

# **Kit**

## Enclosure Guide

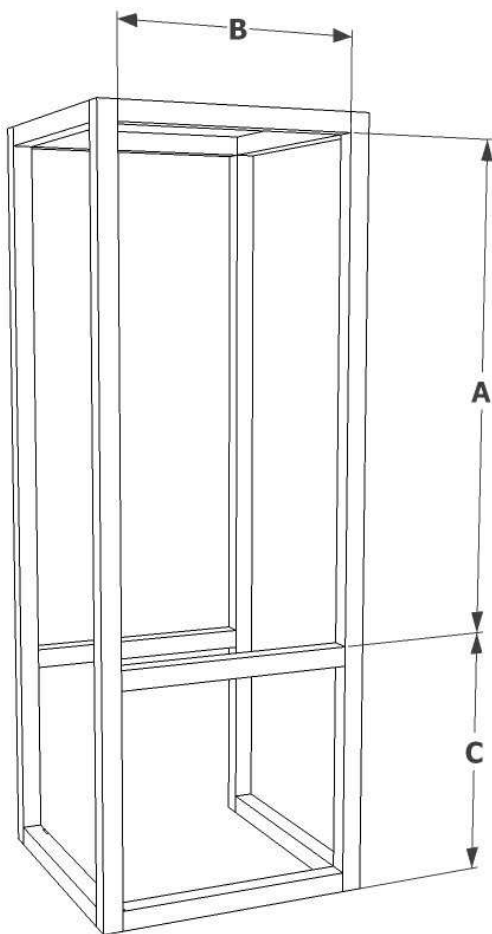
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The Stable Grazer Kit automatic hay feeder is very versatile and can be installed almost anywhere. Also, the enclosure can be fabricated from several different materials. Therefore it is impossible to give detailed instructions for each application. The following is a general guide for constructing an enclosure for the Stable Grazer Kit feeder. Ultimately, it is your responsibility to determine the materials and dimensions used for your application.

In this example we are building a frame out of 2" square steel tubing and then using 2" x 6" tongue and groove lumber to finish the enclosure.

Dimensions A and B define the opening for the feeder. Dimension C is the height from the floor to the opening.



**Dimension A:**

- **4' 2 3/4" Recommended**
- 4' 1 1/2" Minimum
- 4' 3 1/4" Maximum

**Dimension B:**

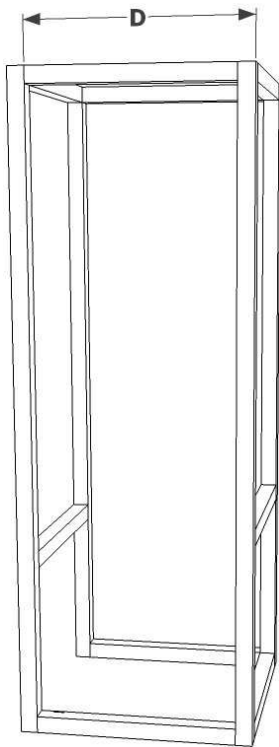
- **24" Recommended**
- 23 5/16" Minimum
- 24 1/2" Maximum

**Note:** Using the recommended dimensions for A and B will allow you to center the Kit feeder in the opening leaving an even reveal around the Kit feeder frame.

**Dimension C:**

- **2' 3" Recommended**
- Minimum – It is not recommended you make this dimension less than the above recommendation unless the feed will be dropping through a hole in the floor. An example of this would be if you were installing the Kit feeder in a loft and the feed was dropping to a stall below.
- Maximum – Up to you to determine. Keep in mind that the higher you make this dimension, the higher the feed door will be for loading.

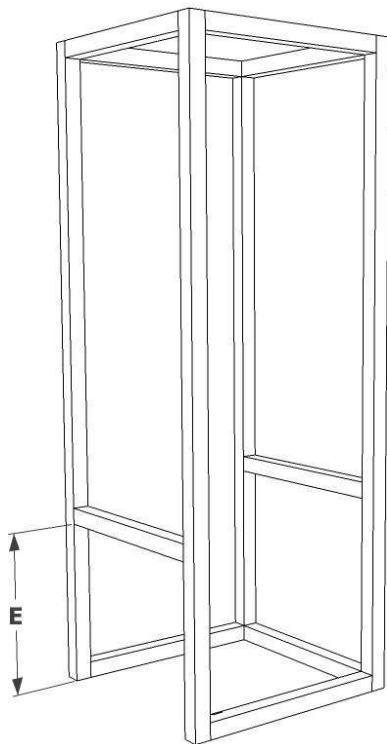
Dimension D is from the front face of the enclosure to the back inside wall of the enclosure.



**Dimension D:**

- **26" Recommended** – If you feed 3 string bales.
- **24" Recommended** – If you feed 2 string bales.
- 23" Minimum
- Maximum – Up to you to determine. Keep in mind that the more you make this dimension the harder it will be for your horse to access the feed.

Dimension E is the height of the opening on the back of the enclosure from which your horse will access the feed.



**Dimension E:**

- **20" Recommended** – This size opening will allow most horses access to the feed.
- Minimum – Up to you to determine. The smaller the opening, the less access your horse will have to the feed.
- Maximum – Up to you to determine. For extremely large horses you may want to raise this opening slightly. Keep in mind that if you make this opening too tall your horse may be able to access some feeder components causing damage to the feeder.

Install a chute in the bottom of the enclosure to deflect the feed towards the feed opening. Dimension F is the distance from the opening for the Stable Grazer Kit feeder to the top of the chute. Dimension E is the angle of the chute. **Note:** The side has been removed for clarity.



**Dimension F:**

- 9" Minimum
- Maximum – Up to you to determine. However it is recommended that you maintain at least a 35° angle on the chute (Dimension G).

**Dimension G:**

- **35° Recommended**
- Minimum – Up to you to determine. Less than a 35° angle may make it difficult for your horse to access the feed.
- Maximum – Up to you to determine. Keep in mind Dimension F.



Your enclosure is now ready to install the Stable Grazer Kit feeder.



Using the recommended Dimension C will leave you with approximately 3' 2 1/4" from the floor to the top of the door side when the feed door is in the load position.

