

620L/622L

Linear Rope Gripper®



Model 620L



Model 622L

TRUST THE INDUSTRY LEADER IN SAFETY INNOVATION

Industry's best way to prevent overspeeding and unintended cab movement

BENEFITS

- Eliminates rope damage and machine stress
- Easy to install and align
- Provides protection when slipping traction
- Provides constant and powerful braking force throughout life of linings

FEATURES

- Compatible with spreads up to 5-1/4 (620L) or 6-1/2 in. (622L) (133 to 165 mm)
- Small, self-contained compact design
- Provides adequate clearances between the rope and self-grooving "grip" linings
- Eliminates the need for a hydraulic pump for installation in smaller areas
- Adjustable for rope size
- Only five wires are needed to connect the Rope Gripper to the controller
- **Coming Soon**
 - 4 wire system for ease of install
 - Emergency Power Unit
- LED's to assist in identifying potential errors
- Self-monitoring functionality for additional safety
- One item to mount instead of two—no pumping unit to mount
- No longer need to run hydraulic hose, flexible conduit, and wiring between the two units, as is required in the hydraulic gripper
- Lower installation time enables reduced costs
- With the simplification of the Rope Gripper system with the new "L" series, field technician training is streamlined
- Lower shipping weight enables easier handling in the warehouse and in the field, and can cut freight costs

WHEN ORDERING, PLEASE SPECIFY

- Capacity
- Maximum car speed
- Weight of
 - empty car
 - counterweight
 - traction rope weight
 - compensation rope weight
- Number, size and lay (regular or lang) of rope
- Out-to-out spread of ropes
- Rope configurations

SPECIFICATIONS

	MODEL 620L 1:1 ROPING		MODEL 620L 2:1 ROPING		MODEL 622L 1:1 ROPING		MODEL 622L 2:1 ROPING	
Out-to-out (max)	5 1/4 in	133 mm	5 1/4 in	133 mm	6 1/2 in	165 mm	6 1/2 in	165 mm
Power	1A, 110 - 240VAC, 1 PH, 50/60Hz for 620L units				2A, 110 - 240VAC, 1 PH, 50/60Hz for 622L units			
Contact ratings	5A, 250VAC / 5A, 30VDC for all units							
Closing time	0.3 seconds for all units							
Door zone (max)	± 3 in. (6 in. total) [± 76.2 mm (152.4 mm total)] for all units							
Rated speed (max)	350 f/m	1.78 m/s	250 f/m	1.27 m/s	600 f/m	3.05 m/s	400 f/m	2.03 m/s
Tripping speed	402 f/m	2.04 m/s	303 f/m	1.54 m/s	690 f/m	3.51 m/s	459 f/m	2.33 m/s
Car rated load (max)*	2,560 lbs	1,161 kg	5,120 lbs	2,322 kg	5,000 lbs	2,268 kg	10,000 lbs	4,536 kg
Car rated load (min)*	600 lbs	272 kg	1,500 lbs	680 kg	1,500 lbs	680 kg	2,500 lbs	1,134 kg
System mass (max)**	12,070 lbs	5,475 kg	24,140 lbs	10,950 kg	18,600 lbs	8,437 kg	38,000 lbs	17,237 kg
Car and CWT (min)**	2,280 lbs	1,034 kg	6,000 lbs	2,722 kg	6,000 lbs	2,722 kg	8,000 lbs	3,629 kg
Shipping weight	80 lbs	36 kg	80 lbs	36 kg	120 lbs	54 kg	120 lbs	54 kg

Note: Four 1/2" bolts (Grade 5) are required for models 620L and 622L

* with 40 - 50% counterweight

** includes car, car load, counterweight, hoist and compensation rope mass



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