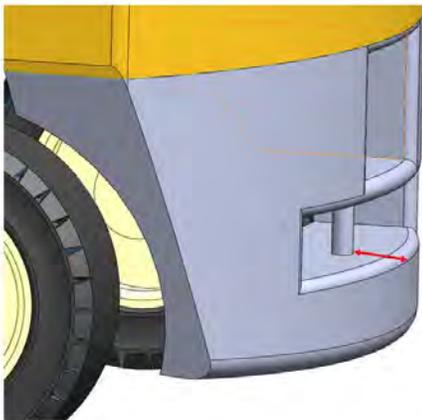
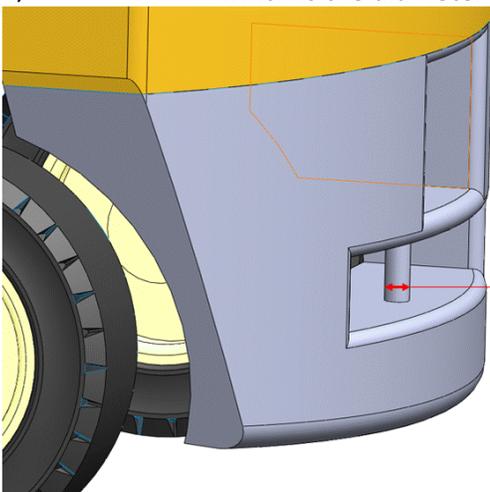


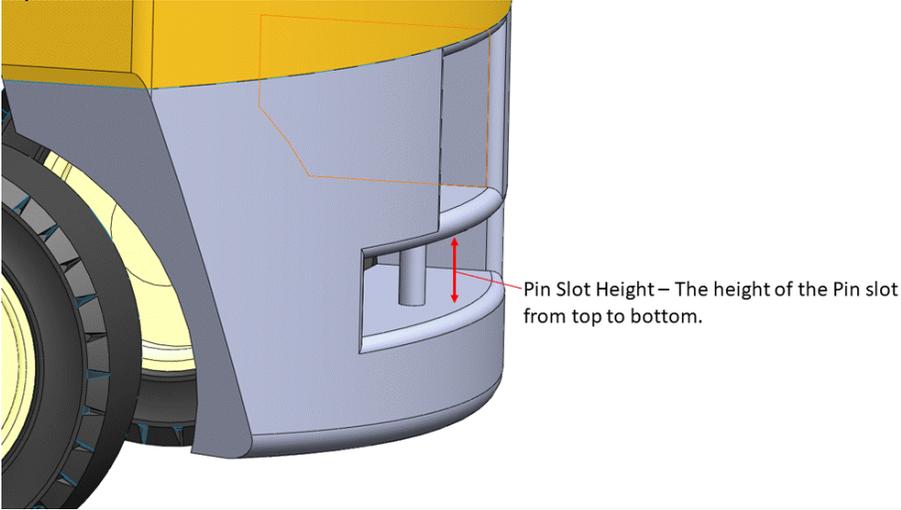
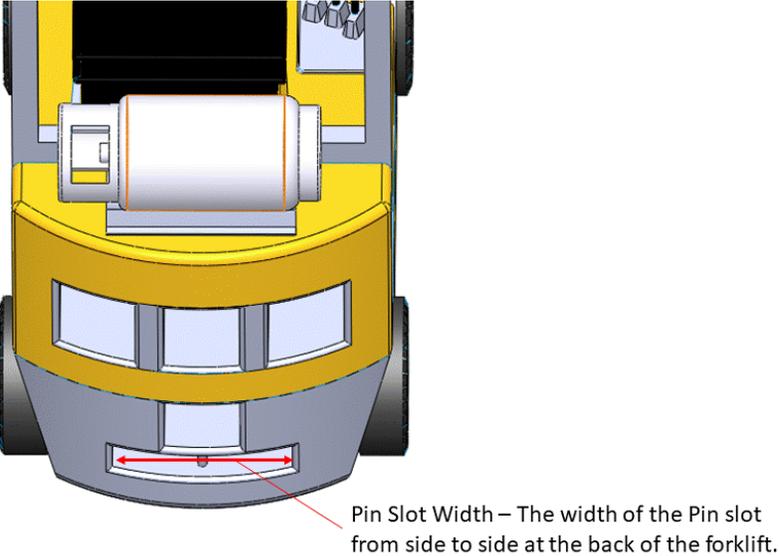


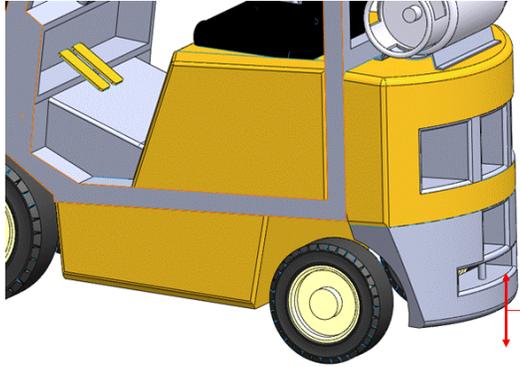
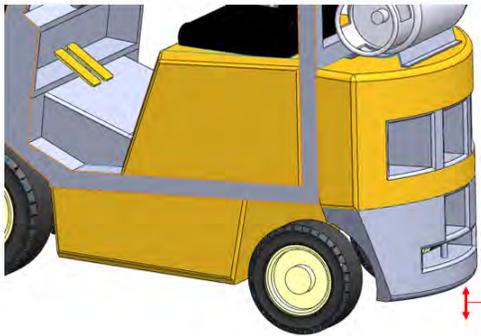
## FIT Guidelines

To ensure the NAOS will fit your Forklift measure these 6 dimensions on your forklift and compare them to the Min and Max measurements allowable in the table below;

Forklift Dimensions	Minimum	Maximum
<p>1) Pin Depth - which is measured from the back edge of the forklift at the PIN slot to the closest front edge of the PIN hole.</p>  <p>Pin Depth - Measured from the back edge of the Forklift at the Pin slot to the closest front edge of the Pin hole.</p>	<p>0.56 inches</p>	<p>5 and 3/4 inches</p>
<p>2) Pin Diameter - which is the diameter of the forklift PIN</p>  <p>Pin Diameter - The diameter of the forklift Pin.</p>	<p>5/8 inch (0.625 inch)</p>	<p>1 and 5/8 inches (1.625 inches)</p>

# NAOS™ Series - FIT Guidelines

Forklift Dimension	Minimum	Maximum
<p>3) Pin Slot Height— which is the measured height of the PIN slot from top to bottom</p> 	<p>1 and 3/8 inches (1.375 inches)</p>	<p>4 1/2 inches</p>
<p>4) Pin Slot Width— which is the measured width of the PIN slot from side to side at the back of the forklift</p> 	<p>5 and 1/2 inches (5.5 inches)</p>	<p>No restriction on Pin Slot Width Maximum</p>

Forklift Dimension	Minimum	Maximum
<p>5) Height from bottom of Pin Slot to ground level – measure up from the ground to bottom edge of the Pin slot.</p>  <p>Height from Bottom of Pin Slot to ground Level – The distance from ground level to bottom edge of the Pin Slot.</p>	<p>7 inches</p> <p>(equals dimension A from page 9 plus 2 inches to provide the recommended sweeping height of 2 inches) This minimum dimension would result in a magnet sweeping height of 2 inches off the ground.</p>	<p>21 inches</p> <p>(equals dimension A from page 9 plus 2 inches to provide the recommended sweeping height of 2 inches) This maximum dimension would result in a magnet sweeping height of 2 inches off the ground.</p>
<p>6) Height from Ground to Bottom of forklift - which is the Measured distance from the ground to the lowest part of the forklift under the counterweight where the magnet will be installed.</p>  <p>6) Height from Ground to Bottom of Forklift – The distance from the ground to the lowest part of the forklift (usually the counterweight).</p>	<p>4 1/2 inches</p>	<p>No restriction on maximum</p>

## Step 7) Naos Model Size Selection Process

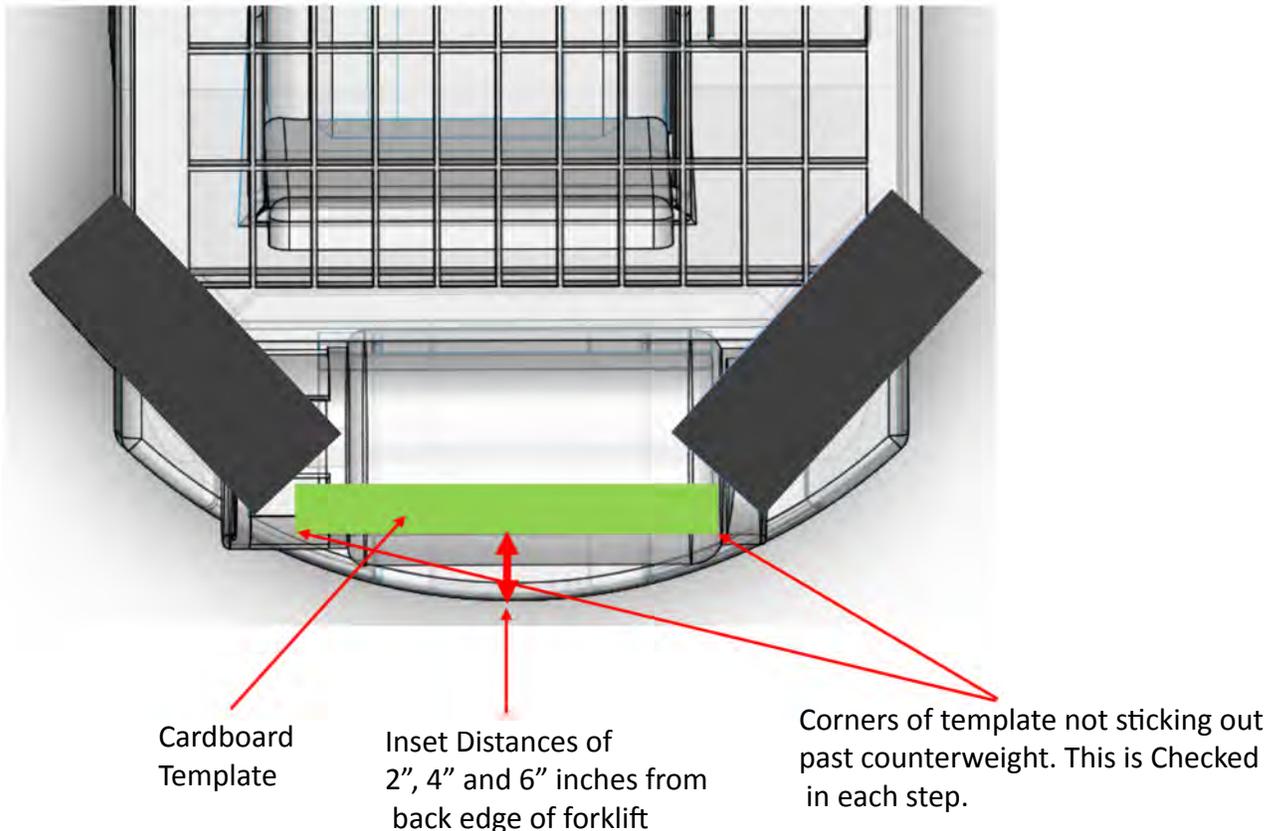
If your forklift dimensions fall between the Minimum and Maximum dimensions as listed in the preceding six steps, the final step is to determine if there is a width of magnet that fits your forklift and determine what that width is.

The Naos is designed to tuck under the counterweight of a forklift. Due to the large number of variable dimensions under the counterweights of forklifts, four different Naos Sweeper Models are available (Naos 24, 22, 20 and 18).

This Diagram is a view if looking through the forklift from the Top, with both wheels positioned at their inner most location when steering lock to lock.

The Green Rectangle is representative of the Cardboard templates relative position when following the steps on the following pages.

Keep this Document and Circle the size selected in the steps below as the step that determined the size will also determine which offset brackets to use once you receive the sweeper..



## Naos Model Size Selection Process - Continued

In order to determine the largest size Naos that will fit your forklift cut 4pcs of cardboard (for use as a fitting template) to the following sizes; These pcs of cardboard are the exact size of the magnet on each of the Naos models. You can cut the cardboard slightly larger (1/2" in each direction if you want to be extra cautious)

Naos 24 = 3.0" x 24.25" (Template A)

Naos 22 = 3.0" x 22.25" (Template B)

Naos 20 = 3.0" x 20.25" (Template C)

Naos 18 = 3.0" x 18.25" (Template D)

### Step #1

Inset Template A under the counterweight of the forklift so the closet edge of the template is 2" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #2

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template, then select a Naos 24 because it fits. If the Wheels do contact the template continue to Step #4

Note: if this step selected your Naos you want to Purchase a Naos 24 and install it using the 3" offset brackets.

### Step #2

Inset Template A under the counterweight of the forklift so the closet edge of the template is 4" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #3

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 24 because it fits. If the Wheels do contact the template continue to Step #4

Note: if this step selected your Naos you want to Purchase a Naos 24 and install it using the 5" offset brackets.

### Step #3

Inset Template A under the counterweight of the forklift so the closet edge of the template is 6" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #4

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 24 because it fits. If the Wheels do contact the template continue to Step #4

Note: if this step selected your Naos you want to Purchase a Naos 24 and install it using the 7" offset brackets.

## Naos Model Size Selection Process - Continued

### Step #4

Inset Template B under the counterweight of the forklift so the closet edge of the template is 2" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #5

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 22 because it fits.

If the Wheels do contact the template continue to Step #7

Note: if this step selected your Naos you want to Purchase a Naos 22 and install it using the 3" offset brackets.

### Step #5

Inset Template B under the counterweight of the forklift so the closet edge of the template is 4" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #6

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 22 because it fits.

If the Wheels do contact the template continue to Step #7

Note: if this step selected your Naos you want to Purchase a Naos 22 and install it using the 5" offset brackets.

### Step #6

Inset Template B under the counterweight of the forklift so the closet edge of the template is 6" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #7

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 22 because it fits.

If the Wheels do contact the template continue to Step #7

Note: if this step selected your Naos you want to Purchase a Naos 22 and install it using the 7" offset brackets.

### Step #7

Inset Template C under the counterweight of the forklift so the closet edge of the template is 2" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #8

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 20 because it fits.

If the Wheels do contact the template continue to Step #10

Note: if this step selected your Naos you want to Purchase a Naos 20 and install it using the 3" offset brackets.

## Naos Model Size Selection Process - Continued

### Step #8

Inset Template C under the counterweight of the forklift so the closet edge of the template is 4" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #9

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 20 because it fits.

If the Wheels do contact the template continue to Step #10

Note: if this step selected your Naos you want to Purchase a Naos 20 and install it using the 5" offset brackets.

### Step #9

Inset Template C under the counterweight of the forklift so the closet edge of the template is 6" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #10

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 20 because it fits.

If the Wheels do contact the template continue to Step #10

Note: if this step selected your Naos you want to Purchase a Naos 20 and install it using the 7" offset brackets.

### Step #10

Inset Template D under the counterweight of the forklift so the closet edge of the template is 2" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #11

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 18 because it fits.

If the Wheels do contact the template a Naos sweeper will not fit your forklift.

Note: if this step selected your Naos you want to Purchase a Naos 18 and install it using the 3" offset brackets.

### Step #11

Inset Template D under the counterweight of the forklift so the closet edge of the template is 4" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, go to Step #12

If the answer is NO, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 18 because it fits.

If the Wheels do contact the template a Naos sweeper will not fit your forklift.

Note: if this step selected your Naos you want to Purchase a Naos 18 and install it using the 5" offset brackets.

## Naos Model Size Selection Process - Continued

### Step #12

Inset Template D under the counterweight of the forklift so the closet edge of the template is 6" from the back edge of the forklift and centered on the pin hole.

Now check, Is the template sticking out on the corners?

If the answer is YES, decide if this is an acceptable amount of protrusion? If the amount of protrusion is not acceptable a Naos sweeper will not fit your forklift.

If the answer is NO and the template is not sticking out on the corners OR the amount of protrusion is acceptable, hold the template in place and have a 2nd person rotate the wheels lock to lock and see if the wheels contact the template. If the wheels do not contact the template select a Naos 18 because it fits. If the Wheels do contact the template a Naos sweeper will not fit your forklift.

Note: if this step selected your Naos you want to Purchase a Naos 18 and install it using the 7" offset brackets.

## NAOS Dimensions

The below dimensions are two of the dimensions of the NAOS product.

NAOS Dimensions	Minimum	Maximum
A) Height from bottom of Pin Slot to bottom most edge of the magnet	5 inches (this dimension is adjustable on the NAOS and this is the minimum retracted dimension, see CAD drawings for further details)	19 inches (this dimension is adjustable on the NAOS and this is the maximum extended dimension, see CAD drawings for further details)
B) Width from back of forklift at Pin location to furthest most outside back edge of NAOS	1.75 inches (this dimension is the addition to the overall length of the forklift resulting from the NAOS installation, see CAD drawings for further details)	1.75 inches (this dimension is the addition to the overall length of the forklift resulting from the NAOS installation, see CAD drawings for further details)

