

TATA MOTORS
Connecting Aspirations



EXPERIENCE THE JOY OF DAILY TRAVEL

Staff Transport Solutions

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SAMPOORNA SEVA
AAPKE SAATH HAR KADAM

TATA MOTORS INSURANCE
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TATA OK

TATA GENUINE PARTS
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TATA ALERT

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1800 209 7979

TATA MOTORS

For more information, please visit our website: www.buses.tatamotors.com, E-mail: businfo@tatamotors.com or call toll-free no. **1800 209 7979**. You can also contact our Sales Office: Tata Motors Limited, 4th Floor, Ahura Centre, 82, Mahakali Caves Road, MIDC, Andheri (East), Mumbai - 400 093.

*Terms & Conditions apply. CAUTION: Accessories shown in the picture or elsewhere do not constitute standard fitment. The specifications are merely indicative. Due to continuous product improvements, these specifications are liable to change without notice.



STARBUS ULTRA

STARBUS EX

Make the hassles of daily commute a thing of the past with Staff Transport Solutions from Tata Motors. Choose from the all-new variants of Starbus Ultra and Starbus Ex. These buses are aesthetically designed to enable passengers arrive at their destination in comfort and style. What's more, they offer you value-for-money with their smooth performance and low operating costs.

Read on to discover how these buses make sound business sense.

STARBUS EX



STARBUS ULTRA



STARBUS ULTRA

Whether it's the daily commute, city sightseeing or trips to the city outskirts by travellers, comfort is the foremost consideration. This is where Starbus Ultra scores with its unmatched features that ensure travel in utmost comfort all the way. So, expect ease of movement when you board or alight, and along the wide gangway inside. Enjoy excellent seating comfort with wider seats, armrests, wider backrests and higher leg room with reclining seats. Above all, enjoy smooth and peaceful rides with advanced suspension and the lowest levels of NVH (Noise, Vibration & Harshness) in the bus.



From the world leaders

Starbus Ultra is the latest offering from Tata Marcopolo Motors Limited, a joint venture between Tata Motors and Marcopolo S.A., Brazil. It conforms to the Government-mandated bus body code.

Applications

- Contract Carriage for Office Staff
- City Transportation
- Tours & Travel
- Feeder Service

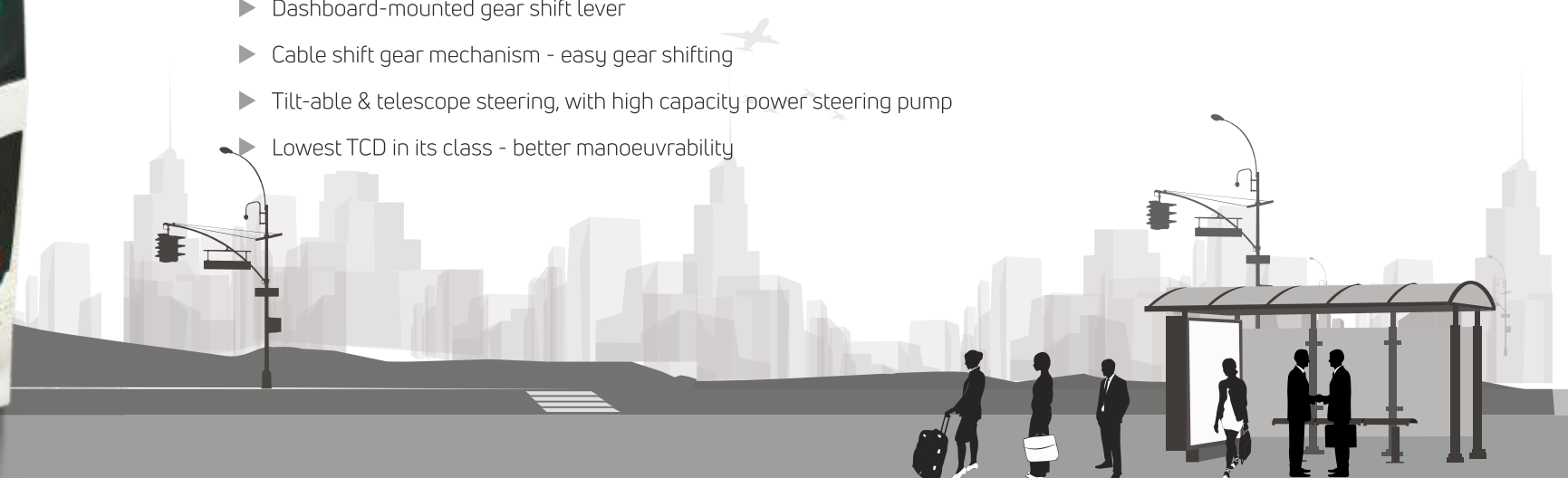


Technology

- ▶ Extra seats, thanks to front door near the driver, ahead of front axle (FOH: 1 800 mm)
- ▶ Widest chassis in its class - wider seats & aisle space for easy movement
- ▶ Longer wheelbase - 5 200 mm, 10 120 mm bus length - maximum in its category
- ▶ 6-speed gearbox with overdrive & cable shift mechanism - better road speed, higher mileage & better gearbox life
- ▶ Engine with viscous fan - better vehicle performance
- ▶ Wide tubeless radial tyres - longer tyre life
- ▶ Reliable & durable bus body - reduced maintenance costs & doubled service intervals

Driving experience

- ▶ 2-way adjustable driver's seat in partitioned area
- ▶ Dashboard-mounted gear shift lever
- ▶ Cable shift gear mechanism - easy gear shifting
- ▶ Tilt-able & telescope steering, with high capacity power steering pump
- ▶ Lowest TCD in its class - better manoeuvrability



STARBUS ULTRA

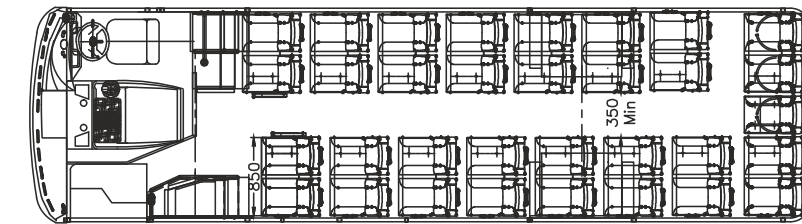
TECHNICAL SPECIFICATIONS

	33-seater	36-seater	41-seater	51-seater
Chassis Platform	LPO 7.5 T / 42 BS4 Diesel	LPO 10.2 T / 52 BS4 Diesel	LPO 10.2 T / 52 BS4 Diesel	LPO 10.2 T / 52 BS4 Diesel
Engine	3 L NG DICOR BS4 Engine			
Engine Power	104 kW @ 3 000 r/min			
Engine Torque	360 Nm @ 1 400 - 2 000 r/min			
Clutch Diameter	330 mm			
Gearbox	G550; 6-speed with Overdrive			
Brakes	Air Brakes			
Suspension	Parabolic Leaf Spring at Front & Rear			
Anti-roll Bar	Yes			
Steering	Power			
Battery	12 V, 150 Ah			
Alternator	90 A			
Tyres	225 / 75 R - 17.5	235 / 75 R - 17.5	235 / 75 R - 17.5	235 / 75 R - 17.5
Fuel Tank Capacity	120 l	160 l	160 l	160 l
Turning Circle Diameter	14 600 mm	17 700 mm	17 700 mm	17 700 mm
Max. GVW	7 700 kg	10 200 kg	10 200 kg	10 200 kg
BODY				
Seating Capacity & Layout	33 + 1 (2 x 2)	36 HBR + 1 (2 x 2)	41 + 1 (2 x 2)	51 + 1 (3 x 2)
Structure	Galvanised Tubular Structure			
Floor	Anti-skid Vinyl			
Passenger Door	1 Jack-knife Type Door			
Front Windshield	Single Piece Laminated Glass			
Rear Windshield	Single Piece Tempered Glass			
Emergency Exits	1 breakable rear glass with hammer; 1 emergency window behind driver; door at rear RH side			
Side Windows	1 / 3 Fixed & 2 / 3 Sliding Glasses			
Step Lamp	Provided			
Fire Extinguisher	2 nos. of 6 kg Capacity			
Hat-rack	Modular Hat-rack			
Fire Retardant Material	Yes			
Side Luggage Booth	Yes			
GPS	Optional			
OVERALL DIMENSIONS				
Wheelbase	4 200 mm	5 200 mm	5 200 mm	5 200 mm
Length	8 520 mm	10 120 mm	10 120 mm	10 120 mm
Rear Overhang	2 520 mm	3 120 mm	3 120 mm	3 120 mm
Front Overhang	1 800 mm	1 800 mm	1 800 mm	1 800 mm
Overall Height	2 900 mm	2 900 mm	2 900 mm	2 900 mm
Max. Width	2 340 mm	2 340 mm	2 340 mm	2 550 mm
Internal Height	1 900 mm	1 900 mm	1 900 mm	1 900 mm

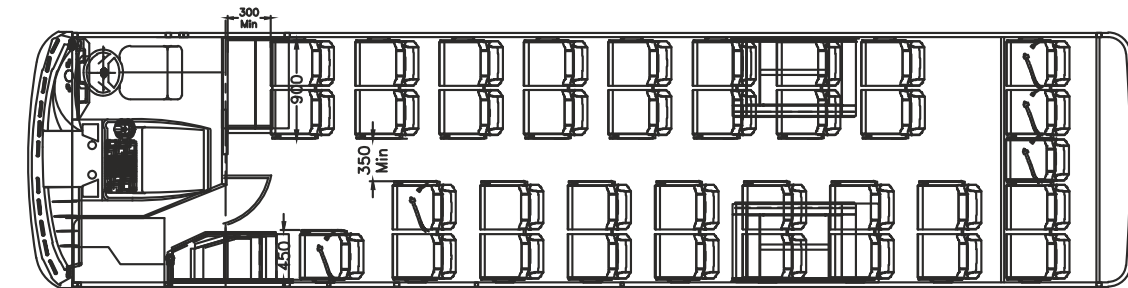
- One First Aid Box and 2 nos. of 6 kg Fire Extinguisher provided
- Other provisions: Hooks for curtains, provision for CD/DVD player fitment, provision for GPS fitment, mounting of LCD screen and speakers

Specifications are subject to change without prior notice. These are indicative photos, specifications for reference only.

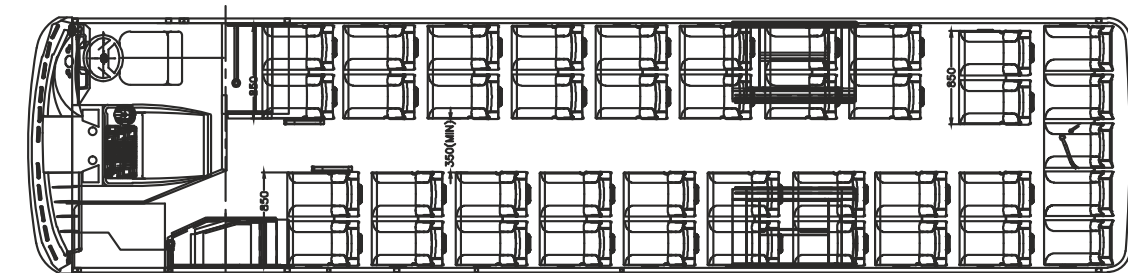
STARBUS ULTRA



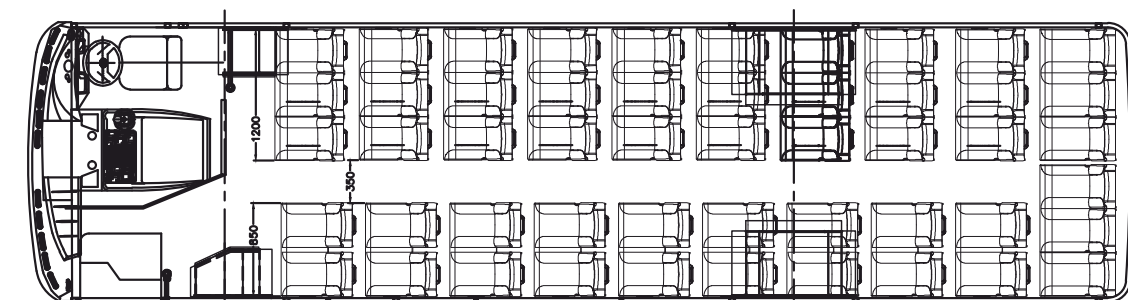
33-seater Std 2 x 2



36-seater HBR 2 x 2



41-seater Std 2 x 2



51-seater Std 3 x 2

All dimensions are in mm

STARBUS EX

Starbus Ex from Tata Marcopolo Motors Ltd. (TMML) is a popular choice of fleet operators over the years. A familiar sight on city roads, it faithfully serves as a bus for staff transportation. With changing times, however, comes a change in passenger expectations. In tune with this change, Starbus Ex has undergone a major facelift. It now comes to you with the sleek looks and exterior & interior features that make it the bus of the future.

Read on, to discover why the addition of all-new Starbus Ex to your fleet is a move to the future.



Features of the future

Starbus Ex in its new avatar offers comfort and style that come from a wide range of new and improved features. These cover the gamut - from front & rear windshields to dashboard and engine hood to driver ergonomics to interior trim to passenger door and more.

Proven platforms

The all-new Starbus Ex offers you a choice of:

- 36-seater LP 912 / 49
- 32-seater LP 709 / 42
- 24-seater LP 407 / 34



DRIVER ERGONOMICS

- Bigger & wider driver door for easy ingress & egress
- Bigger & improved footstep depth
- FRP driver footstep for easy entry & exit
- New driver door lock & key set
- New driver door inner & external handles give car-like feel
- Newly designed ABS speaker cover
- Total 4 nos. fitted at front & rear in inner FRP
- Newly designed peep window

WIPER MECHANISM & FRONT FLAP

Improved opening angle for ease of OE parts accessibility & serviceability

DASHBOARD & ENGINE HOOD

- Newly designed dashboard & engine hood
- Improved insulation in engine hood & dashboard
- Lower NVH
- More spacious & easily accessible to OE parts
- Improved serviceability

PASSENGER DOOR

Improved manually operated JK door with flushed rubber on bottom & side walls

INTERIOR TRIM

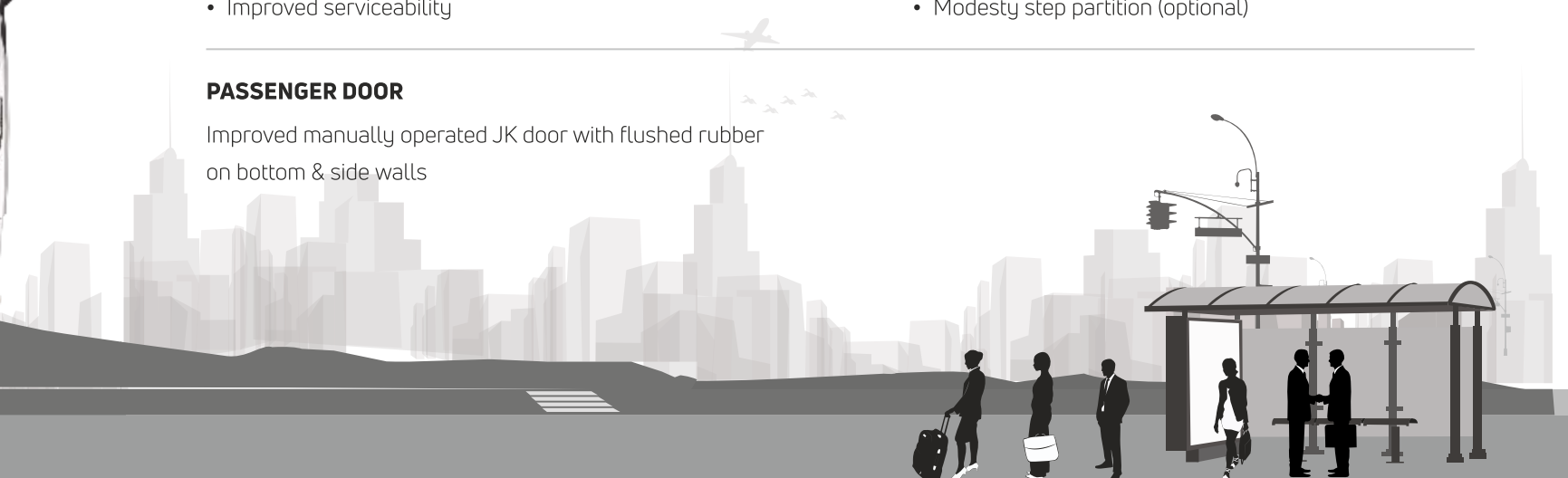
- Internal panels held by aluminium rail, avoiding fasteners & aluminium extrusions, reducing joineries & PVC profiles
- Flushed LED strip covered with PVC acrylic cover mounted on aluminium profile
- Newly designed FRP front inner

FRONT WINDSHIELD

Improved driver visibility with bigger & wider windshield 7.76 mm thick glass;
Size - 1924 mm x 975 mm x 7.76 mm (2.59 m²)

NEW HIGH BACK SEATS

- New high back seats with base split cushion
- Combination of fabric & rexine upholstery
- 2 pt lap belts (optional)
- Modesty step partition (optional)



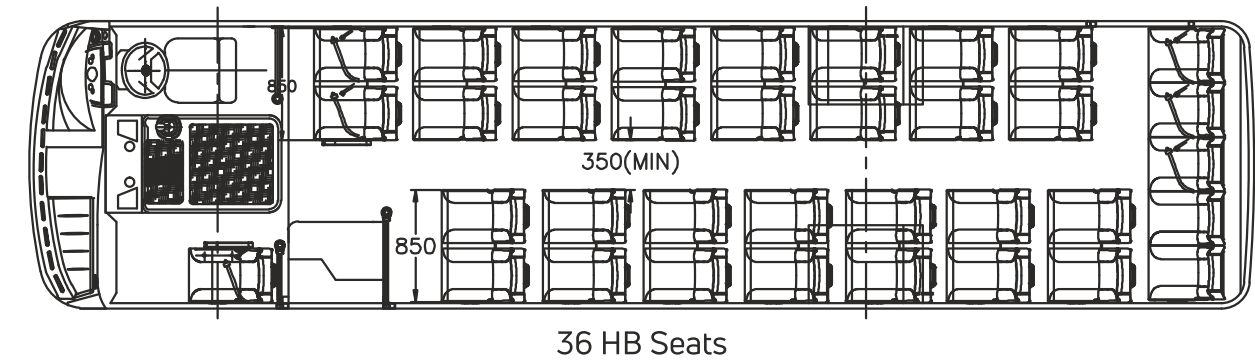
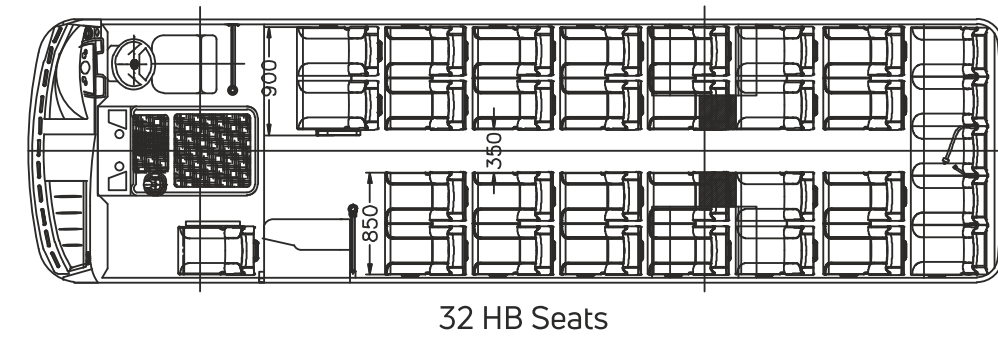
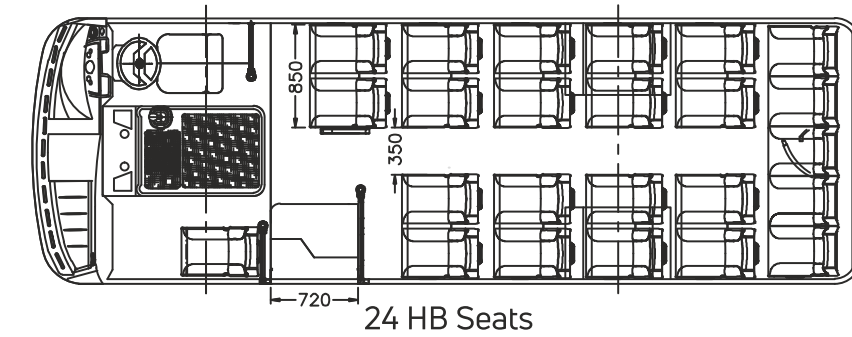
STARBUS EX

TECHNICAL SPECIFICATIONS

	24-seater	32-seater	36-seater
Chassis Platform	LP 407 / 34 BS4 Diesel	LP 709 / 42 BS4 Diesel	LP 912 / 49 BS4 Diesel
Engine	Tata 4 SP CR	Tata 4 SP CR	Tata 497 CR
Engine Power	64 kW @ 2 800 r/min	64 kW @ 2 800 r/min	92 kW @ 2 400 r/min
Engine Torque	250 Nm @ 1 400 - 2 400 r/min	250 Nm @ 1 400 - 2 400 r/min	400 Nm @ 1 300 - 1 500 r/min
Clutch Diameter	280 mm	280 mm	310 mm
Gearbox	GBS27, 5 Forward + 1 Reverse	GBS27, 5 Forward + 1 Reverse	GBS550, 6 Forward + 1 Reverse
Brakes	Air Brakes	Air Brakes	Air Brakes
Suspension	Parabolic Leaf Spring at Front & Rear	Parabolic Leaf Spring at Front & Rear	Parabolic Leaf Spring at Front & Semi-elliptical at Rear
Anti-roll Bar	Yes		
Steering	Power		
Battery	12 V, 100 Ah	12 V, 100 Ah	12 V, 150 Ah
Alternator	75 A	75 A	65 A
Tyres	7.5 x 16, 16 PR	7.5 x 16, 16 PR	8.25 x 16 - 16 PR
Fuel Tank Capacity	60 l	90 l	160 l
Turning Circle Diameter	12 300 mm	14 600 mm	17 500 mm
Max. GVW	6 520 kg	7 000 kg	9 000 kg
BODY			
Seating Capacity & Layout	24 + 1 (2 x 2)	32 + 1 (2 x 2)	36 + 1 (2 x 2)
Structure	Galvanised Tubular Structure		
Floor	Anti-skid Vinyl		
Passenger Door	1 Jack-knife Type		
Front Windshield	Pasted Single Piece Laminated Glass		
Rear Windshield	Pasted Single Piece Toughened Glass		
Emergency Exits	1 breakable rear glass with hammer; 1 emergency window behind driver; door at rear RH side	1 breakable rear glass with hammer; 1 emergency window behind driver	1 breakable rear glass with hammer; 1 emergency window behind driver; door at rear RH side
Side Windows	Sliding Glasses		
Step Lamp	Provided		
Fire Extinguisher	2 nos. of 2 kg Capacity	2 nos. of 6 kg Capacity	2 nos. of 6 kg Capacity
Hat-rack	Tubular Hat-rack		
Fire Retardant Material	Yes		
Side Luggage Booth	Yes		
GPS	Optional		
OVERALL DIMENSIONS			
Wheelbase	3 400 mm	4 200 mm	4 920 mm
Length	6 870 mm	8 200 mm	9 360 mm
Rear Overhang	2 040 mm	2 520 mm	2 950 mm
Front Overhang	1 430 mm	1 485 mm	1 490 mm
Overall Height	2 900 mm	2 900 mm	2 900 mm
Max. Width	2 200 mm	2 200 mm	2 200 mm
Internal Height	1 900 mm	1 900 mm	1 900 mm

Specifications are subject to change without prior notice. These are indicative photos, specifications for reference only.

STARBUS EX



All dimensions are in mm