

cMC-SERIES

Internal-Mount End Block



The cMC is designed to directly replace the Soleras compact end block or to use in new systems.

With brushless power transfer, it has a simple, singled-ended design with outboard support for quick target changes, high reliability and easy, do-it-yourself maintenance; for 125 mm ID targets.

Upgrade from planar systems to increase the output and quality of your existing coater.

SCI can provide coater integration support.

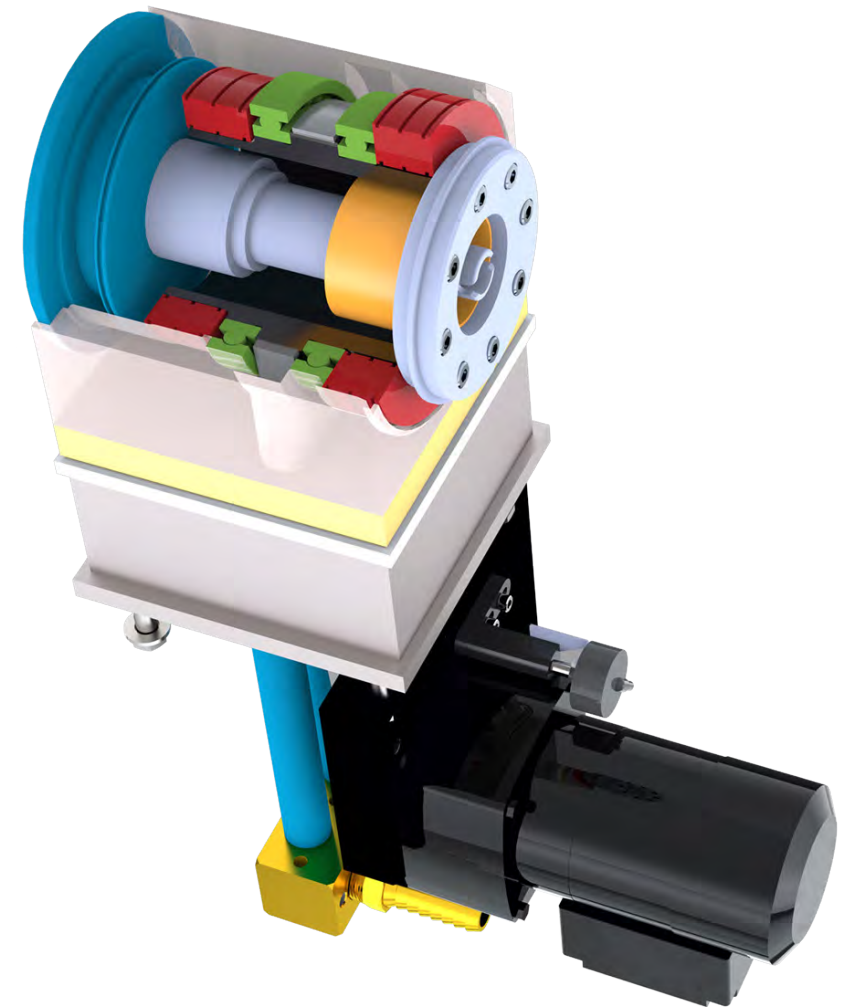
FEATURES

- Patented power-delivery technology
- Unique target attachment method
- Durable, long-life rotary seals
- Non-proprietary target design
- Patented target water fill/drain feature
- Smallest footprint using 125 mm ID industry standard target tubes



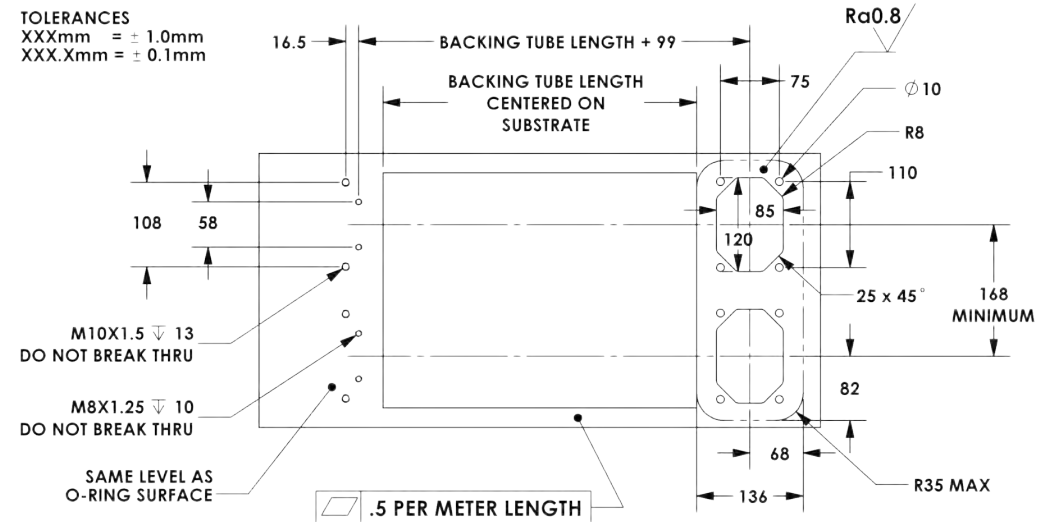
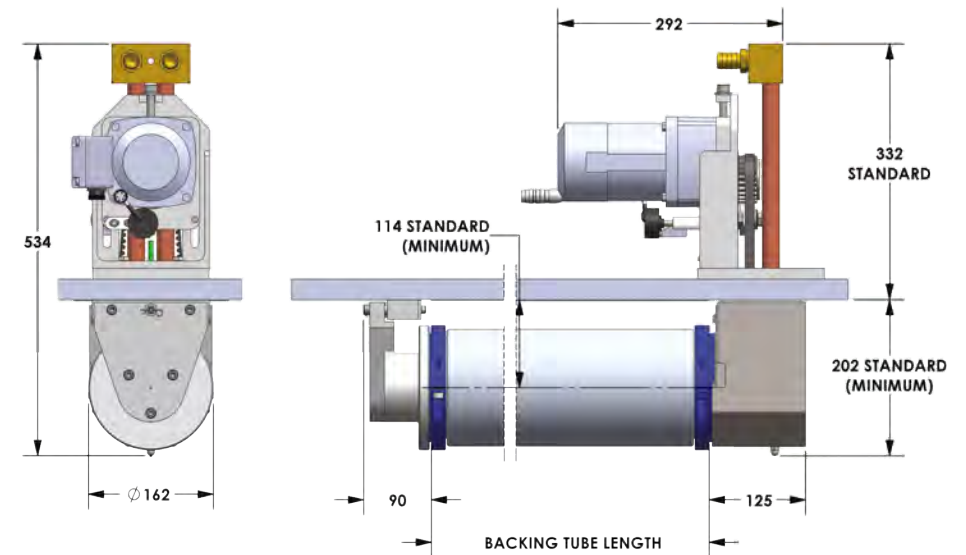
BENEFITS

Fill and drain	Patented; water completely fills the target for cooler operating temperature/high power; completely drains for target changes
Drive bearings	Exclusive to SCI; tested to verify years of trouble-free operation
Power transfer	Brushless, patented; no brushes to replace and no carbon brush dust; high power rating and reliable power transfer
Vacuum, water seals	Dual lip and redundant; tolerate running dry; easily replaced without removing the end block; can be monitored
Target attachment	Attaches to targets from any vendor for economical sourcing; high load bearing; fast target changes
Mounting	Can be mounted in any orientation using existing mounting holes and utility connections; adjustable magnet bar sputter angle
Drive	Robust, reliable inverter-duty motor and belt drive; allow design flexibility, easy TTS distance changes; monitored rotation



TECHNICAL SPECIFICATIONS

Type	Simple, singled-ended design with outboard support for quick target changes, high reliability and easy maintenance
Power (Maximum)	80 kW DC or MFAC
V/A	1500 V / 180 A
Target Length (Maximum)	2000 mm
Thickness	125 mm
Average weight	15 kg
Maintenance	1 hr./year average 3 hrs. for a rebuild



Dimensions in mm