High Energy Target End – Magnets focus (orange) and steer (yellow) the beam, while the nuclear reactions happen at the target (green).

The Accelerator at NEC Corp. in Middleton, WI

Original Sales Brochure of Model 9SDH-2 from National Electrostatics Corp.

Ion Source – The torvis is heated to high temperatures at low pressure to create a plasma from which ions are extracted.

The Guts of the Accelerator

Acceleration Column and Charging Chain Motor – This is where charge is transferred to the chain.

The gradient rings maintain a uniform potential. The chain (green) carries charge to the dome. The beam is accelerated through the inner tube (blue).