CLIC TWO-BEAM MODULE
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The Compact Linear Collider (CLIC) is based on a new ‘two-beam acceleration’ scheme. The high-intensity ‘Drive Beam’ (DB) supplies the Radio-Frequency (RF) power to the ‘Main Beam’ (MB) accelerators. Strong accelerating fields allow electrons and positrons to reach the high energies required for new physics. Two linear accelerators (linacs) pointing straight at each other and simultaneously shooting beams of particles will be composed of Two-Beam modules.

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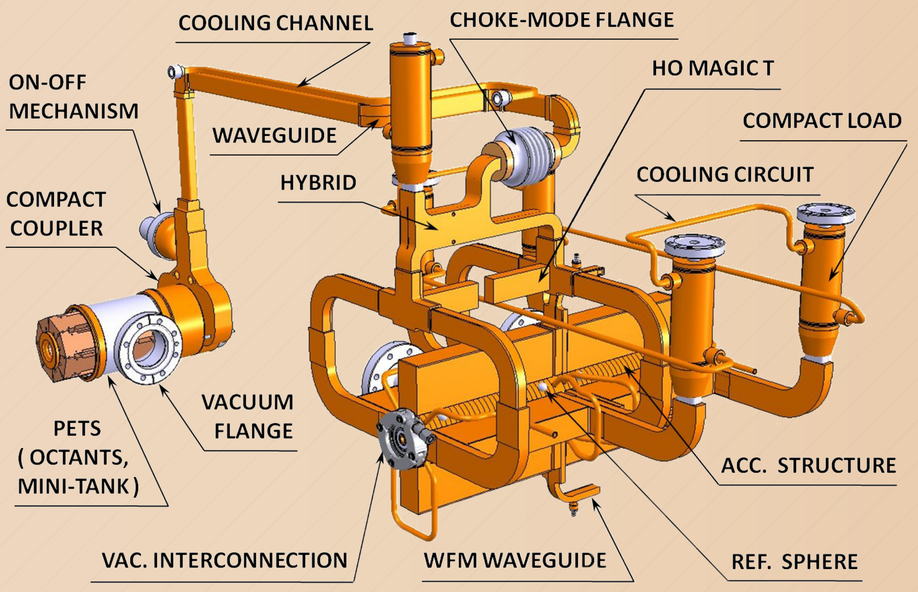

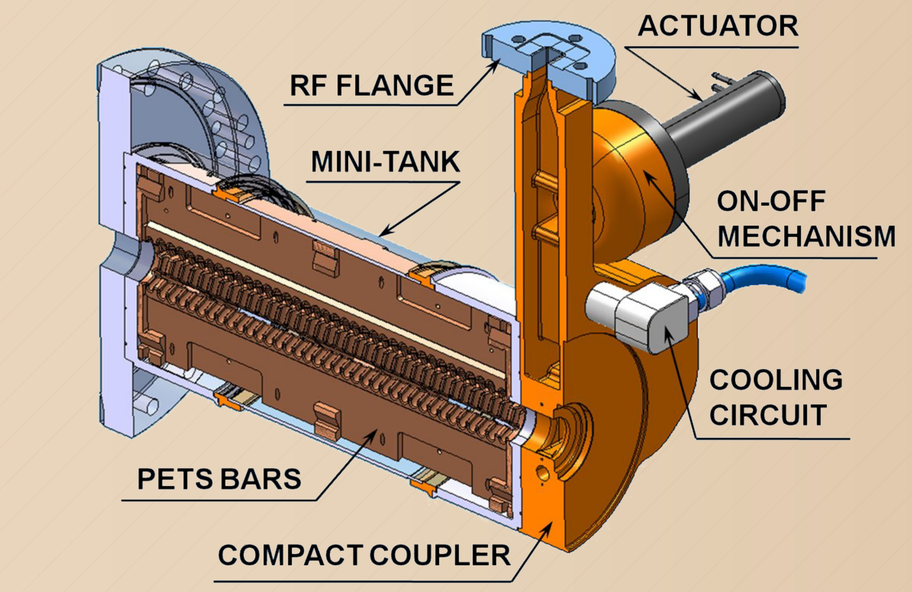

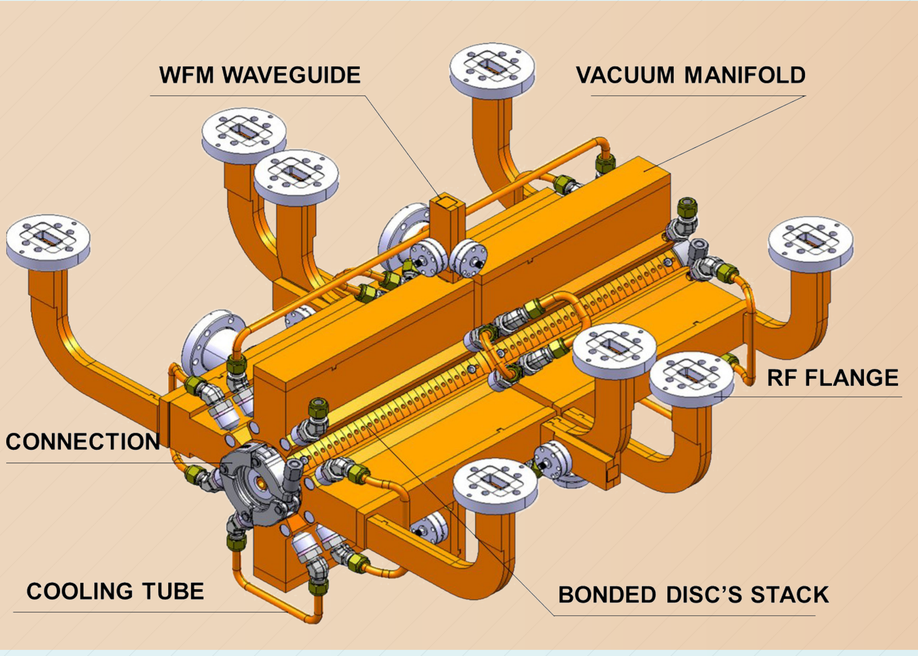

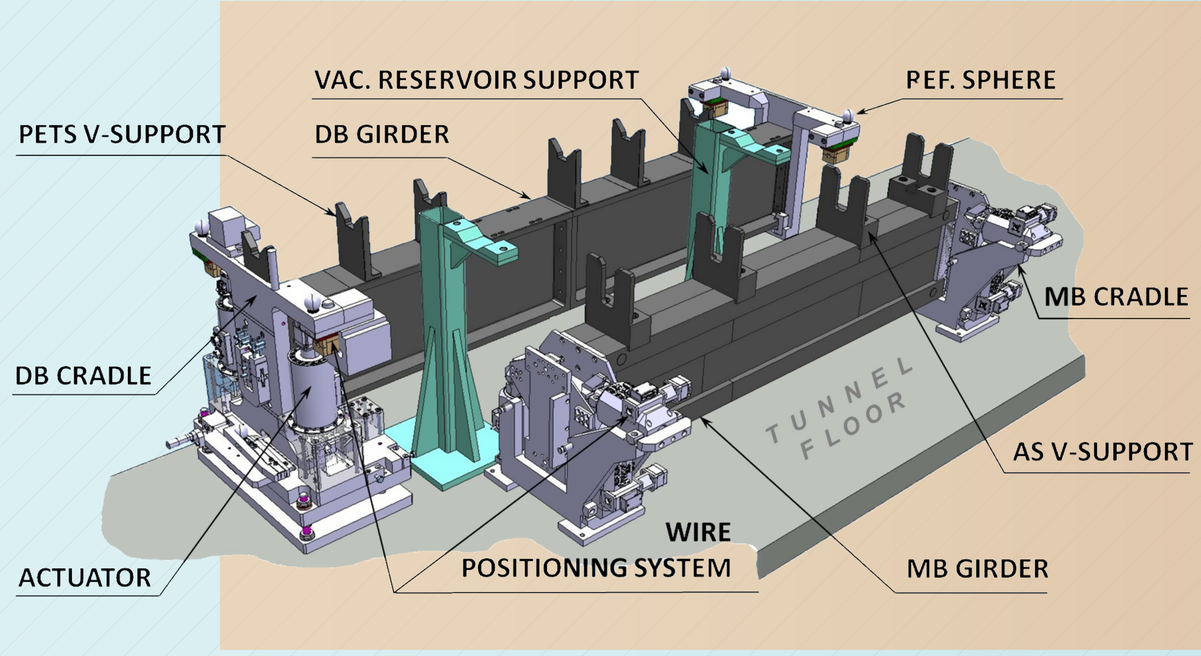

CLIC at 500 GeV
26’950 Accelerating Structures
13’475 Power Extraction & Transfer Structures
~ 80’000 RF components

CLIC at 3 TeV
143’072 Accelerating Structures
71’536 Power Extraction & Transfer Structures
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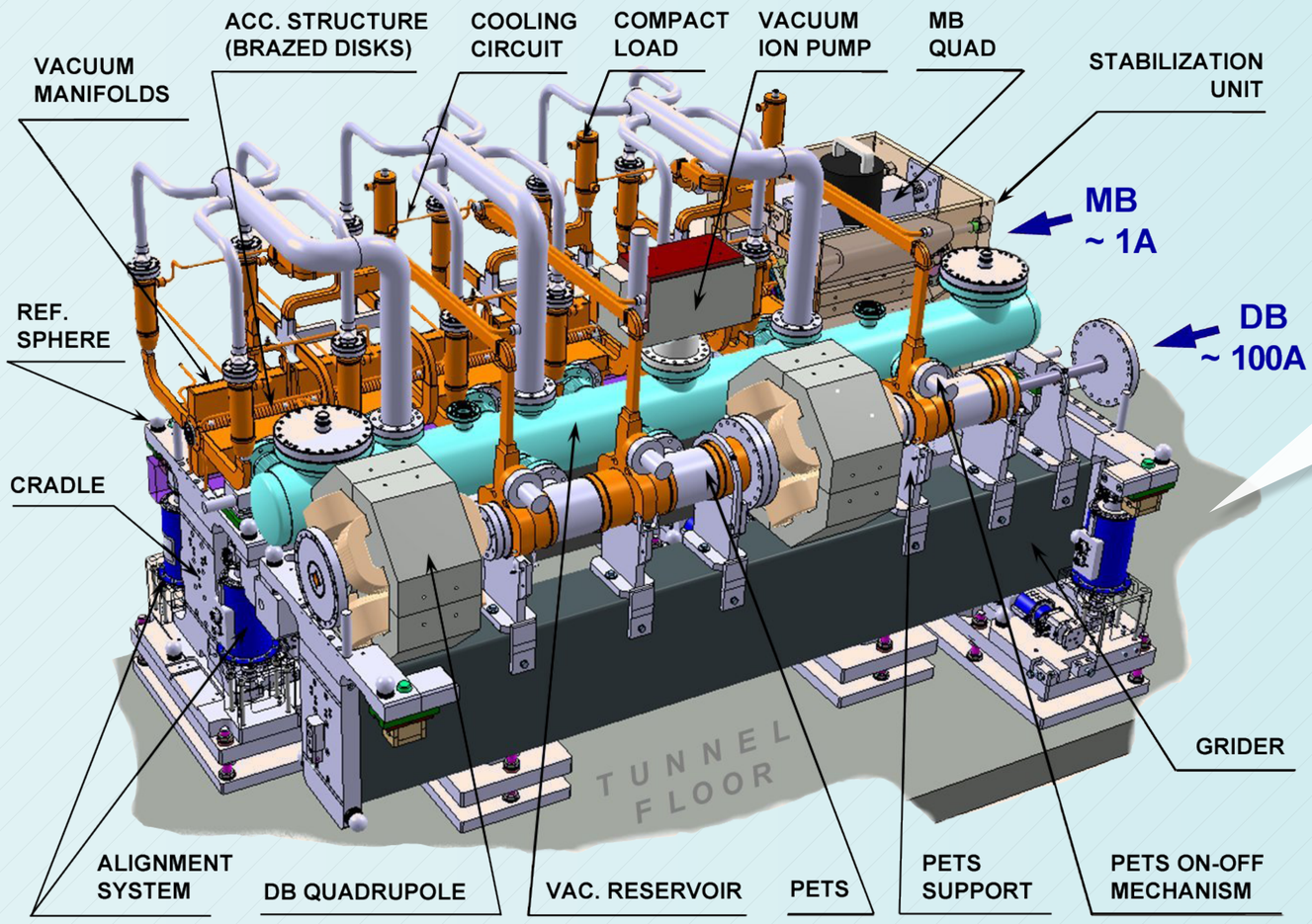

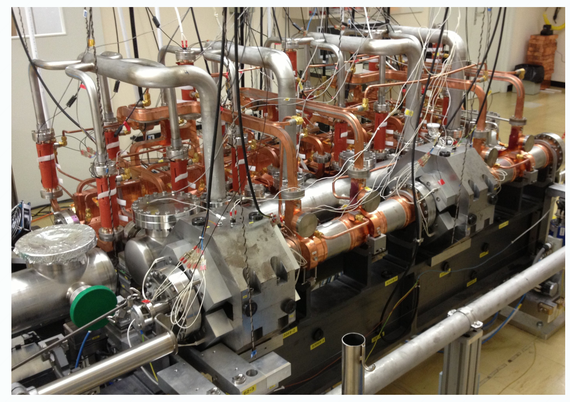

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