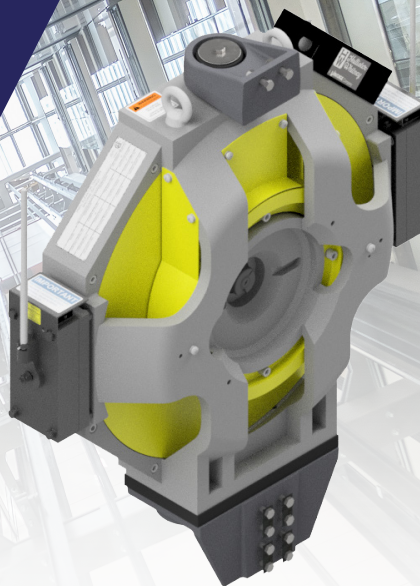


GLR-25S2

Permanent Magnet AC Gearless Traction Machine



RAIL MOUNTED TRACTION MACHINE

**Ideal for
Rail Mounted MRL
Traction 2:1
Applications**

GENERAL SPECIFICATIONS

- Speed: Up to 350 fpm
- Capacity: Up to 2,500 lbs
- Roping: 2:1 - Single Wrap Traction
- Drive Sheave Diameter: 420 mm & 480 mm
- Maximum Sheave Shaft Load: 9,000 lbs
- System Load: 18,000 lbs
- Grooving: Up to (6) - 10 mm or (8) - 8 mm Ropes
- Counterweight: 50%
- Machine Weight: 1,056 lbs
- Physical Dimensions: 40.469" W x 43.530" H x 9.830" D
- Voltage: 208 & 480

BENEFITS

- Compact MRL Application / Fits Between Rail & Wall
- Block Brakes – Ease of Access | Quiet | Fewer Moving Parts
- High-Grade Rare Earth Magnets – High Torque, Low Temperature
- Low Force Required for Manual Brake Release
- Highly Efficient / Lower Power Consumption
- Low Audible Noise
- Passenger Comfort – Smooth Stepless Motor Control

STANDARD FEATURES

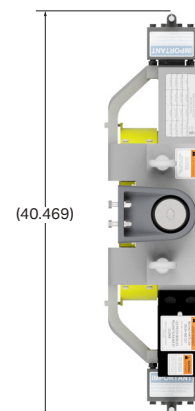
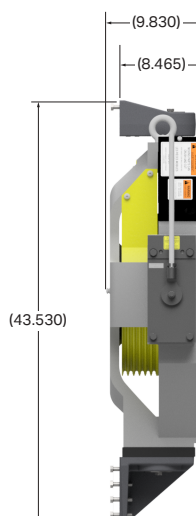
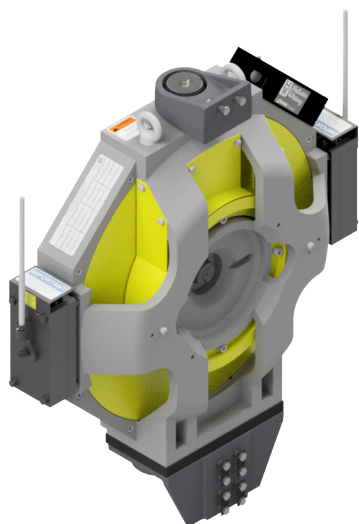
- Superior 30 Pole PMAC Motor Technology
- Two Independently Controlled Block Brakes – Each Capable of Stopping and Holding 125% of Rated Capacity
- Fully Vibration Isolated Design
- Sealed Bearings
- Heidenhain ECN 1313 – 2048 PPR - EnDat Digital Encoder with Standard 60 in. Pigtail Fitted with Round 17 PIN Coupling
- Thermal Protection Device
- Rope Retention – Continuous Arc of Contact



OPTIONS

- Shielded Encoder Cable Lengths – **KEB**: 15 m (49 ft), 20 m (65 ft), 30 m (98 ft), 40 m (131 ft), 50 m (164 ft) and 75 m (246 ft) | **Magnetek**: 20 m (65 ft), 40 m (131 ft), 50 m (164 ft) and 100 m (328 ft)
- Modernization and New Construction Design Services
- Custom Grooving for Specific Applications
- Remote Manual Brake Release

GLR-25S2 HW PART #	SPEED (FPM)	CAPACITY (LBS)	MOTOR RATING (HP)	POLES	RATED (RPM)	RATED VOLTAGE (V)	RATED FREQ (HZ)	RATED CURRENT (A)	RATED TORQUE (FT-LBS)	MAX ACCEL TORQUE (FT-LBS)	CWT (%)	SHEAVE DIA (IN)	SHEAVE DIA (MM)
GLR-25S2-A-R401A (8mm Rope)	150	1500	4.6	30	69.3	480	17.3	6.1	350	699	50	16.54	420
GLR-25S2-A-R401B (10mm Rope)		2000	6.1					8.2	465	930			
		2500	7.7					10.2	580	1160			
GLR-25S2-A-R402A (8mm Rope)	200	1500	6.2	30	92.4	480	23.1	8.0	350	699	50	16.54	420
GLR-25S2-A-R402B (10mm Rope)		2000	8.2					10.5	465	930			
		2500	10.2					13.2	580	1160			
GLR-25S2-A-R403A (8mm Rope)	350	1500	10.8	30	161.7	480	40.4	13.8	350	699	50	16.54	420
GLR-25S2-A-R403B (10mm Rope)		2000	14.3					18.4	465	930			
		2500	17.9					23.0	580	1160			
GLR-25S2-A-R201A (8mm Rope)	150	1500	4.6	30	69.3	208	17.3	13.9	350	699	50	16.54	420
GLR-25S2-A-R201B (10mm Rope)		2000	6.1					18.5	465	930			
		2500	7.7					23.1	580	1160			
GLR-25S2-A-R202A (8mm Rope)	200	1500	6.2	30	92.4	208	23.1	18.5	350	699	50	16.54	420
GLR-25S2-A-R202B (10mm Rope)		2000	8.2					24.7	465	930			
		2500	10.2					30.8	580	1160			
GLR-25S2-A-R203A (8mm Rope)	350	1500	10.8	30	161.7	208	40.4	32.2	350	699	50	16.54	420
GLR-25S2-A-R203B (8mm Rope)		2000	14.3					42.6	465	930			
		2500	17.9					53.3	580	1160			
GLR-25S2-B-R404A (8mm Rope)	150	1500	4.6	30	60.6	480	15.2	6.3	400	800	50	18.90	480
GLR-25S2-B-R404B (10mm Rope)		2000	6.1					8.4	530	1060			
		2500	7.7					10.6	665	1330			
GLR-25S2-B-R405A (8mm Rope)	200	1500	6.2	30	80.9	480	20.2	8.2	400	800	50	18.90	480
GLR-25S2-B-R405B (10mm Rope)		2000	8.2					10.9	530	1060			
		2500	10.2					13.7	665	1330			
GLR-25S2-B-R406A (8mm Rope)	350	1500	10.8	30	141.5	480	35.4	13.9	400	800	50	18.90	480
GLR-25S2-B-R406B (10mm Rope)		2000	14.3					18.5	530	1060			
		2500	17.9					23.2	665	1330			
GLR-25S2-B-R204A (8mm Rope)	150	1500	4.6	30	60.6	208	15.2	14.8	400	800	50	18.90	480
GLR-25S2-B-R204B (10mm Rope)		2000	6.1					19.7	530	1060			
		2500	7.7					24.7	665	1330			
GLR-25S2-B-R205A (8mm Rope)	200	1500	6.2	30	80.9	208	20.2	20.0	400	800	50	18.90	480
GLR-25S2-B-R205B (10mm Rope)		2000	8.2					26.3	530	1060			
		2500	10.2					33.0	665	1330			
GLR-25S2-B-R206A (8mm Rope)	350	1500	10.8	30	141.5	208	35.4	34.3	400	800	50	18.90	480
GLR-25S2-B-R206B (10mm Rope)		2000	14.3					45.8	530	1060			
		2500	17.9					57.2	665	1330			



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