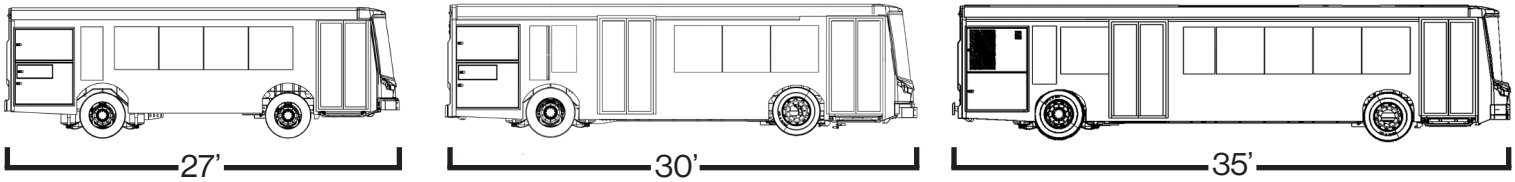
equess

ARBOC SPECIALTY VEHICLES

*Frameless windows and paint scheme- Optional

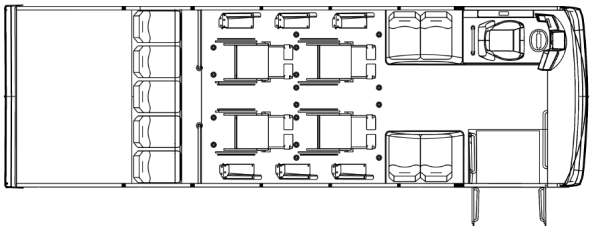
Low-floor design, purpose-built, ADA compliant standards - ARBOC's medium duty Equess is built to meet your transportation needs

Available in 3 lengths with single or dual doors

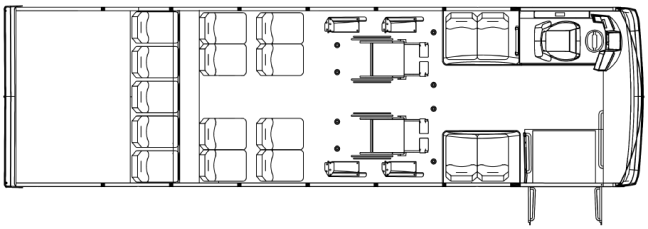


Floor Plans

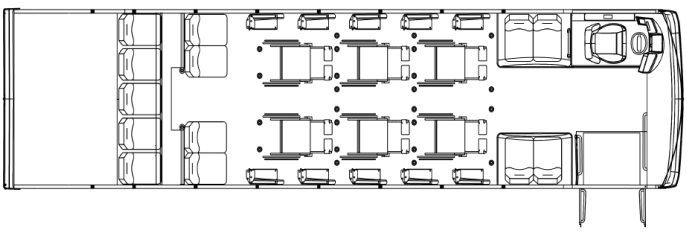
27', 21 Passengers, 4 w/c



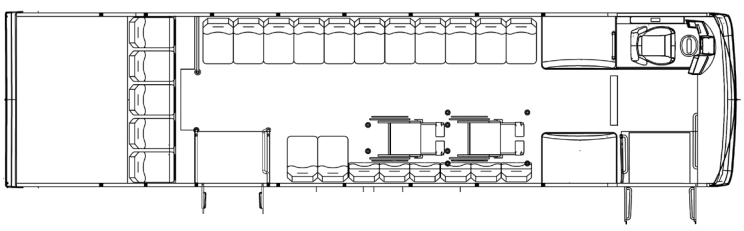
30', 25 Passengers, 2 w/c



35', 33 Passengers, 6 w/c



35', 24 Passengers, 2 w/c



Measurements	equess 27’	equess 30’	equess 35’
Length	28’ 5” (8.6 m) Over bumpers	31’ (9.4 m) Over bumpers	36’ 4” (11 m) Over bumpers
Exterior Width	100” (2.54 m)	100” (2.54 m)	100” (2.54 m)
Roof Height	102” (2.59 m)	102” (2.59 m)	102” (2.59 m)
Step Height	14.5” (368 mm)	14.5” (368 mm)	14.5” (368 mm)
Front Step Height	10.38” (264 mm)	10.38” (264 mm)	10.38” (264 mm)
Interior Height - Floor to Ceiling	84” (2.13 m) Center of bus	84” (2.13 m) Center of bus	84” (2.13 m) Center of bus
Tire Size	270/70R 22.5	270/70R 22.5	270/70R 22.5
Wheel Base	162” (4.1 m)	197” (5 m)	260” (6.6 m)
Propulsion			
Diesel	Cummins ISB 6.7L	Cummins ISB 6.7L	Cummins ISB 6.7L
CNG	Cummins ISB 6.7G	Cummins ISB 6.7G	Cummins ISB 6.7G
Transmission	Allison B210 Heavy Duty 6 Speed	Allison B210 Heavy Duty 6 Speed	Allison B210 Heavy Duty 6 Speed
Passenger Capacity			
Seats	Up to 21	Up to 25	Up to 33
Accessibility			
Doors	1 Standard	1 Standard or optional 2 door	1 Standard or optional 2 door
Wheelchair Accessibility	32” (813 mm) Wide, 1:6 slope	32” (813 mm) Wide, 1:6 slope	32” (813 mm) Wide, 1:6 slope
Wheelchair Locations	Up to 4	Up to 4	Up to 6
Weight			
Curb Weight *Approximate weights	16,800 lbs (7,620 kg)*	17,350 lbs (7,870 kg)*	18,425 lbs (8,357 kg)*
GVWR	29,000 lbs	29,000 lbs	29,000 lbs
Approach Angle			
Approach/Departure/Break over Angles	9°/8.6°/12°	9°/8.6°/12°	9°/8.6°/12°
Main Components			
Suspension	Air spring suspension	Air spring suspension	Air spring suspension
Fuel Tank - Diesel	70 Gal (265 L)	70 Gal (265 L)	70 Gal (265 L)
Fuel Tank - CNG	94 Gal DGE (356 L)	94 Gal DGE (356 L)	94 Gal DGE (356 L)
Axles	Single reduction axle	Single reduction axle	Single reduction axle
Front Axles	Air Ride Independent Front Suspension	Air Ride Independent Front Suspension	Air Ride Independent Front Suspension
Rear Axles	Portal Axle with 4 Air Springs	Portal Axle with 4 Air Springs	Portal Axle with 4 Air Springs
Axle Ratio	4.53 : 1	4.53 : 1	4.53 : 1
Brakes	ZF RL82 IFS Front disc brakes	ZF RL82 IFS Front disc brakes	ZF RL82 IFS Front disc brakes
Rear Brakes	ZF AV133 Rear disc brakes	ZF AV133 Rear disc brakes	ZF AV133 Rear disc brakes
Fuel Fills	Curbside & Roadside	Curbside & Roadside	Curbside & Roadside
Altoona Tested	10 years 350,000 miles	10 years 350,000 miles	10 years 350,000 miles