





### | Energy Supply

- 170 kW maximum power draw
- 8640 Wh total stored energy
- 90 kg total system mass
- Flame resistant light weight Kevlar battery compartment

### Structure

- Simple MayTec profile aluminum bodyframe
- Light-weight carbon fiber hull
- Space for crash test dummy

#### Compressor

- 12 stage axial compressor
- Total compression ratio PI=9
- Custom blade design
- Driven by 150 kW motor

# Computer

- Fault tolerant main system
- Subsystem distributed controllers
- Detection of navigational markers

#### Levitation

- 16 Arx Pax 3.0 Hover Engines
- Capable of lift, thrust and stabilization
- Able to lift a total of 880 kg

# Braking

- Friction braking on center rail
- Deceleration scalable to Hyperloop Alpha
- Pneumatically resisted and spring actuated
- Fail safe





**cerlikon** leybold vacuum

