

Specification Sheet: Series 6500 Rolling Steel Counter Shutter

- Curtain:** Extruded, interlocking aluminum slats, interlocking roll-formed slats in 22 gauge steel or interlocking roll-formed 22 gauge #4 polished stainless steel slats. Lateral slat movement and curtain wear controlled by nylon endlocks fastened to every other slat. Slat profile measures 1-1/2" high by 1/2" deep.
- Bottom Bar:** Extruded aluminum with integral lift rails and duel bottom astragal for aluminum and steel curtains. Stainless steel angles with astragal standard for stainless curtains. Two piece stainless steel tubular bottom bar with astragal (optional).
- Guides:** Extruded, clear anodized aluminum. Box shaped, two piece configuration with soft brush guide runners, bell mouths and travel stops. 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 plates 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. Spring assembly designed for 10,000 cycle life springs (Standard), Higher cycles optional.
- Hood:** Fabricated from minimum 24 gauge galvanized steel, aluminum or stainless steel sheet 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, 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 and white. Painted curtains are furnished with clear anodized extruded aluminum boxed guides and bottom bar. Stainless shutters furnished with #4 polished finish curtain, guides and bottom bar 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.