

MECHANICAL STRADDLE FREIGHTLIFTS

888-811-9876 www.Autoquip.com



TYPICAL APPLICATIONS

Mechanical Straddle Freightlifts are designed to stop at multiple positions to access heights up to 100 feet and to have more precise control of their stop-start movements. They are mechanically operated by means of a brake motor and gear reducer with a common drive shaft. Raising and lowering of the carriage platform is accomplished with heavy-duty roller chain.



Slack Chain Safety Stop



Safety cams to limit carriage freefall to 4"



Lubricated-for-life bushings on guide rollers

FEATURES & BENEFITS

Chain driven Permanently adjusted, no maintenance or chain tensioners required

High tension rollers Smooth platform travel

Lubricated-for-life composite bearings on all pivot points Maintenance free bearings, no greasing required

Turned, ground, polished and hard-chromed pins Extended bearing life

Solid steel construction One piece drive shaft Minimal platform deflection

Automatic carriage-jam sensing and protection Protects the equipment and the employees

Pre-assembled drive base unit Decreased cost of field installation

Safety Cams Prevents platform freefall to less than 4 inches

UL listed controls Dust, dirt, and drip resistant industrial enclosure

NEMA 12 pre-wired control box Industrial grade control enclosure

SSAC Overload Relay Overload protection

Built and designed in accordance with ANSI B20.1 code Designed to meet or exceed all industry standards

Safety labels comply with ANSI Z335 Employee safety is enhanced

One year warranty Built to last and we back this up with the best Warranty in the industry

OPTIONS

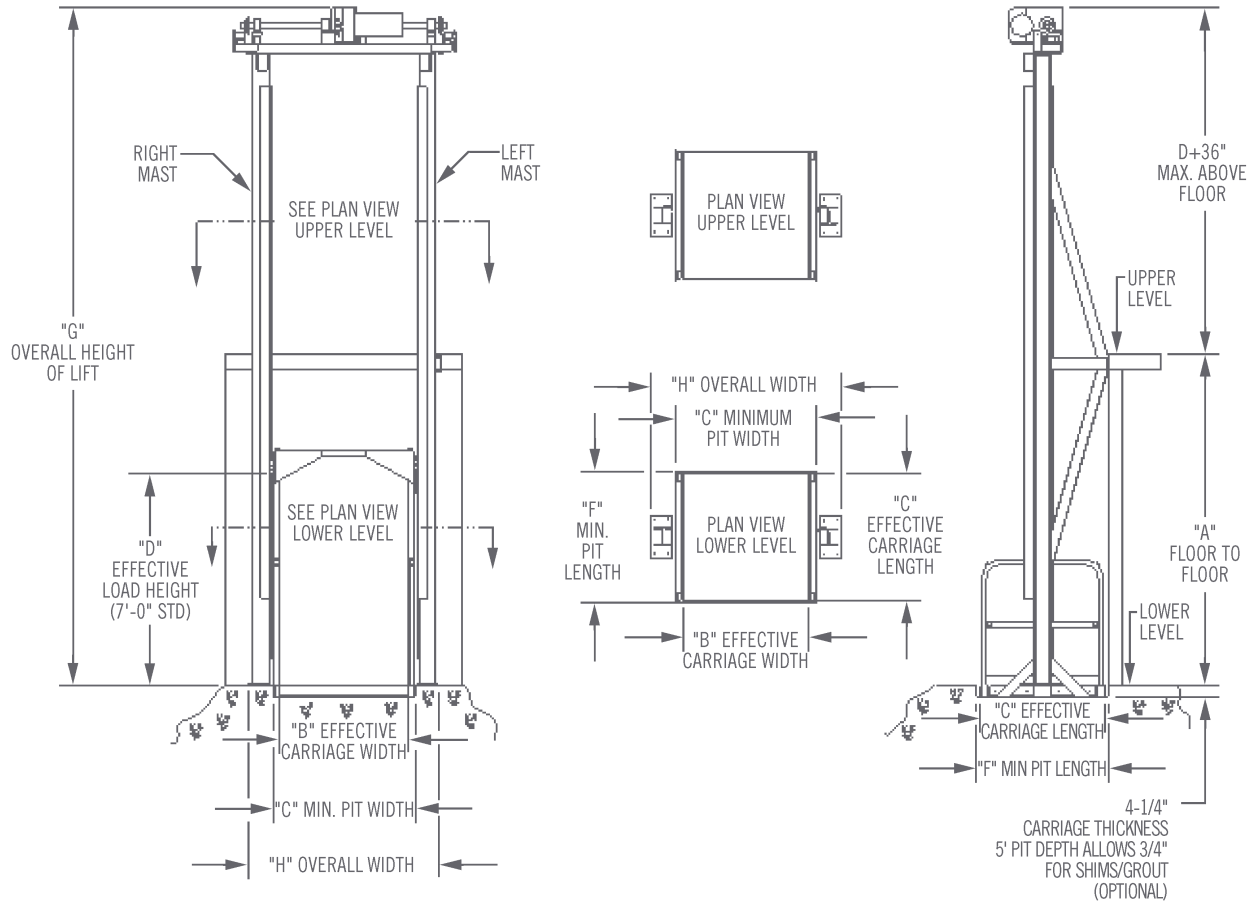
- Gates and enclosures to meet customers requirements
- Specific state code packages
- Mast splice to meet installation conditions
- Optional on-load/off-load configurations

APPLICATIONS & MARKETS

- Mezzanine Applications
- Multi-story Manufacturing Facilities
- Distribution Facilities
- Self-storage Or Mini Storage Facilities
- Auto Dealer Part Departments
- Retail Outlets
- Restaurants
- Multi-story Office Complexes
- Hospitals

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SPECIFICATIONS

| MAX. TRAVEL (feet) | CAPACITY (pounds) | PLAT. MINIMUM width x length (in feet) | PLAT. MAXIMUM width x length (in feet) | HP minimum | SPEED fpm | MODEL |
|-----------------------|----------------------|--|--|---------------|--------------|-------|
| 100 | 1,000 | 4 x 3 | 10 x 12 | 3 | 30 | FLM-1 |
| 100 | 2,000 | 4 x 3 | 10 x 12 | 3 | 30 | FLM-2 |
| 100 | 3,000 | 4 x 3 | 10 x 12 | 5 | 30 | FLM-3 |
| 100 | 4,000 | 4 x 3 | 10 x 12 | 5 | 30 | FLM-4 |
| 100 | 5,000 | 4 x 3 | 10 x 12 | 7.5 | 30 | FLM-5 |
| 100 | 6,000 | 4 x 3 | 10 x 12 | 7.5 | 30 | FLM-6 |