

WHEEL CLAMP/BRAKE APPLICATION DATA SHEET

(One Sheet per Machine Model - Specify Metric or Imperial Units)



Customer: _____ Date: _____ Ref. No. _____

Address: _____

City: _____ State/Prov./County: _____ Zip: _____

Attention: _____ Tel: () _____ Fax: () _____

Quote by: _____ Order will be placed by: _____ Req'd Delivery: _____

Machine: Container Crane Bridge Crane Stacker/Reclaimer Ship unloader
Gantry Crane Stacker Ore Bridge Conveyor Tripper
Portal Crane Reclaimer Shiploader Trolley/Shuttle

Other: _____

No. Identical Machines Involved _____ Retrofit _____ Replacement _____ New Installation _____

Original Manufacturer _____ Model No. _____ No. Wheels _____

Wind: Location: _____ Wind Exposure (A-D) _____

Holding force req'd, lb or N _____ Wind speed, mph or m/sec _____

Sail Area perpendicular to rails, ft²/m² _____ Pressure Centre Height _____ Shape Fctr _____

Rail: ASCE ARA-A ARA-B NYC PS PRR
Crane Rail DIN BSC RODANGE RUSSION JAPANESE

Designation/No. _____ Head Width _____ Wt, lb/yd or kg/m _____

Wheel Clamps: Static/Parking - Brake Force Req'd _____ % of total _____ lb/kN

Dynamic - Wt of Loaded Machine _____ lb/kg Max Speed _____ fpm: m/s

- Brake Force Req'd, lb/N: Wheel Clamps _____ Other Brakes _____

- Max. Stopping distance _____ ft/m Max. Stopping Time _____ sec.

Wheels: Single Outer Flange Two Outer Flanges Single Central Flange for Bullhead Rail

Tread Dia. _____ Width _____; Flange O.D. _____ O/A Width _____

Mounting: Truck/Bogie Top Truck/Bogie End Other _____ No. Locations _____

Clearances, in./mm: Top of Rail to Underside of Sill/Equalizer _____ Between Wheels _____

Actuation: Spring-set, hydraulic release Spring-set, air release Other _____

Power Units: Hydraulic Air Existing Other _____

Release Time (JIL Std 6 sec. max) _____ Set Time Delay _____ Pressure Electrical

Electrical: NEMA 4 Explosion-Proof Other _____ Components Prewired

Optional: Mounting flange/bracket Quick-release HPU Extra User Manuals _____ Field Supervision

Limit switches required to indicate release/wear/other _____ Qty _____ Type _____

Non-std. Caliper mat'ls/coatings: _____

Codes/Standards: _____ F.S. _____

Ambient temperature, C°/F° _____ Max. _____ Min. _____ Humidity, % _____

Atmosphere/Environment: _____

Available power: Main _____ Volt _____ Ph _____ Hz; Control _____ Volt _____ Ph _____ Hz

Air - _____ psi _____ cfm _____ kPa _____ lpm

Hyd - _____ psi _____ usgm _____ kPa _____ lpm

Remarks and Special Considerations: _____
