

Product Data Sheet

Speed-Commander™ 1400 SEL¹⁹ Food-Master
SoftEdge Light Curtain 2019 with Sanitary Compliance Features



Features



Speed-Commander™ 1400 SEL¹⁹ Food-Master high speed flexible door in white with optional 304 stainless steel finishes.

- Smart Start™ NXT, NEMA 4X programmable control box available with 304 stainless steel enclosure.
- Speed: Up to 80"/sec. open, 30"/sec. close.
- Patented, self-repairing design, able to re-align displaced panels into guide tracks.
- Space saving 6" wide x 3 1/2" projection compact side frames with dual vinyl seal.
- Features non-contact light grid protection.
- Available one-piece welded fabric curtain.
- Tough, 2-ply reinforced puncture resistant Commander™ fabric curtain panels.
- 1 Standard full-width clear PVC vision area.
- Panel Colors: White, Yellow, Orange, Red, Blue, Gray.
- Curtain available in FDA compliant white fabric.
- Best-in-class 5 & 2 year warranty. 5 years motor & curtain. 2 years all other mech/electrical components.

Technical Data		Remark	
Speed-Commander™ 1400 SEL ¹⁹ Food-Master Flexible, high performance overhead rapid coiling door for interior sanitary environments.		Specify High Performance Doors in Section 08 33 30.13 'Overhead Rapid Coiling Doors' Find CSI format documents available at MasterSpec®, SpecLink, and Hormann.us®	
Application		Interior Only Hood required for low clearance doors	
Speed		Opening Up to 80"/sec.	Closing Up to 30"/sec. Variable speed based on opening height
Control Box		Smart Start™ NXT (11 5/8" W x 15 3/4" H x 8 1/2" D) Standard, NEMA Type 4X rated SmartControl M2M activation optional	
Roll-up Technology		Hollow-core steel roll tube with precision-welded axles Standard Galv. (optional Stainless Steel)	
 Overhead Coiling	Door Construction	Consult Factory for Additional Sizing Info. One-Piece Welded Fabric available up to 10 ft wide	
	Size Range	Min. 4'-0" up-to 14'-0" wide Min. 4'-0" up-to 16'-0" high	
	Guide Track Profile	6" x 3 1/2" (W x D)	
	Roll Tube Diameter	6 1/4" 6" for 304 stainless steel	
	Vision Panel(s) Height	36" High, 1/8" Thick Begins at 52" above finished floor	
Required Headroom	17 1/4" min. Headroom to increase with optional hood		
Drive Mechanism		Direct-drive operator keyed to Roll Tube --	
Counterbalance System		Not Required --	
Braking		Control box activated 24V DC brake Standard	
Cycleability / Maintenance		High Cycleability Inspect at 6 mo. intervals Consult factory for details	
Safety Features		Integrated in-line light grid, hand crank open/close Optional Chain Hoist Available	
Resistance to Wind Load (Interior Only)		Up to 1.60 psf; Wind Load Class 0; 25 mph Per standard EN 12424, DASMA 108	
Fire Resistance Rating		Non-rated, Non-conforming exit Per 2012 IBC Section 1008	
Warranty		5 & 2 years. Motor/gearbox and Panels (5), all other mech./elec. (2) Standard	
Materials and Finishes			
Guide Tracks		12-ga. HDG steel tracks Zinc, Class G90 (Stainless Steel 304 optional)	
Door Header Assembly, Roll Tube		5 mm Hot-dipped galvanized steel Zinc, Class G90 (3 mm Stainless Steel 304 optional)	
Weather Seals		Dual white vinyl jamb seals. Vinyl loop lintel seal. Jambs: White / Lintel: Black	
Panel Connectors		Clear Anodized Extruded Aluminum Profiles Standard (Single-piece Welded Panel Optional)	
Materials and Finishes (Continued)		Remark	

Product Data Sheet (Continued)

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Solid Door Panels: (Standard)	58 Oz. White Fabric with Aluminum Panel Connectors	White Abrasion resistant, 2-ply poly-reinforced "Commander™" PVC sheet, 1.4 mm Thick, 58 oz./yd ²	Optional Color Availability: Yellow, Orange, Red, Blue, Gray, (58 oz./yd ²)
Solid Door Panels: (Optional)	58 Oz. Welded Fabric (Spring Steel Reinforced Pockets)	Welded Fabric, 2-ply poly-reinforced "Commander™" PVC sheet, 1.4 mm Thick, 58 oz./yd ²	Optional Color Availability: White, Yellow, Orange, Red, Blue, Gray, (58 oz./yd ²)
	94 Oz. One-Piece Fabric (Seamless or with Vision)	(Food-Grade FDA '21CFR') 2-ply poly-reinforced PVC sheet, 2.6 mm Thick, 94 oz./yd ²	Optional Color Availability: White, Consult Factory for Other Colors (94 oz./yd ²)
Vision Door Panels: (Standard)	Full-Width Continuous (Food-Grade FDA '21CFR')	Transparent PVC sheet, 2.8 mm Thick	Color Availability: Clear
Ventilation Door Panel: (Optional)	Full-Width Continuous Removable Screen Panel	Vinyl coated 1000 density polyester core yarn in warp and fill. 0.6mm Thick, 10.4 oz./yd ²	Ventilation panel frame, extruded anod. aluminum Fabric Openness 46.9%
Bottom Bar	Soft Edge Bottom Bar with spring steel reinforcing		Optional Clear Anodized Extruded Aluminum available.
Electric Door Operator	Cast aluminum		304 Stainless Steel optional
Control Panel	Standard: Baked-on polyester powder coat paint. Color RAL 7035 Light Gray		304 Stainless Steel optional
Hood and Motor Cover (optional)	14-ga. Hot-dipped galvanized steel		Zinc, Class G90 (16-ga. 304 Stainless Steel optional)
Energy Analysis			
Visible Transmittance (Tvis)	0.80%		Per calc ANSI/NFRC 200-2014 (Clear Vision Panels)
Acoustic Insulation	STC 35, R _w 35 dB		Per test EN 717-2, ASTM E90 (Without Visions)
LEED Credit (Potential)	EAc2, MRc1, MRc3, IEQc2, IEQc4, INc1, RPc1		USGBC® LEED v4
Electrical			
Electric Door Operator (Motor)	2.0 HP GfA Elektromaten F15		NEMA Type 3 / IP54
Operating Voltage (Motor)	132vAC, 3 PH		From Control Box to Motor
Control Box	"Feig" 5 KW variable frequency drive rated for operating voltage		NEMA Type 4X / IP66, UL/CUL Listed
Standard Power Requirement (to Control Box)	230 vAC, 1 PH or 208vAC* - 575 vAC*, 3 PH, 60 Hz		*Buck-Boost Transformer may be req. at voltage limits
Full Load Amps	13.3 A		Operator
Disconnect	Fuse: 20 Amp, Class K		Service to Control Box. Supplied by Others

State-of-the-Art Integrated Safety

Speed-Commander™ 1400 SEL¹⁹ Food-Master High-Performance doors are ideal for sanitary wash-down environments, and fast opening speeds of 80 inches per second increasing protection from contamination and environmental temperature and humidity control between two areas.

Choose Between Two Food Grade Curtain Materials

Two effective panel materials are available on the Food-Master. The standard is a 40 oz. / sq. yard white nylon-reinforced, puncture resistant PVC, perfect for basic applications. An optional 90 oz. / sq. yard 100 percent FDA approved white polyurethane panel material is available when regulatory compliance is needed.

304 Grade Stainless Steel Options for the Highest Demands

The Speed-Commander™ 1400 SEL¹⁹ Food-Master offers freedom of configuration to meet the exact options you require, without risk of unnecessary costs. Stainless steel optional components include the Roll Tube, Hood and Motor Enclosure, Jamb Guide Tracks, and all Hardware.



Speed-Commander™ 1400 SEL¹⁹ Food-Master flexible High-Performance doors can provide excellent reliability.

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Hörmann Flexon, LLC | Starpointe Business Park | 117 Starpointe Boulevard | Burgettstown, PA 15021-9506
1-800-365-3667 | 724-385-9150 | Fax: 724-385-9151 | www.hormann.us | Email: info2@hormann.us