GATE OPENER
Application Data Sheet

WORKMASTER®
WE FIND A WAY — OR MAKE ONE!

PRINT SUBMIT

I. CUSTOMER INFORMATION

Company: _____ Date: _____

Contact: _____ Ph: _____

Title: _____ Ext: _____

Address: _____ E-m: _____

City, St, Zip: _____ Fax: _____

*Determining the most appropriate **Gate Opener** for an unloading site requires **Complete** and **Accurate Data.** We want our Gate Opener to be one of our Customer's **Best Buys – Ever!***

II. RAILCAR and PRODUCT

1. **What product(s) is unloaded:** _____

2. **Railcars discharge into/onto:**

☐ Screw Conveyor ☐ Pneumatic Conveyor ☐ Truck
☐ Belt Conveyor ☐ Vibrating Conveyor ☐ Other _____
☐ Bin or Hopper ☐ Drag Conveyor _____

3. **How many Railcars unloaded:** DAILY _____ ; WEEKLY _____ ; MONTHLY _____

4. **Do Railcars use Rack & Pinion type Slide Gates?**

☐ **YES, if so:** How are Gates opened?: ☐ **NO, if so:** Explain discharge method:
☐ Pry Bar ☐ Come-A-Long ☐ Pneumatic (hose)
☐ Power Tool ☐ Ratchet Wrench ☐ Gravity Swing Gate
☐ Torque Wrench ☐ Jack ☐ Other _____
☐ Other _____ _____

5. **What percentage of Railcar Slide Gates are:**

FIXED Type: _____% TRAVEL Type: _____% OTHER: _____%

Please explain OTHER: _____

_____

6. **Describe the most common problems or difficulties opening Slide Gates:**

☐ Jammed - Product ☐ Speed of Opening ☐ Site Related Difficulties
☐ Jammed - Poor Gate Condition ☐ Other: _____

7. **Do weather conditions or temperature affect opening/closing the Gate?**

☐ **YES, if so:** Heat: _____°F Cold: _____°F ☐ **NO, not affected by weather**
☐ Humidity Related ☐ Ice/Snow Related ☐ Rain Related

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II. RAILCAR and PRODUCT

8. Which Hopper Car Discharge configuration is most common at your Site:

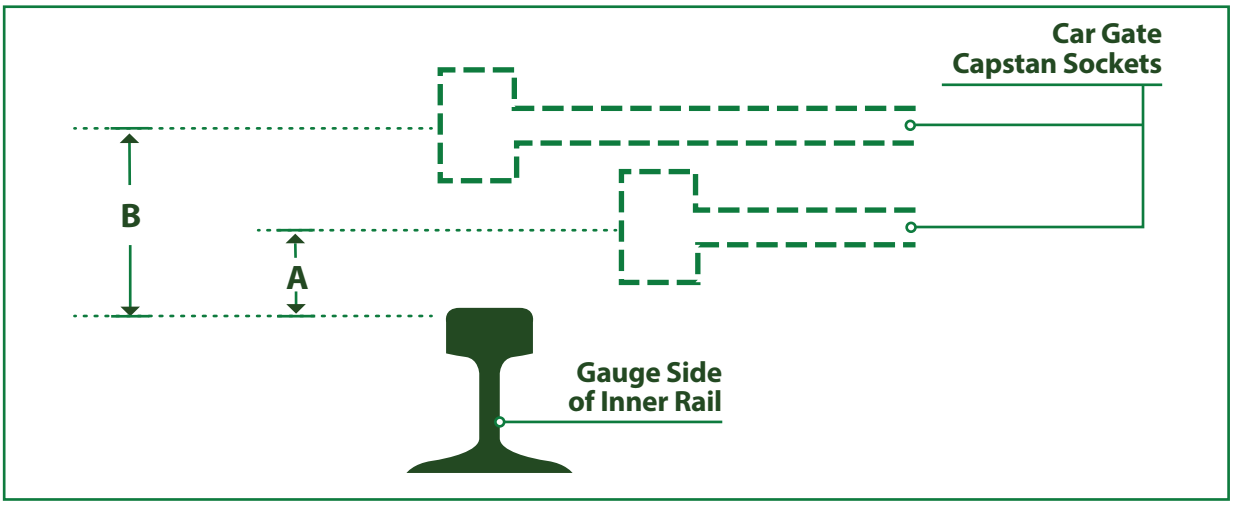
- ☐ 2 Hopper Model
- ☐ 3 Hopper Model
- ☐ Other: _____
- ☐ 1 Single Pocket w/
  - ☐ Capstan 1 side only
  - ☐ Capstan both sides
- ☐ 1 Double Pocket w/
  - ☐ Capstan 1 side only
  - ☐ Capstan both sides
- ☐ 2 Single Pockets (Capstan Sockets each side)

9. Is top of Rail: (a) ☐ Above; (b) ☐ Below; (c) ☐ Even w/Grade If (a) or (b): Height _____"

10. Gate Capstan Sockets on Hopper Cars can vary in height from top of Rail. Based on DIAGRAM #1 (below), in relation to top of Rail, what is the height (") to the center of:

- ☐ **YES, heights vary:**
  - A. Lower Capstan Socket: _____"
  - B. Higher Capstan Socket: _____"
- ☐ **NO, all are:**
  - Height: _____"

DIAGRAM #1



II. SITE: CONDITIONS and DIMENSIONS

1. Is Unloading Site enclosed? ☐ **YES, if so:** ☐ Partial ☐ Full ☐ **NO, not enclosed**

2. Describe the walkway conditions at the Unloading Site:

- ☐ Dirt
- ☐ Aggregate
- ☐ Packed
- ☐ Paved
- ☐ Level
- ☐ Loose
- ☐ Uneven/Bumpy
- ☐ Rough

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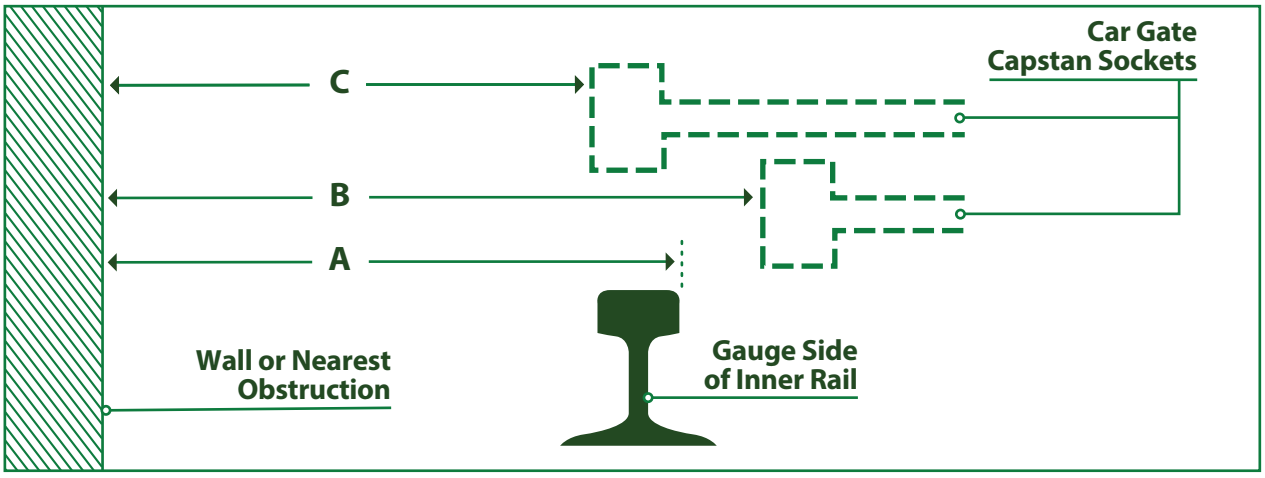
II. SITE: CONDITIONS and DIMENSIONS

3. **Is there a Storage Shed at Site?** ☐ YES ☐ NO

4. **Based on DIAGRAM #2 (below), what are dimensions (") of:**

A: _____"; B: _____"; C: _____" ☐ NO WALL OR OBSTRUCTIONS

DIAGRAM #2



III. SITE: POWER SOURCES

1. **Compressed Air Utility?**

☐ **YES, if so:**

Horse Power Rating: _____ Hp

Compressor Outlet: _____ Inches (")

Operating Pressure: _____ PSI at Site

Operating Air Volume: _____ CFM at Site

☐ **NO, Compressed Air N/A but:**

Will install a Receiver Tank?
☐ YES ☐ NO

Will install a Compressor?
☐ YES ☐ NO

If PSI or CFM is insufficient, will install a Receiver Tank? ☐ YES ☐ NO

Do you filter & lubricate the compressed air at the Site? ☐ YES ☐ NO

2. **Electric Utility?**

☐ **YES, if so:** ☐ **NO**

_____ VAC _____ PH _____ AMPS

Does the site require explosion-proof motors and controls? ☐ YES ☐ NO

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IV. FINAL CONSIDERATIONS

Based on the quantity of Railcars you receive, the condition of the cars, and the layout of your Unloading Site, please provide the following information:

1. On a scale of 5 (most) to 1 (least) how important is:

Safety:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
GO Speed:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
GO Power:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
GO Automation:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
The Budget:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1

2. Do you use a Vibrator to prompt or maintain product flow from Railcar?

☐ **YES, if so:**
- ☐ Air Piston Type
- ☐ Air Roller Type
- ☐ Air Turbine Type
- ☐ Rotary Electric
- ☐ Make: _____

☐ **No, if so:**
- ☐ Never Necessary
- ☐ Could Use Occasionally
- ☐ Could Use Frequently

3. During unloading is air pollution (eg, dust), or product contamination a problem?

☐ **YES**

☐ **NO, because:**
- ☐ Not a Problem
- ☐ Use Sock, Boot or Flexible Connector to Undertrack System;

  Type: _____

Other Information about your problem or Unloading Site you think we should be aware of:

_____

_____

_____

_____

_____

_____