

For Aerospace Applications



MST Crane - Delta IV

General Data

Crane Capacity: 50 Tons

Bridge Span: 55'-0"

Lift Height: 300'-0"

Hoist Speed: 40 FPM

Duty Class: CMAA D



Performance Features

EMI Filtration: Minimizes EMI emissions into power system
Weigh Scale System: Provides .5% accuracy of the lifted load
Flux Vector AFD Controls: Allows the load to be held aloft at zero speed
(3) Separate Control Means: Remote Master and (2) Portable Stations
Positioning System: Assures positional accuracy of +/- .0625"





Safety Features

Redundant Hoist Reeving System: Prevents load drop in event of rope failure

Overspeed Protection: Directly connected to drum shaft

Misreeving Protection: Designed to detect slack wire

rope condition Emergency Hoist Brake: Caliper type

brake acting directly hoist drum Hook Isolation: Allows

not more than 70 micro-A per 1000 volts applied



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