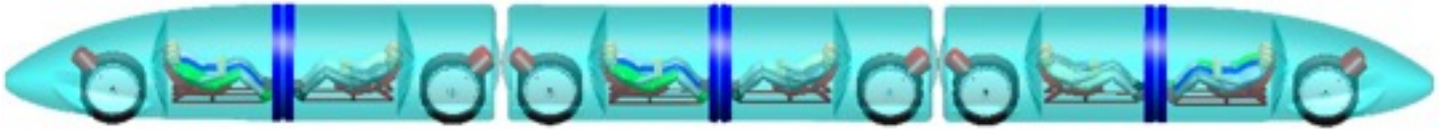
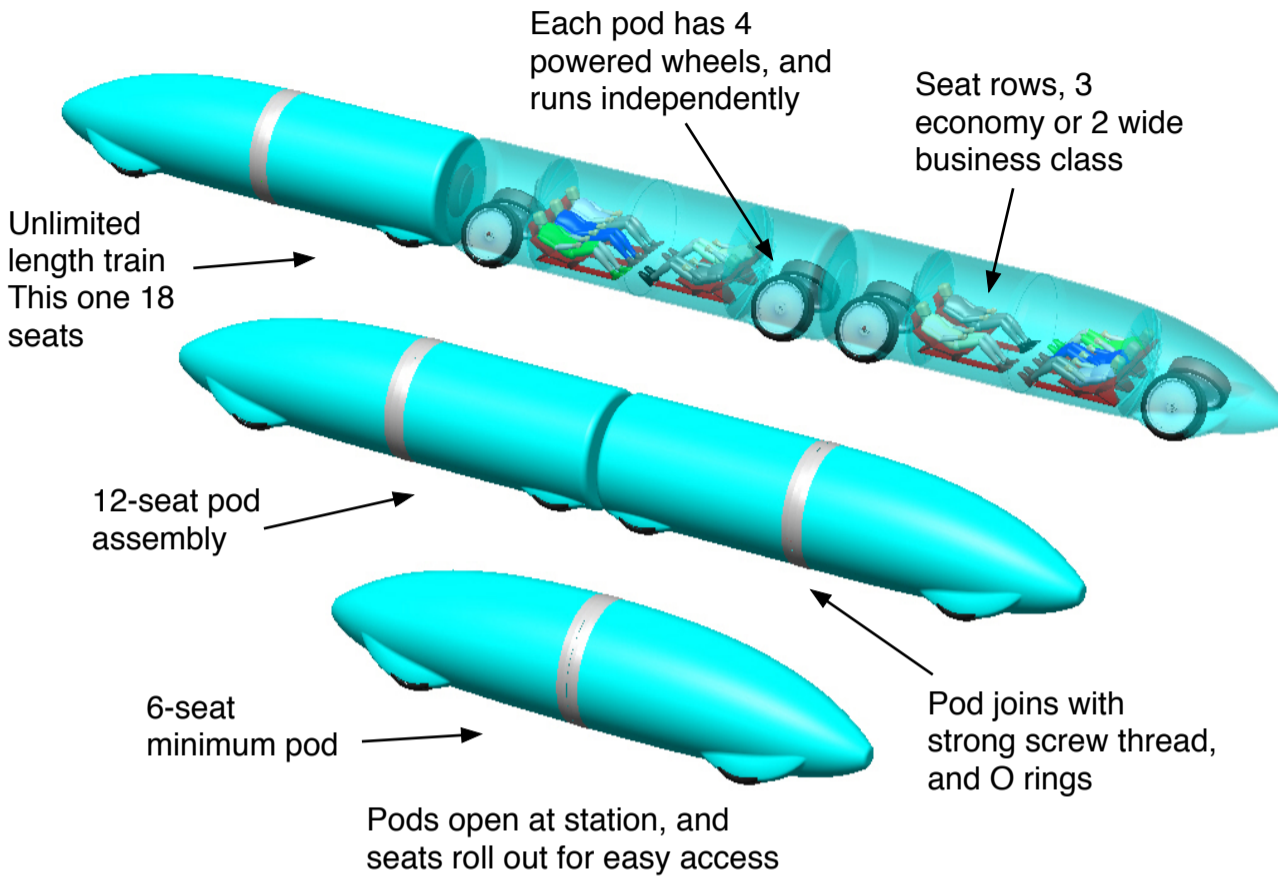


The VacuuDuct train



The VacuuDuct train was designed with George Burdell, and a model created a lot of interest when displayed on the VacuuDuct stand at the 2016 Pod Competition.

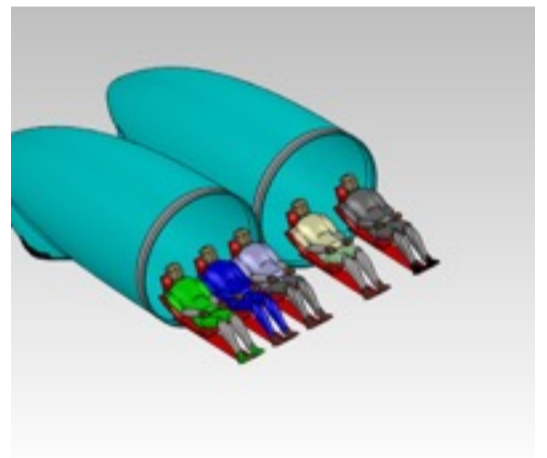


Flexibility for individual, convoy, or formed into a train.

The design gives great operational flexibility, giving good passenger service with very low energy consumption. Each pod has 6 seats, and a complete train could have up to 120 seats.

Each pod has 4 wheels, each electrically driven. The pod halves are screwed together for security, using a bayonet type thread and two O-rings.

The pod halves unscrew, and open at the station to allow the seat modules to roll out.



Specifications (each pod)

Length 7.3m (24ft)
Pod OD 1.8m (71")
Pod ID 1.65m (65")
Tube diameter 2.4-2.7m (8 - 9ft)
Construction carbon composite
Weight 4,000 kg

Performance

Max speed 1,200 km/h (760 mph)
Accel/Braking 0.25g up to 430 km/h
Power limited, 0.12g at 1,200 km/h
Max power is 900 kW total

