

Stryker Mako Orthopedic Surgical Robotics

by [Nick Clark](#) | Published April 25, 2026

Mako Reality

Stryker Mako operates orthopedic surgical-robotics platform across knee replacement, hip replacement, and emerging spinal applications. Deployment scale and procedure volume are substantial.

Path Toward Autonomous Phases

Mako currently operates as surgeon-controlled bone-resection robotics; emerging autonomous-phase operations face structural regulatory engagement (FDA PCCP). Stage-gated commitment provides structurally-supported autonomy substrate.

Architectural Fit

Each surgical sub-phase admits through composite admissibility; reversibility classification (bone resection is irreversible) drives stage-gated authority.

Stryker Position

Stryker gains FDA-aligned architectural substrate ahead of pure-platform-replacement competitive pressure.