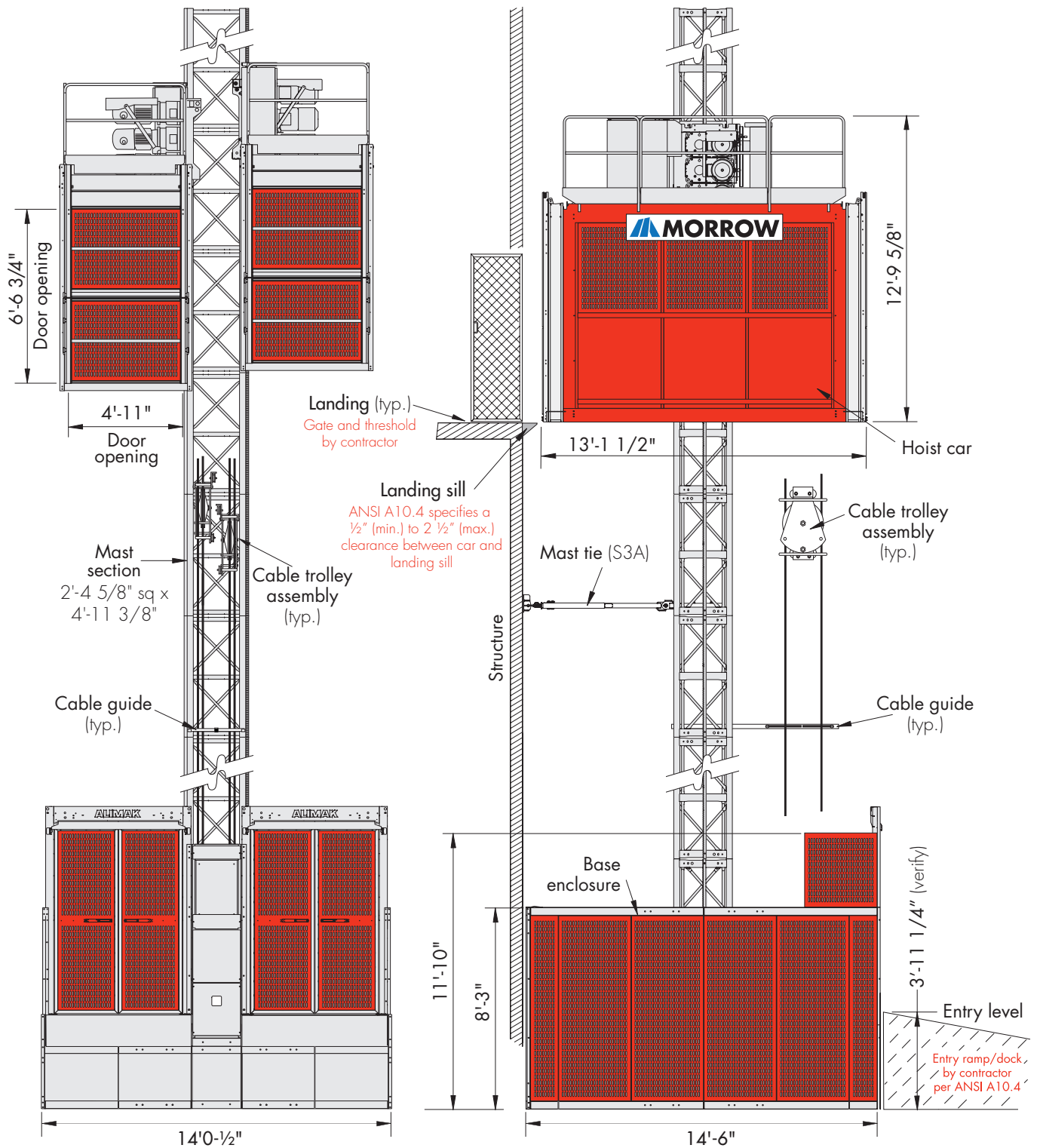


# Alimak FC 7100-12D

## Model 650 FC 32/39 Dual Car Construction Hoist



## SPECIFICATIONS

### Meets the Requirements of ANSI A10.4

#### GENERAL

Max. load capacity <sup>1</sup> .....	7,100 lbs (per car)
Max. freestanding mast height <sup>2</sup> .....	30'-0"
Max. untied mast overhang <sup>3</sup> .....	30'-0"
Max. mast tie spacing <sup>3</sup> .....	30'-0"
Minimum mast tie spacing <sup>3</sup> .....	19'-8"
Max. standard lifting height <sup>4</sup> .....	660'
Number of passengers .....	29 (per car)
Car inside dimensions (approx.) .....	12'-9" x 4'-11" x 7'-6 1/2"
Side gate opening (if equipped) .....	6'-6 3/4" x 10'-6"
Mast section length .....	4'-11 3/8"
Speed .....	Up to 175 fpm

<sup>1</sup> Maximum capacity of 7,100 lbs to a lifting height of 300'. Contact Morrow Equipment for specific capacities at greater lifting heights.

<sup>2</sup> Requires use of an embedded foundation frame in lieu of mast anchor expansion bolts. See operation manual or contact Morrow engineering for specific information. Foundation anchorage provided by customer.

<sup>3</sup> Maximum untied mast overhang and mast tie spacing dimensions vary subject to installation conditions, manufacturer specifications, and regulatory compliance. See manufacturer data or contact Morrow Equipment for specific information.

<sup>4</sup> Greater lifting heights are available. Contact Morrow Equipment for specific information.

#### WEIGHTS

Base enclosure (without car) .....	2,358 lbs (per side)
Base enclosure (with one car) .....	5,640 lbs
Motorpack (3 x 14.7 hp) .....	1,965 lbs
Hoist car (without motorpack) .....	3,282 lbs
Mast section (single rack) .....	254 lbs
Mast section (double rack) .....	300 lbs

#### ELECTRIC POWER

480 V phase-phase, 277 V each phase to ground with 120° phase shift between phases. 3-phase, 60 Hz power supply plus ground wire. Do not use Open-Delta supply.

Motors (VFD) .....	3 x 14.7 hp (11 kW) (per car)
Power supply fuses .....	100 Amps (per car)
Starting current .....	91 Amps (per car)
Power consumption .....	66 kVA (per car)