

Value Enhancers BS6 P2



Fleet Edge Telematics



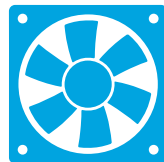
Fuel Monitoring System



Mechanical Suspended Seat for Driver



Cruise Control



E Viscous Fan



Gear Shift Advisor



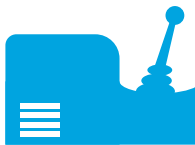
Gateway Domain Controller Unit



Pagoda Gear Cover



Firmware Over The Air



Improved Engine Hood Insulation

TATA MOTORS

For more information, visit www.busesandvans.tatamotors.com | 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.

All pictures shown are for illustration purpose only. Actual product may vary. 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.

5-YEAR/5 00 000 KM WARRANTY

TATA MOTORS FLEET EDGE

LOYALTY REWARDS

TATA ALERT

TATA MOTORS

SAMPOORNA SEVA

AAPKE SAATH HAR KADAM

TOLL-FREE 18 00 20 97 979

TATA GENUINE PARTS

TATA SURAKSHA

TATA PROLIFE

TATA KAVACH

Terms & Conditions apply

TATA MOTORS
COMMERCIAL VEHICLES | Better Always



SAFER SCHOOL JOURNEYS DRIVEN BY COMFORT

Presenting Tata Motors School Bus & Van Range



MAGIC WINGER STARBUS CITYRIDE

ADVANCED SAFETY FEATURES

- Reverse Parking Sensors
- Panic button
- Fire-retardant seats
- Pneumatic door with sensitivity



Power of Performance

- Higher power & torque
- Multimode FE switch to introduce in 3.3 l platform
- Better drivability with flatter torque curve
- Power steering with tiltable & telescopic column
- Improved braking performance



Power of Comfort

- Improved driver visibility
- Improved pedal positions & reduced effort
- Reduced gear shifting effort
- Increased passenger comfort
- Lower NVH



Power of Profit

- Improved fuel efficiency
- Higher uptime due to longer & synchronised service intervals
- Low rolling resistance radial tubeless tyres
- Modular design



Power of Convenience

- Multi-functional instrument cluster in-built with Gear Shift Advisor (GSA)
- ITS enabled bus
- Music system (optional) + USB charger in AC buses
- Illuminated dashboard switches for ease of detection
- Reverse parking assistance
- Best-in-class cabin storage



Power of Design & Style

- Front face with Tata trust bar
- Panoramic curved front windshield
- Elegant & clean interior finish
- ABS window pillar for each window
- New slenderised internal LED lamps with moon lighting



Power of Value

- Superior service network
- 5-year/5 00 000 km driveline warranty*
- 3-year/3 00 000 km standard body warranty*
- Sampoorana Seva 2.0
- Tata Genuine Parts
- Tata Prolife
- Leasing & Fleet Management Solutions

*whichever is earlier.



MAGIC SAFETY

magic
SCHOOL VAN



Safety for School Children

Our children travel regularly to school and back in buses & van. For Tata Motors, children's travel safety is of utmost importance. This includes putting mandatory fire safety measures in place. For instance, its Winger School and Magic School Van is equipped with FAPS - Fire Alarm & Protection Systems, making it one of the safest school transport vehicles.



Large Windshield



Side Step



Fire Extinguisher



First-aid Kit



Racks Under Seats

WINGER SAFETY



Fire & Smoke detector Alarm detects fire and smoke within 30 secs.



Water tanks with capacity based on gross volume of bus covers entire saloon



Driver operated manual control switch will function independently of vehicle power



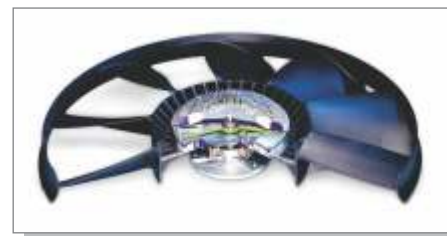
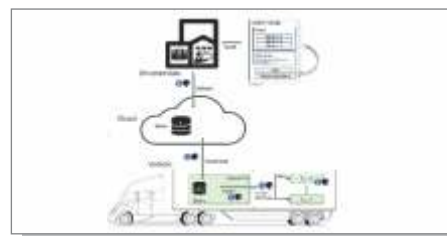
Water misting spray system covers all areas including windows, seats & sleeper berths



Corrosion-resistant stainless steel pipes and spray nozzles

TATA
WINGER
SCHOOL





*To be introduced in Turbotronn engine

#Standard fitment in AC buses



Advantages of 3D Scroll Compressor

- High reliability
- High cooling capacity and air flow
- Cooling performance 12 % - 15 % better than competition
- Reduced refrigerant charge due to multi-flow condenser
- Easy maintenance access
- Lower interior noise & floor vibration
- Better fuel efficiency w.r.t competition (10 %)
- Low weight
- Easy installation



5 Years / 5 00 000 km on Driveline*
3 Years / 3 00 000 km on Bus Body*



4SPCR 3.3 I TURBOTRONN 2.0
3.8 SGI TCIC



HDEP Fuel Tank



Fuel Monitoring System



Cruise Control



Multi-mode Fuel Economy Switch*



DRL with Full LED Head Lamps for better
Visibility & Safety



Improved Engine Hood Insulation



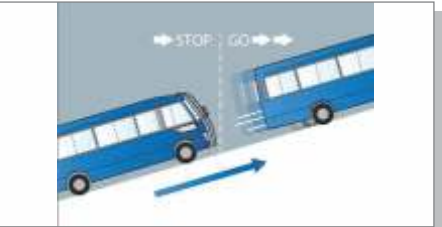
Tilt and Telescopic Corporate
Steering for Shoulder Comfort



Low CRR Radial Tyres
for Better Mileage and Tyre Life



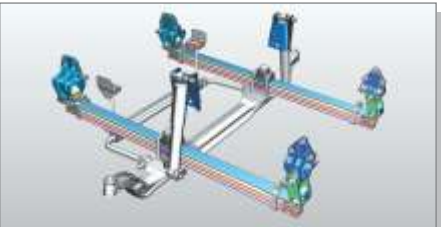
Electronic Stability Control



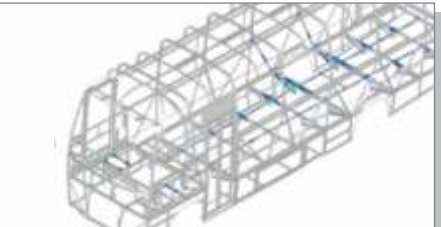
Hill Start Assist



Pneumatically Suspended
Driver Seat for Driver Comfort



Increased Passenger Comfort with 2 Stage
Parabolic Leaf Spring Suspension



Tubular Structure with
Roll Over Compliance



Pneumatic Door with Sensitivity
for Passenger Safety#

*whichever is earlier.

Technical Specifications								Technical Specifications							
Parameters	TML	TML	TML	TML	TML	TML	TML	TML	TML	TML	TML	TML	TML	TML	TML
Bus Model	LP 410/29	LP 410/31	LP 410/33	LP 412/36	LP 712/39	LPO 8.6/44	LP 712/45	LP 716/45	LP 812/52	LP 916/52	LPO 11.6/54	LP 410/36 CNG	LP 810/45 CNG	LP 910/52 CNG	LP 913/52 CNG
Wheelbase	2 955 mm	3 100 mm	3 300 mm	3 600 mm	3 900 mm	4 400 mm	4 500 mm	4 500 mm	5 200 mm	5 200 mm	5 400 mm	3 600 mm	4 500 mm	5 200 mm	5 200 mm
Engine	TATA 4SP CR	TATA 4SP CR	TATA 4SP CR	TATA 4SP CR	TATA 4SP CR	3.3 LTR	TATA 4SP CR	3.3 LTR	TATA 4SP CR	3.3 LTR	3.3 LTR	TATA 3.8 SGI NA	TATA 3.8 SGI NA	TATA 3.8 SGI NA	TATA 3.8 SGI TCIC
Engine Power	74 kW @ 2 800 r/min	74 kW @ 2 800 r/min	74 kW @ 2 800 r/min	92 kW @ 2 800 r/min	92 kW @ 2 800 r/min	117 kW @ 2 600 r/min	92 kW @ 2 800 r/min	117 kW @ 2 600 r/min	92 kW @ 2 800 r/min	117 kW @ 2 600 r/min	117 kW @ 2 600 r/min	62 kW @ 2 500 r/min	62 kW @ 2 500 r/min	62kW @ 2 500 r/min	92kW @ 2 400 r/min
Engine Torque	300Nm @ 1 400-2 200 r/min	300 Nm @ 1 400-2 200 r/min	300 Nm @ 1 400-2 200 r/min	350 Nm @ 1 400-2 400 r/min	350 Nm @ 1 400-2 400 r/min	475 Nm @ 1 600-2 000 r/min	350 Nm @ 1 400-2 400 r/min	475 Nm @ 1 600-2 000 r/min	350 Nm @ 1 400-2 400 r/min	475 Nm @ 1 600-2 000 r/min	475 Nm @ 1 600-2 000 r/min	285 Nm @1 200-1 500 r/min	285 Nm @1 200-1 500 r/min	285 Nm @1 200-1 500 r/min	470 Nm @1 400-1 600 r/min
Clutch Diameter	280 mm	280 mm	280 mm	310 mm	310 mm	330 mm	310 mm	330 mm	310 mm	330 mm	330 mm	280 mm	280 mm	280 mm	330 mm
Gearbox	GB400 - Cable Shift	GB400 - Cable Shift	GB400 - Cable Shift	GB400 - Cable Shift	GB400 - Cable Shift	G 550 6 Speed Cable Shift	GB400 - Cable Shift	G 550 6 Speed Cable sift	GB400 - Cable Shift	G 550 6 Speed Cable sift	G 550 6 Speed Cable sift	GB400 - Cable Shift	GB400 - Cable Shift	GB400 - Cable Shift	GBS550 - Cable Shift
Brakes	All wheel Disc with Hydraulic Brake	All wheel Disc with Hydraulic Brake	All wheel Disc with Hydraulic Brake	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes	Air Brakes
Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Dual Stage Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Parabolic Suspension	Dual Stage Parabolic Suspension
Steering	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope	Power-Steering, Tilt - Telescope
Battery	12 V, 100 Ah	12 V, 100 Ah	12 V, 100 Ah	12 V, 100 Ah	12 V, 100 Ah	12 V/24 V, 120 Ah	12 V, 100 Ah	12 V/24 V, 120 Ah	12 V, 100 Ah	12 V/24 V, 120 Ah	12 V/24 V, 120 Ah	12 V, 120 Ah	12 V, 120 Ah	12 V, 120 Ah	24 V, 120 Ah
Alternator	75 A/150A	75 A	75 A/150A	75 A/150A	75 A	120 A/150 A	75 A/150A	120 A/150 A	75 A	120 A/150 A	120 A/150 A	120 A/150 A	120 A	120 A	150 A
Tyres	215/75 R17.5	215/75 R17.5	215/75 R17.5	215/75R17.5 7.50x16	225/75R17.5	225/75 R17.5 8.25x16	225/75R17.5 7.50x16	225/75R17.5 8.25X16	225/75R17.5 7.50X16	235/75R17.5 8.25X16	235/75R17.5 8.25X16	215/75R17.5 7.50X16	225/75R17.5	235/75 R17.5 8.25X16	235/75 R17.5 8.25X16
Fuel Tank Capacity	60 l Plastic	60 l Plastic	60 l Plastic	120 l /90 l	120 l Plastic	120 l /90 l	120 l / 90 l	120 l / 90 l	120 l / 90 l	120 l / 90 l	160 l / 120 l	360 l / 270 l	486 l	516 l / 440 l	516 l / 440 l
DEF Tank Capacity	18 l	18 l	18 l	18 l	18 l	18 l / 25 l	18 l	18 l / 25 l	18 l	18 l / 25 l	18 l / 25 l	NA	NA	NA	NA
Max. GVW	4 950 kg	5 500 kg	5 500 kg	7 000 kg	7 500 kg	8 700 kg	8 200 kg	8 500 kg	8 800 kg	10 200 kg	10 800 kg	7 500 kg	8 500 kg	9 600 kg	10 200 kg
Seating Capacity	16 & 20	18 & 22	25 & 27	29/30/34/35/38/41	38 / 40	48	37/45/46/53	46/53	40/50/59	40/50/59	58/68	34/38	32/42/46	40/50	40/50
Length	5 535 mm	5 735 mm	5 880 mm	7 190 mm	7 670 mm	8 840 mm	8 630 mm	8 630 mm	9 750 mm	9 750 mm	10 440 mm	7 190 mm	8 630 mm	9 750 mm	9 750 mm
Rear Overhang	1 650 mm	1 736 mm	1 650 mm	2 160 mm	2 340 mm	2 640 mm	2 700 mm	2 700 mm	3 120 mm	3 120 mm	3 240 mm	2 160 mm	2 700 mm	2 950 mm	2 950 mm
Front Overhang	930 mm	930 mm	930 mm	1 430 mm	1 430 mm	1 800 mm	1 430 mm	1 430 mm	1 430 mm	1 430 mm	1 800 mm	1 430 mm	1 430 mm	1 430 mm	1 430 mm
Overall Height	2 785 mm / 3 005 mm	2 785 mm	2 785 mm / 3 005 mm	2 910 mm / 3 120 mm	2 910 mm	2 910 mm / 3 120 mm	2 910 mm / 3 120 mm	2 910 mm / 3 120 mm	2 910 mm	2 910 mm / 3 120 mm	2 910 mm / 3 120 mm	2 910 mm / 3 120 mm	2 910 mm	2 910 mm	2 910 mm / 3 120 mm
Max. Width	2 200 mm	2 200 mm	2 200 mm	2 200 mm / 2 340 mm	2 340 mm	2 340 mm / 2 550 mm	2 200 mm / 2 340 mm	2 340 mm / 2 550 mm	2 340 mm / 2 200 mm	2 340 mm / 2 550 mm	2 340 mm / 2 550 mm	2 340 mm	2 340 mm	2 340 mm	2 340 mm / 2 550 mm
TCD	11 300 mm	12 000 mm	12 500 mm	13 800 mm	15 900 mm	18 000 mm	17 500 mm	17 500 mm	18 000 mm	18 000 mm	19 500 mm	13 800 mm	17 500 mm	18 500 mm	18 500 mm
Ground Clearance	200 mm	200 mm	200 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm

Technical Specifications		
Brand	Magic Express CNG	Magic Mantra CNG
Fuel	CNG+Petrol	CNG+Petrol
Seating	9+D	
Overview		
Mileage (ARAI)	27.2 km/kg	
Top Speed	65 kmph	
Seating Configuration	D+1/3/2/3	
Wheelbase	2 100 mm	
Weights		
Gross Vehicle Weight	1 935 kg	1 875 kg
Kerb Weight	1 185 kg	1 125 kg
PL	750 kg	
Dimensions		
TCD	8 600 mm	
Vehicle Dimensions	3 790 mm x 1 500 mm x 1 890 mm	
Ground Clearance	150 mm	
Gradeability	Petrol 29.4 % / CNG 26 %	
Engine	TATA 275 MPFI04, 694 cc	
Engine Power	18.4 kW (25 HP)	
Torque	49 Nm @ 2 000 to 3 000 r/min	
Clutch & Brake		
Clutch Type	Single Plate Dry Friction	
Brake Type	Hydraulic Brake	
Brakes	Disc/ Drum Front & Rear Brake	
Gearbox	GBS 65/ 6.3 l	
Type	Synchromesh on all forward gears; Sliding mesh for reverse gear	
Speed	5+R	

Suspension & Tyre	
Front	Semi-Elliptical Leaf Spring
Rear	Semi-Elliptical Leaf Spring
Tyre	155 R 13 LT
Fuel & Battery	
Fuel Tank	60 l (CNG) + 5 l (Petrol)
Battery	12 V / 35 Ah
Warranty	2 year or 72 000 km*

*whichever is earlier

Technical Specifications		
Brand	WINGER 3 200 WB	WINGER 3 488 WB
Model	3 200	3 488
Seating Capacity	13 + D AC, 18 + D NAC	20 + A + D NAC & AC
Engine Type	TATA DICOR 2.2 l BS6 RDE, Diesel	TATA DICOR 2.2 l BS6 RDE, Diesel
Power	74.8 kW @ 3 750 r/min	75 kW @ 3 750 r/min
Torque	200 Nm @ 1 250 - 3 500 r/min	200 Nm @ 1 250 - 3 500 r/min
Gearbox	Tata Winger Gearbox (TA-70) -5F/1R, Synchromesh on all gears	Tata Winger Gearbox (TA-70) -5F/1R, Synchromesh on all gears
Front Axle	Independent Stub Axle with CV Shaft arrangement	Independent Stub Axle with CV Shaft arrangement
Rear Axle	Rigid / Dead Type	Rigid / Dead Type
Steering	Power Steering Rack and Pinion	Power Steering Rack and Pinion
Battery	12 V, 80 Ah	12 V, 80 Ah
Alternator Capacity	150 A	150 A
Front Brakes	Disc Brakes with Twin Pot Calliper	Disc Brakes with Twin Pot Calliper
Rear Brakes	Drum Brakes with ABS	Drum Brakes with ABS
Brake Type	Hydraulic Brakes with Vacuum Booster	Hydraulic Brakes with Vacuum Booster
Front Suspension	McPherson Strut with Coil Spring, Wishbone Type	McPherson Strut with Coil Spring, Wishbone Type
Rear Suspension	Parabolic Leaf Springs, with Hydraulic double acting telescopic type shock absorber	Parabolic Leaf Springs, with Hydraulic double acting telescopic type shock absorber
DEF Tank Capacity	16 l	16 l
Fuel Tank Capacity	60 l	60 l
Tyre Size	195 R 15 LT, 8PR	195 R 15 LT, 8PR
Turning Radius (TCD)	12 800 mm	13 600 mm
Wheelbase	3 200 mm	3 488 mm
Overall Length	4 940 mm	5 478 mm
Overall Width	1 905 mm	1 905 mm
Overall Height	2 110 mm	2 490 mm NAC & 2 670 mm AC
Engine Displacement	2 179 cc	2 179 cc
BS6 Technology	DOC+DPF+SCR	DOC+DPF+SCR