Distribution Loading Arm Scope Sheet

EMCO WHEATON by Gardner Denver

Date Received: _____ EW Sales Rep: _____ Project Name: _____ Qty:_____

Trading Partner: _____ End User & Location: _____ Vehicle: ☐ Truck ☐ Rail ☐ _____



E2110	E2112	E2025	E2022	E2313	E2304	E2573	E2033	E2123	E2113
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Product Pipe Inlet Size: ☐ 2" ☐ 3" ☐ 4" ☐ 6"
Truck/Rail Connection Size: ☐ 2" ☐ 3" ☐ 4" ☐ 6"

Inlet Flange: ☐ 150# ☐ 300#

Materials of Construction: ☐ CSTL ☐ SST ☐ ALUM ☐ LT CSTL ☐ LINED ☐ Other_____

Seal Material: ☐ Buna ☐ Viton ☐ LT Viton ☐ PTFE Lip ☐ EPDM ☐ Food Grade ☐ Fluoroloy K ☐ Other _____

Balance Mechanism:
- ☐ Spring Can
- ☐ Pneumatic
- ☐ Counterweights
- ☐ _____

Drop Hose: _____
Drop Pipe: _____

Vapor Recovery:
- ☐ Vapor Cone
- ☐ Vapor Plate
- ☐ Vapor Arm
- ☐ Hard Pipe Piggyback
- ☐ Piggyback Hose

Hose Connections: _____

End Connection:
- ☐ MNPT ☐ FNPT
- ☐ 45° Miter ☐ Tee
- ☐ Cone Deflector
- ☐ Coupler _____
- ☐ Flange _____
- ☐ Other _____

Adders:

☐ Level Sensor	☐ Lockdown Device
☐ Vacuum Breaker	☐ Proximity Switch
☐ Load Valve	☐ Load Valve Remote
☐ Grounding	☐ Drop Tube Handle
☐ Breakaway	☐ Telescopic Drop Tube
☐ Outboard Swivel	☐ Spacer Spool
☐ Stand Post	☐ Steam Jacketing
☐ Bullhorn Assembly	☐ Posi-Stop
☐ Valve – Type:_____	

Load Type:
- ☐ Top
- ☐ Bottom
- ☐ Load
- ☐ Unload

Testing & Documentation
- ☐ Hydrostatic, Pressure_____Duration_____
- ☐ Data Book ☐ Small ☐ Large
- ☐ Customer Specific Paint Spec_____
- ☐ Country of Origin Certificate (for export orders)
- ☐ Radiography/X-Ray (%)_____
- ☐ Dye Penetrate Inspection (%)_____
- ☐ Approved Mfg List (AML), Applied Spec_____
- ☐ (ITP) Inspection & Test Plan/Witness/Hold Points
- ☐ Post Weld Heat Treatment (PWHT), Applied Spec_____
- ☐ Canadian Registration Number (CRN), Province_____
- ☐ Positive Material ID (PMI), Applied Spec_____
- ☐ Passivation ☐ Pickling
- ☐ Mag Particle (%)_____ ☐ COC ☐ MTR
- ☐ Crating (Int'l, Robust) ☐ Crating (Frame style, non stackable)
- ☐ Other: _____
- ☐ Visual Inspection (%)_____ ☐ Production Schedule

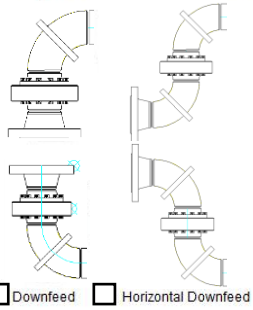
Product Name _____
Flow Rate _____
Operating Temp _____
Operating Press _____

NORMAL FLOW RATES @ 15 ft/s	
2"	150 GPM
3"	350 GPM
4"	600 GPM
6"	1350 GPM

Max Overall Reach

Inlet Configuration

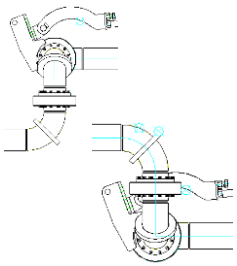
☐ Upfeed ☐ Horizontal Upfeed



☐ Downfeed ☐ Horizontal Downfeed

Base Configuration

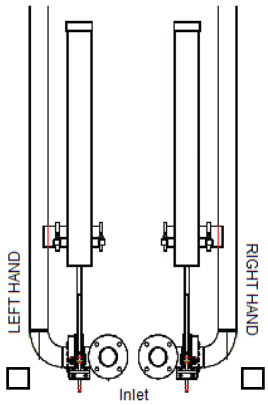
☐ Upfeed



☐ Downfeed

Detailed Engineering Drawing Required for Approval? ☐ Yes ☐ No

Arm Orientation



See page 2 for Rack & Platform Layouts and Dimensions Sheet

NOTES

When idle, will arm retain product?
☐ Yes ☐ No
Density _____

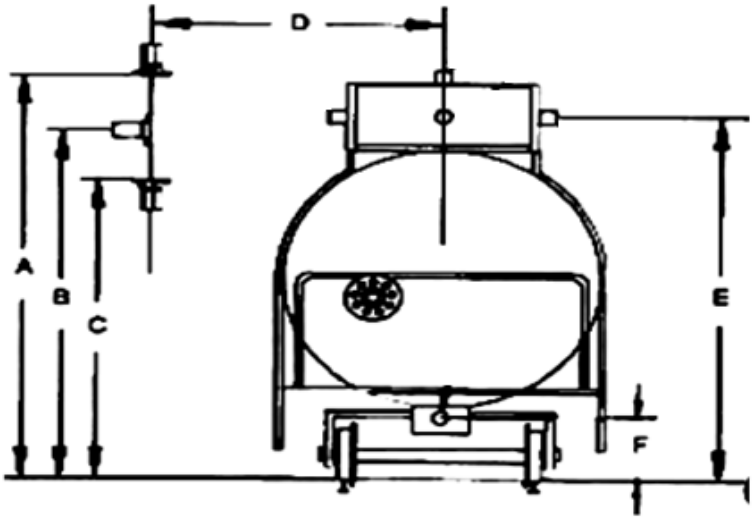
Customer Added Parts

Emco Wheaton USA, Inc. 9111 Jackrabbit Rd. Houston, TX 77095 281-856-1300

Rack & Platform Dimension Sheet

EMCO WHEATON by Gardner Denver

RAIL



A) Riser Height (Downfeed)_____

B) Riser Height (Horizontal)_____

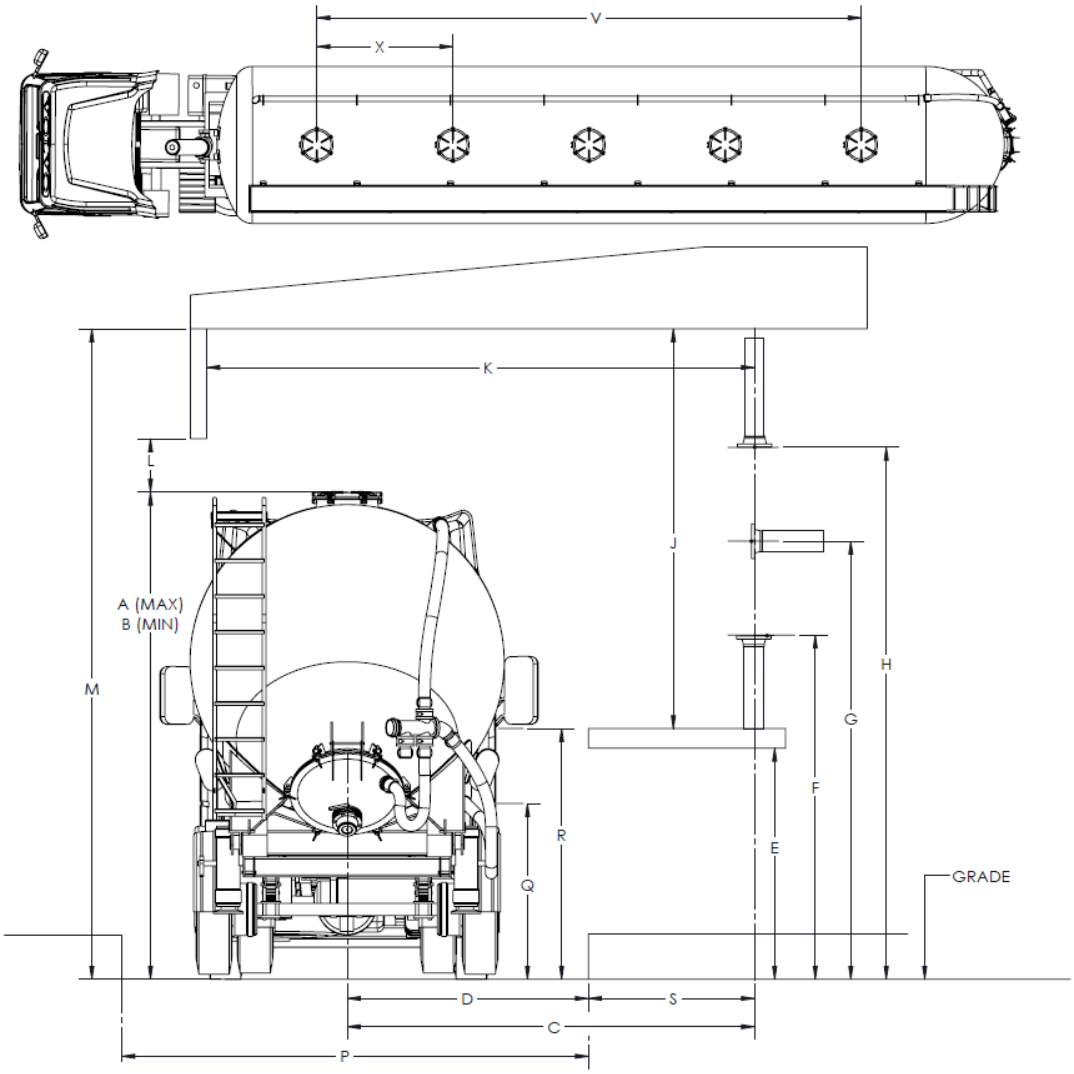
C) Riser Height (Upfeed)_____

D) CL from Inlet to CL Rail Car _____

E) Connection Height from Grade (Top)_____

F) Connection Height from Grade (Bottom)_____

TRUCK



A)TANK HEIGHT (MAX)_____

B) TANK HEIGHT (MIN)_____

C) CL INLET TO CL TANK (MAX)_____ (MIN)_____

D) CL TANK TO PLATFORM EDGE_____

E) PLATFORM HEIGHT TO GROUND_____

F) RISER HEIGHT (UPFEED)_____

G) RISER HEIGHT (HORIZONTAL)_____

H) RISER HEIGHT (DOWNFEED)_____

J) CANOPY HEIGHT FROM PLATFORM_____

K) SAFETY RAIL TO CL RISER_____

L) SAFETY RAIL TO TOP OF TANK_____

M) CANOPY TO GRADE_____

P) WIDTH OF LOADING LANE_____

Q) GRADE TO BOTTOM TANK CONNECTION (MIN)_____

R) GRADE TO BOTTOM TANK CONNECTION(MAX)_____

S) DISTANCE BETWEEN RISER AND ISLAND EDGE_____

V) DISTANCE BETWEEN FIRST AND LAST MANLID_____

X) CL TO CL OF MANLIDS (MAX)_____ (MIN)_____

MISSPOTTING ALLOWANCE _____

OFFSET OF INLET TO L/R OF GANGWAY _____

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