatives are emerging. The panel discussed other issues and industry trends like banking system transitions, connected ecosystem, digital banking system; impact on two-wheeler segment and future products in terms of subscription-based vehicle leasing systems.



FAMILY DAY

Family Days at the Auto Expo 2020 were a hit

AUTO EXPO INCLUDED SPECIAL ‘FAMILY Days’. There were a number of activities, from superbike and supercar shows, vintage vehicles on display and some interesting product unveils. A biker group from Delhi, Rise of Asphalt Riders, flagged off their ride from Delhi with 20 motorcycles and reached the India Expo Mart, promoting safe riding, encouraged by SIAM’s safe ride program. Another interesting attraction was the supercar pavilion. Supercars like the Aston Martin DB11 Coupe, Lamborghini Aventador and Porsche 911 graced the event.



CARTIST

Art to go with the innovative themes of the motor show

THE THEME OF AUTO EXPO 2020 DEFINITELY seems to be sustainability, judging by the number of electric vehicles around. Cartist was an art exhibition that imbibed that theme thoroughly. The exhibit aims to promote old car parts to “have a second life” and live on, as art, instead of being piled up as waste. Thanks to this, Cartist helped creative minds run free while also taking care of Mother Nature’s needs. There were various activities lined up at Cartist including, ‘Mai bhi Cartist’ for the visitors of the Expo to try their hand at painting a car, live paintings by artists and even a display of art cars made from recycled parts. With cars being scrapped early on in their life, Cartist was a great platform to help put waste to use.

GEMS SUMMIT

Demonstrating the potential for electric vehicles

SIAM ORGANISED THE FIRST GLOBAL Electrification Mobility Summit (GEMS). Over 200 delegates participated in this two-day summit that hosted three guest countries – France, Germany and Japan. In attendance were associations like VDA from Germany, JAMA from Japan and SMMT from the UK and ACMA, CII, IEEMA and IESA from India. The panel talked about Start-up to Scale-up, demonstrating that manufacturers and startups are ready to create a vibrant ecosystem of EVs.



TEST RIDE ZONE

A place to experience exciting cars and bikes

THERE WERE A LOT OF INTERESTING CARS and bikes at the Auto Expo 2020. This year, there was also an opportunity for enthusiasts to experience some of these vehicles at a dedicated test ride zone. The test ride zone had a separate area for car manufacturers and a separate zone for two-wheelers. Manufacturers like Skoda and MG Motor lined up their test vehicles at the test ride zone on all days of the Auto Expo. Every manufacturer had an allotted time period of 2-3 hours. Suzuki Motorcycles set up a special zone, wherein every enthusiast could get a taste of their fleet. Car enthusiasts also got a chance to get behind the wheel of their favourite cars and go for a spin around the zone.

LUCKY DRAW

Lucky draw gets overwhelming participation from show-goers

THE AUTO EXPO 2020 WITNESSED THE most footfall amongst public events in the country with lakhs of enthusiasts visiting India’s largest automotive show. To amplify crowd engagement, the Auto Expo 2020 organisers held a lucky draw where enthusiasts stood a chance to win exciting prizes. All they had to do was write their name and contact number on the Auto Expo entry ticket and drop it into a box. The prizes included a Maruti Suzuki Ignis, Hyundai Aura, Suzuki Gixxer 250 and Gixxer SF 250, Evolet Polo e-scooter and a Hero Lectro+ e-bicycle. Winners were announced on the last day. Invitation holders did not qualify for the lucky draw and registration was open only for normal pass holders. That said, the participation for this activity was overwhelming!



CIRCULAR ECONOMY

A lesson on environment and economy

SIAM, under the patronage of the Ministry of Environment, Forest & Climate Change and Ministry of Steel, organised an International Conference on ‘Recycling and Circular Economy in Automotive sector’ to showcase the circularity of materials in automotive sector and establish a ‘cradle-to-cradle’ model aimed at eliminating waste through recycling and reuse of end-of-life vehicles to ensure environment-friendly disposal. This conference was held in an attempt to highlight the continual utilisation of resources replacing the traditional linear economy, which envisages a ‘Take, Make, Dispose’ model of production, which is in line with the draft National Resource Efficiency Policy 2019, ELV Guidelines and Recycling Guidelines issued by the Government of India. On this occasion, Mr Rajesh Menon, Director General, SIAM said, “The circular economy envisages continual utilisation of resources replacing the traditional linear economy, which envisages a ‘Take, Make, Dispose’ model of production to increase sustainability.”

GAME OF NUMBERS

Interesting facts and figures about the mega event that was the Auto Expo 2020. From car launches to crowd footfall and everything in between

108

Total number of exhibitors who participated in the 15th edition of India's largest motor show. These included the country's largest carmakers, two-wheeler manufacturers, tyre makers, students and booming start-ups

1928

Media registrations from 13 countries made the Auto Expo 2020 a truly global event with record household reach (over 2000 crore) aided by extensive social media engagement

15

New innovative and pathbreaking concepts showcased at the Auto Expo 2020

35

Electric vehicles were launched at the mega event, providing a much needed boost to India's electrified future. We are now set to leapfrog towards sustainability

6.08

Lakh. That's the record footfall at the Auto Expo 2020. That's over half a million visitors, equivalent to the population of an entire town

70

Launches and unveils from global and national brands aimed to reignite action in the key Indian automotive sector

35

Manufacturers participated, showcasing their futuristic products

08

Global cars launched, including Mercedes-AMG GT 63 S 4-door Coupe, Mahindra EKUV100 and V-Class Marco Polo among others

58

Acres, total ground area of the Auto Expo 2020



ACMA

CII
Confederation of Indian Industry
Business and Beyond
125 Years: 1895-2020

SIAM

Accredited by
@OICA
The International Organisation
of Motor Vehicle Manufacturers



**THANK YOU
SEE YOU IN 2022**



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