

## MC-SERIES

### Internal-Mount End Block



Even with its compact design, the MC-Series internal-mount end block provides both high performance and reliability.

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.

Use in new systems or upgrade from planar systems to increase the output and quality of your existing coater.

SCI can provide coater integration support.

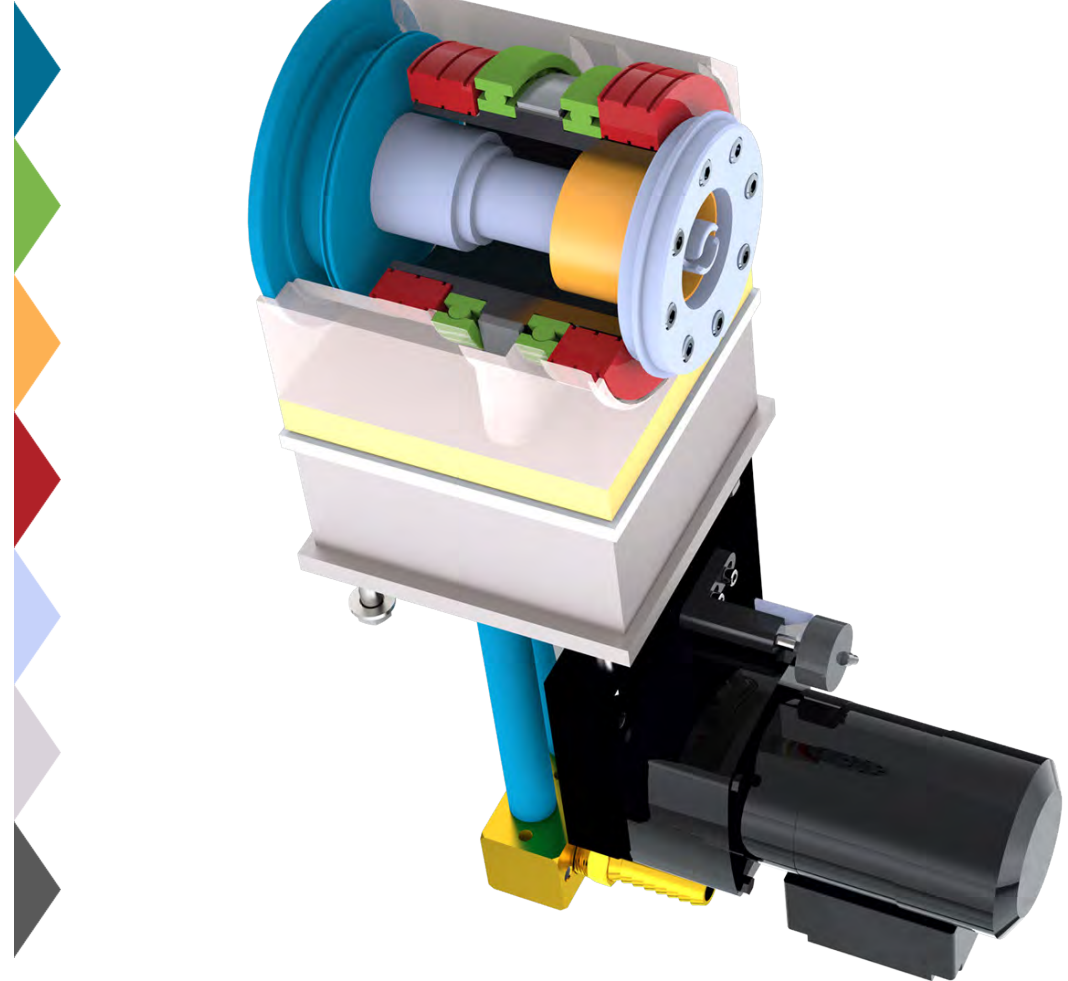


#### FEATURES

- Patented power-delivery technology
- Unique target attachment method
- Durable, long-life rotary seals
- Compact design
- Non-proprietary target design
- Patented target water fill/drain feature

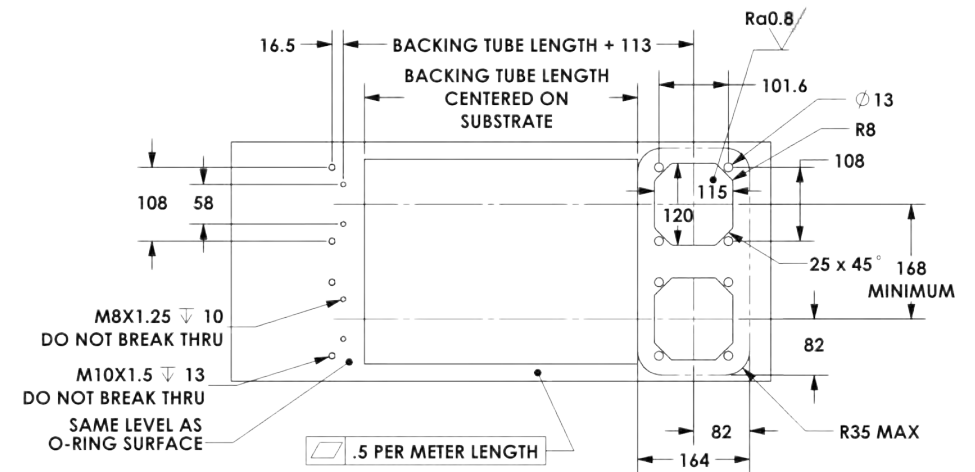
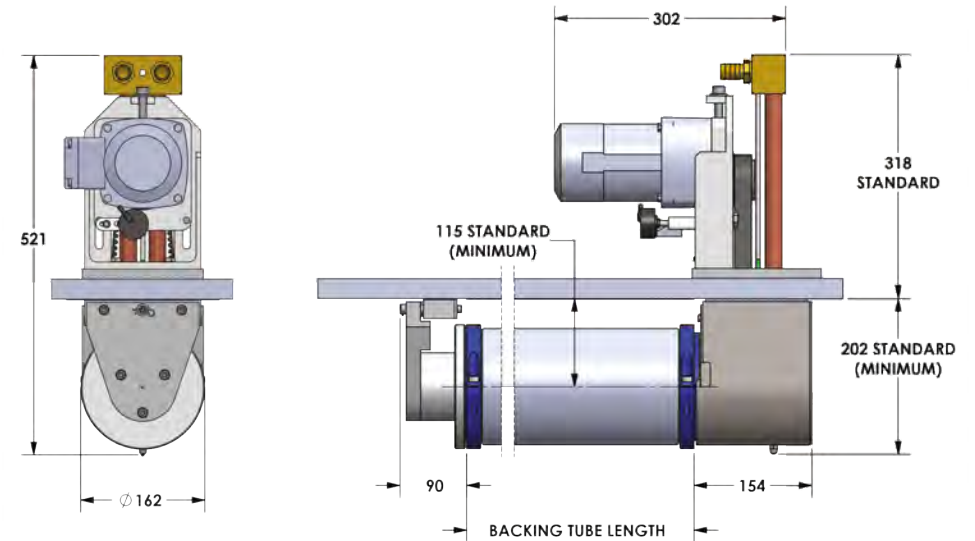
## BENEFITS

<b>Fill and drain</b>	Patented; water completely fills the target for cooler operating temperature/high power; completely drains for target changes
<b>Drive bearings</b>	Exclusive to SCI; tested to verify years of trouble-free operation
<b>Power transfer</b>	Brushless, patented; no brushes to replace and no carbon brush dust; high power rating and reliable power transfer
<b>Vacuum, water seals</b>	Dual lip and redundant; tolerate running dry; easily replaced without removing the end block; can be monitored
<b>Target attachment</b>	Attaches to targets from any vendor for economical sourcing; high load bearing; fast target changes
<b>Mounting</b>	Can be mounted in any orientation using existing mounting holes and utility connections; adjustable magnet bar sputter angle
<b>Drive</b>	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)	100 kW DC or MFAC
V/A	1500 V / 225 A
Target Length (Maximum)	2500 mm
Thickness	154 mm
Average weight	20 kg
Maintenance	1 hr./year average 3 hrs. for a rebuild



Dimensions in mm