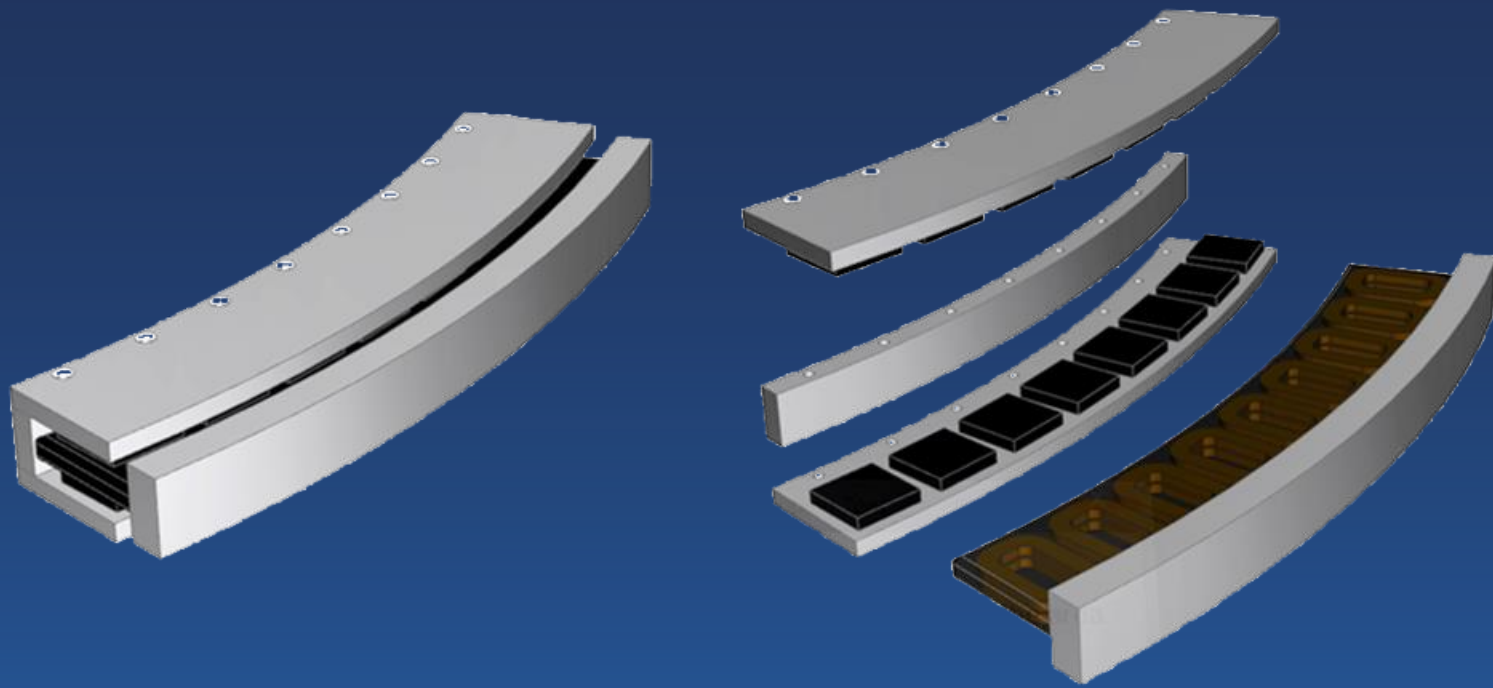


360° Curved Linear motors for rotating gantries



Cost effective



Clean automated
&
In-house
manufacturing



Modular design



Optimized for
moving gantries
(Radiation & CT)

Engineering excellence is the driving force behind linear motor innovation, both in design and manufacturing. Prodrive Technologies has a world class team of electromechanical engineers capable of customizing linear motor technology towards your needs.

Design for manufacturing is key to reduce cost and to guarantee quality. Winding assembly, vacuum potting and magnet gluing are highly automated, in house, processes which guarantee a constant quality at minimum cost.

360° Curved Linear motors for rotating gantries

Concept advantages

- ✓ High servo performance that has precise control of position/speed
- ✓ High efficiency due to the permanent magnet synchronous motor technology
- ✓ Modular concept enables increasing/decreasing the power and price by amount of coils units and drives – same concept, multiple segments
- ✓ Speed is no limitation for the motor
- ✓ Low Noise of the motor
- ✓ Separation of the motor and bearing enables customer to choose and acquire bearing independently
- ✓ Bearing and motor are independent subassemblies which can be assembled at customer location
- ✓ Single or dual sided concept depending on requirements

System components

- Magnet plates
- Coil units
- Drives
- Position Encoder (option)
- Motion software

