

Specification Sheet: Series 6500 Rolling Steel Counter Shutter

Curtain:	Extruded, interlocking .050" aluminum slats, roll-formed slats in 22 gauge steel or 22 gauge #4 polished stainless steel. Lateral slat movement and curtain wear controlled by nylon endlocks fastened to every other slat. Flat slat profile measures 1-1/2" high by 1/2" deep.
Bottom Bar:	Extruded aluminum with integral lift rails and dual bottom astragal for aluminum and steel curtains. Stainless steel angles with astragal standard for stainless curtains. Optional two piece stainless steel tubular bottom bar with astragal.
Guides:	Extruded, clear anodized aluminum. Box shaped, two piece configuration with soft brush guide runners, bell mouths and travel stops standard. Optional guides for stainless steel shutters are box shaped, #4 polished stainless steel with integral bell mouths and curtain stops.
Headplates:	Headplates for mounting curtain, hood and barrel assemblies fabricated from steel plate. Drive side of barrel to be provided with precision sealed ball bearing in cast iron housing.
Barrel:	Fabricated from minimum 4-1/2" O.D. pipe. Deflection under full load not to exceed 0.03" per ft. of span. Barrel provided with threaded rings or lugs welded to the barrel assembly for curtain attachment
Springs:	Spring tension assembly supported within barrel by precision ball bearings. Curtain weight counterbalanced by oil-tempered, helically wound torsion springs, grease packed and mounted to steel torsion shaft with cast spring plug.
Hood:	Fabricated from minimum 24 gauge galvanized steel, aluminum or stainless steel sheet to match curtain and shaped to fit within the headplates. Intermediate hood support(s) furnished as required.
Locking:	Manual push-up doors furnished with thumb turn lock and handle (standard). Stainless steel slide locks provided with stainless steel curtains (standard). Cylinder locking optional.
Operation:	Manual push-up, reduced drive awning crank (required on doors wider than 11'4"), concealed tube motor or outside motor optional.
Finish:	Extruded aluminum curtain, guides and bottom bar to be clear anodized. Steel curtain slats and hood hot-dipped galvanized per ASTM A-653 with baked on epoxy primer and polyester finish coat in grey or white. All curtains are furnished with clear anodized extruded aluminum boxed guides and bottom bar as standard. Stainless shutters furnished with #4 polished finish curtain and bottom bar. Optional stainless steel guides in #4 finish are available. Optional powder coating available for all painted steel and aluminum components.
Warranty:	Manufacture's standard five year from date of plant shipment against defects in materials or workmanship. (Spring wire one year.)
Installation:	C.H.I. Rolling Steel Doors shall be installed and adjusted according to C.H.I. assembly instructions by trained door service technicians.