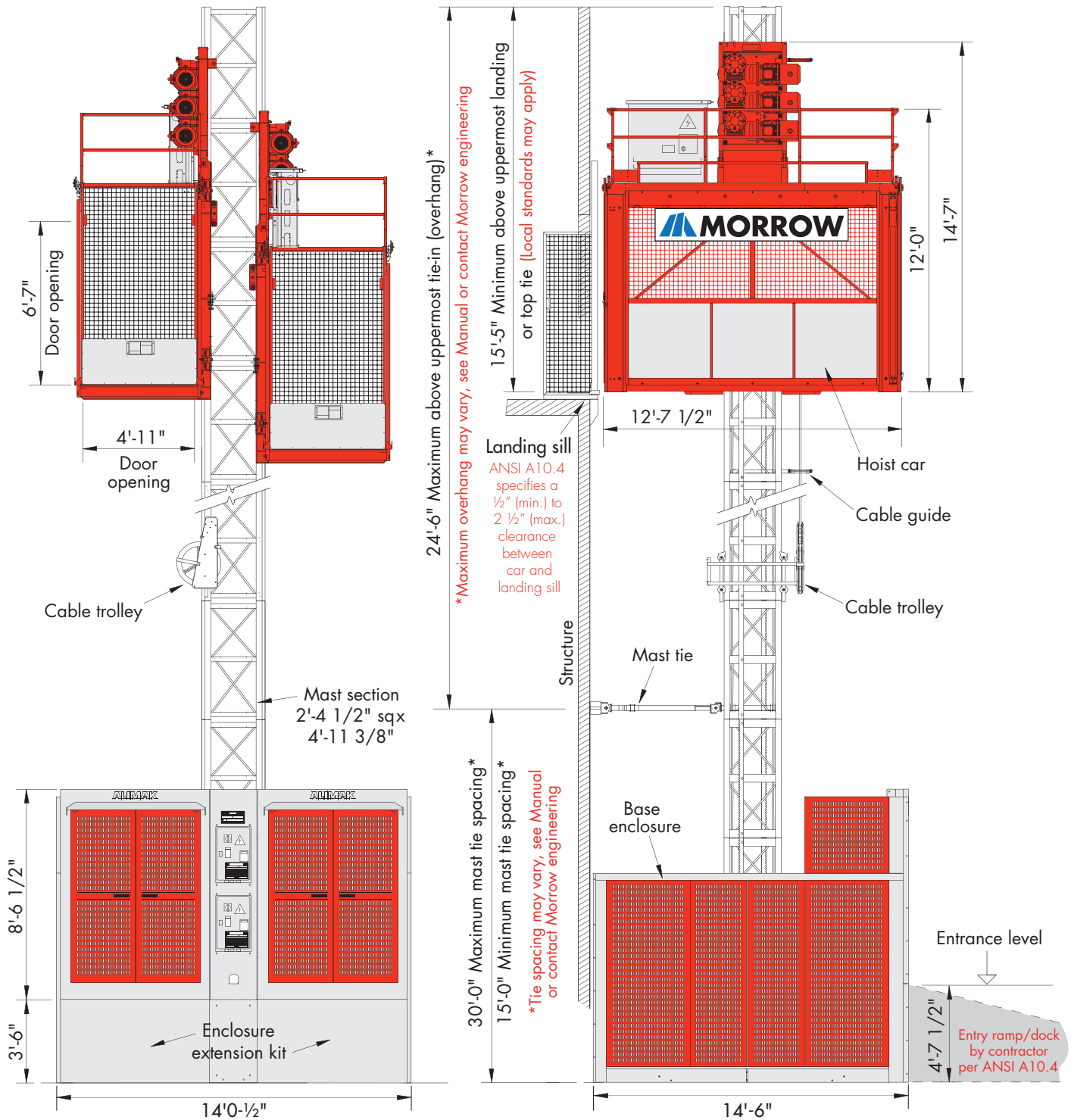


# Alimak FC 6200-12D

## Model FC 28/37 TD Dual Car Construction Hoist



# **S P E C I F I C A T I O N S**

## **Meets the Requirements of ANSI A10.4**

### **GENERAL**

Max. load capacity <sup>1</sup> .....	6,200 lbs (per car)
Max. freestanding mast height <sup>2</sup> .....	30'-0"
Max. untied mast overhang <sup>3</sup> .....	24'-6"
Max. mast tie spacing <sup>3</sup> .....	30'-0"
Minimum mast tie spacing <sup>3</sup> .....	15'-0"
Max. standard lifting height <sup>4</sup> .....	490'
Number of passengers .....	30 (per car)
Car inside dimensions (approx.) .....	12'-2" x 4'-11" x 7'-3"
Side gate opening (if equipped) .....	6'-7" x 10'-6"
Mast section length .....	4'-11 3/8"
Speed .....	Up to 157 fpm

<sup>1</sup> Maximum capacity of 6,200 lbs to a lifting height of 490'. 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.  
<sup>5</sup> Up to a lifting height of 200'. For heights greater a 125Amp service is required.

### **WEIGHTS**

Base enclosure (without car) .....	3,090 lbs (per side)
Base enclosure (with one car) .....	6,922 lbs
Motorpack (3 x 15 hp) .....	1,965 lbs
Hoist car (without motorpack) .....	5,370 lbs
Mast section (single rack) .....	254 lbs
Mast section (double rack) .....	341 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 15 hp (11 kW) (per car)
Power supply fuses <sup>5</sup> .....	100 Amps (per car)
Starting current .....	170 Amps (per car)
Power consumption .....	87 kVA (per car)