

Internal-Mount End Block MC-Series

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

The MC has a simple, singled-ended, belt-driven design with brushless power transfer and an outboard support for quick target changes, high reliability and easy, do-it-yourself maintenance.

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

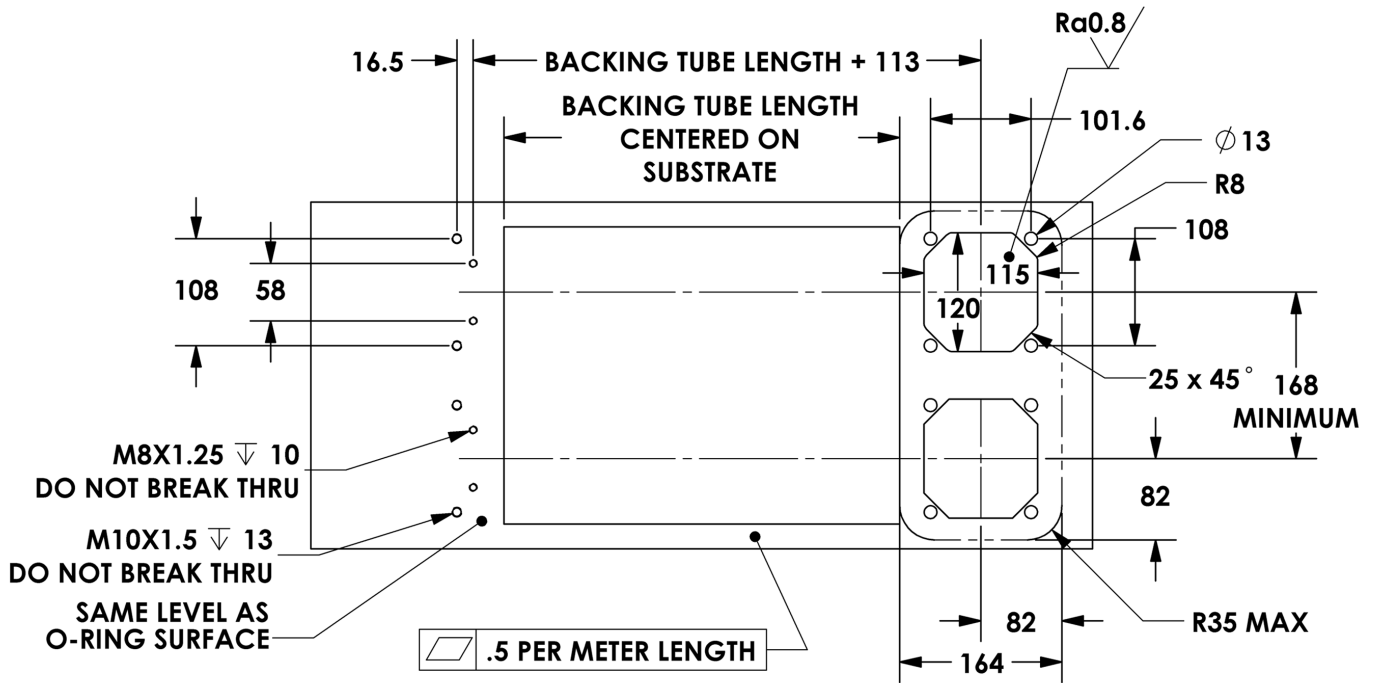
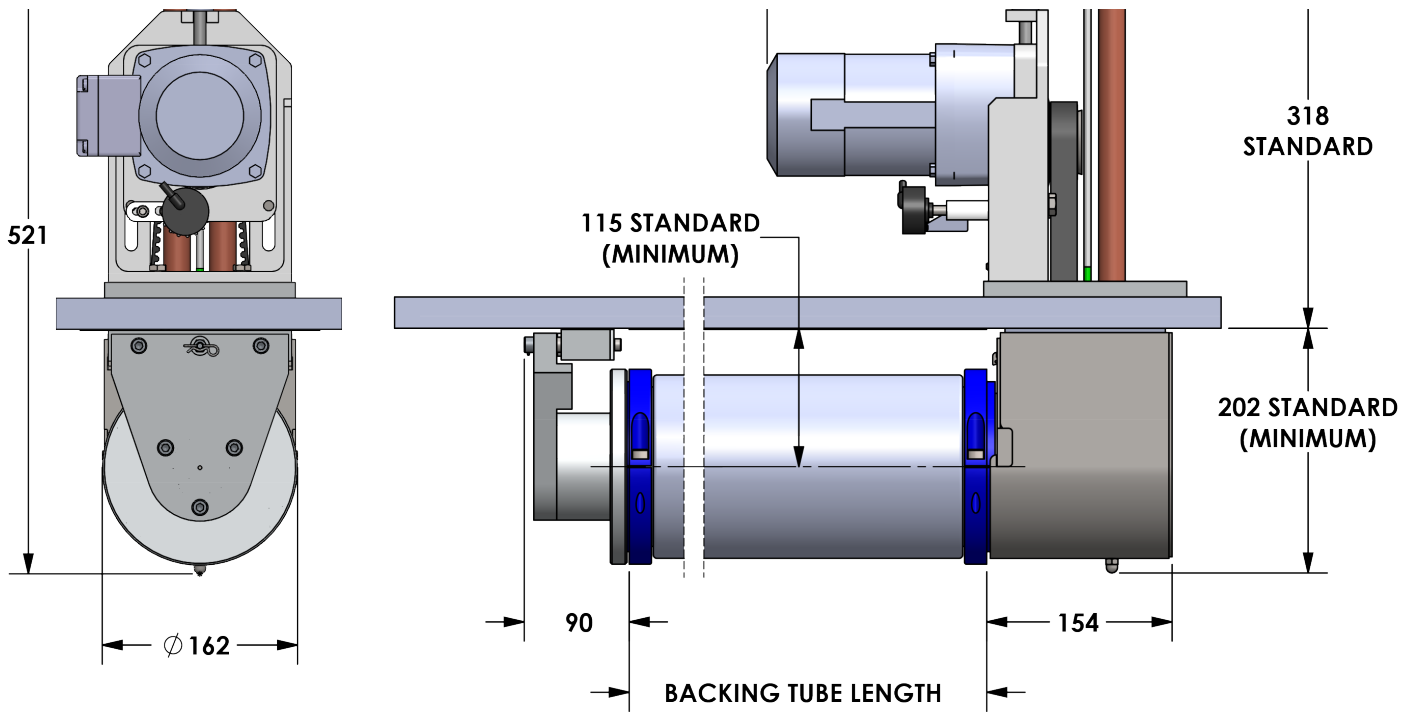
SCI can provide coater integration support.

TECHNICAL SPECIFICATIONS

Electrical rating	▶ 100 kW 1500 V / 225 A (DC or 80 kHz AC)
Mounting	▶ Any orientation
Target	▶ 125 mm ID 2500 mm max. length
Maximum load	▶ 1000 kg horizontal 200 kg vertical
Vacuum seal leak rate	▶ $<3 \times 10^{-7}$ mbar·L/s
Maintenance (typical)	▶ Seal kit and bushings every 2 years (1 hr); Static seals, bearings and belt after 10 years (3 hr)



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Dimensions in mm