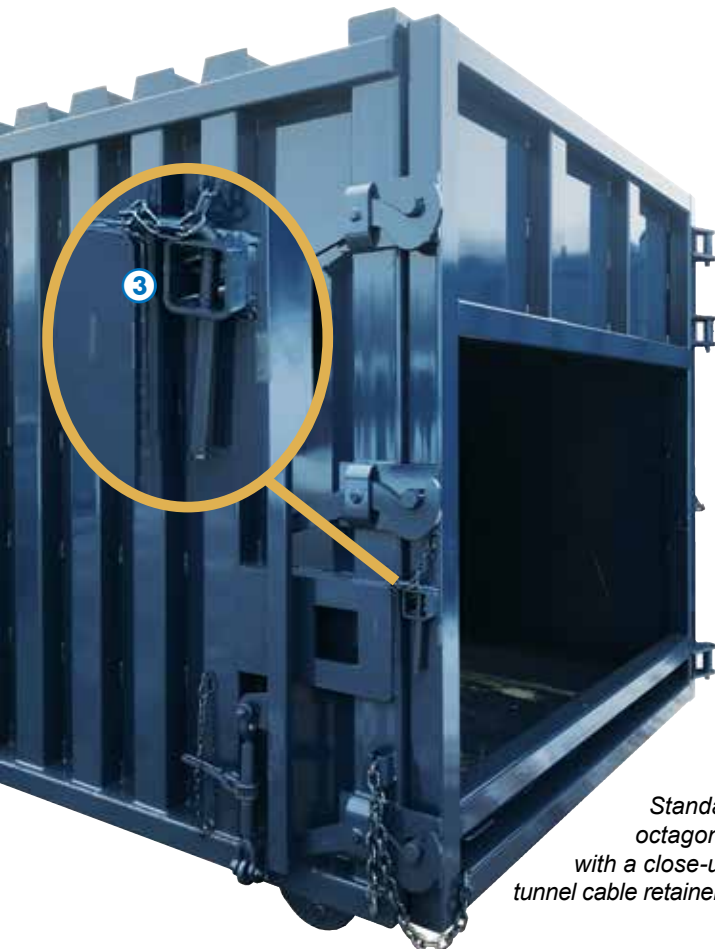


Pinning Tunnel System

FOR COMMERCIAL
& INDUSTRIAL
COMPACTORS

- Provides additional operating pressure to clear the compaction chamber prior to separating the compactor from the container/trailer
- Pinning tunnel cable(s) hold materials securely inside the container to avoid spillage



Standard C Series octagonal container with a close-up of pinning tunnel cable retainer pin housing



Compactor pinning tunnel boost control ① is used to align pinning tunnel on the compactor ram face ② with the pinning tunnel on the container door ③.

Once aligned, cut-outs in the compactor frame ④, provide easy access to insert a retaining cable through the pinning tunnel. See page 3 for additional illustrations on how the pinning tunnel option operates.



Hinged pinning tunnel on ram face

Pinning Tunnel System



Pinning Tunnel Example 1

This photograph shows a two pinning tunnel system. The pinning tunnels, mounted on the front of the compactor ram, are aligned with the cut-outs in the chamber's snout.

Normally, a space is present between two pinning tunnels mounted on the ram face. However, for this metal clip compaction application, additional material was used to fill in the space between the tunnels to avoid these areas from becoming clogged with scrap metal materials.

Pinning Tunnel Example 2

This photograph shows another two pinning tunnel system mounted on the front of the compactor ram with the ram extended forward beyond the cut-outs in the chamber wall (shown at far left edge of photo).

Note the heavy front plate is hinged on the top, allowing the plate to swing up when the ram is retracted off the pinning cable that is attached to the container door (not shown).

Again, the space between the pinning tunnels is blocked off to prevent any build-up and potential for clogging of the scrapmetal clips in this application.



For Commercial and Industrial Compactors

Pinning Tunnel Operation

The optional pinning tunnel system gives the compactor additional operating pressure to clear material from the compactor charge chamber when the container is full.

The pinning tunnel boost control allows the operator to easily adjust the ram's forward or backward position to align the pinning tunnel(s) mounted on the ram face with the pinning tunnel(s) in the container door, see Figure 1.

Once aligned, a pinning cable is run through the tunnel and anchored to the container door with a pin dropped through a loop in each end of the cable, Figure 2.

With cable(s) secured, the compactor ram is reversed with the pinning tunnel boost control. The hinged plate on the front of the pinning tunnel allows it to swing clear of the pinning cable which is attached to the container door, Figure 3.

The pinning cable holds material inside the container opening to help stop material from falling out of the container when it is pulled away from the compactor, Figure 4. Once the container is pulled from the compactor, the opening can be covered with a tarp or an integral container closure door for safe transport to the landfill.

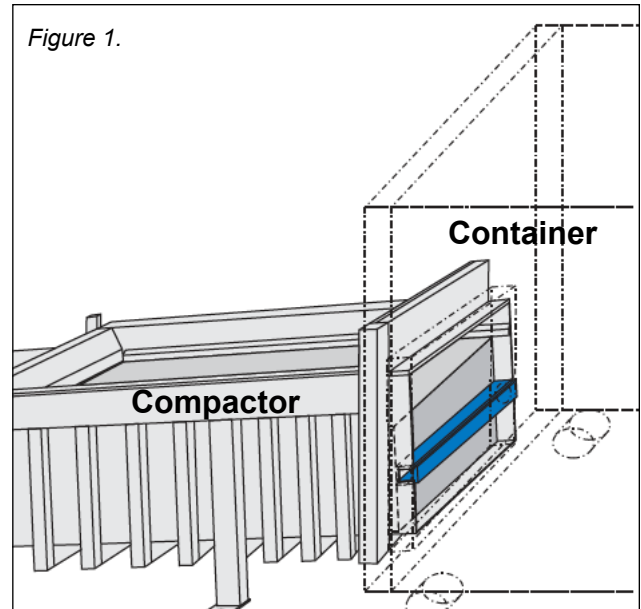


Figure 1.

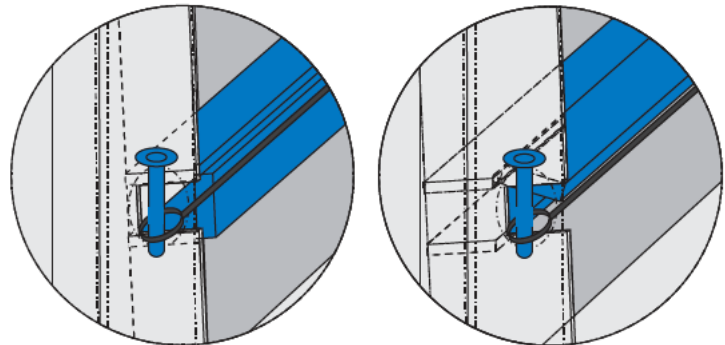


Figure 2.

Figure 3.

Note: a steel bar can be used instead of a cable to pin off the load.

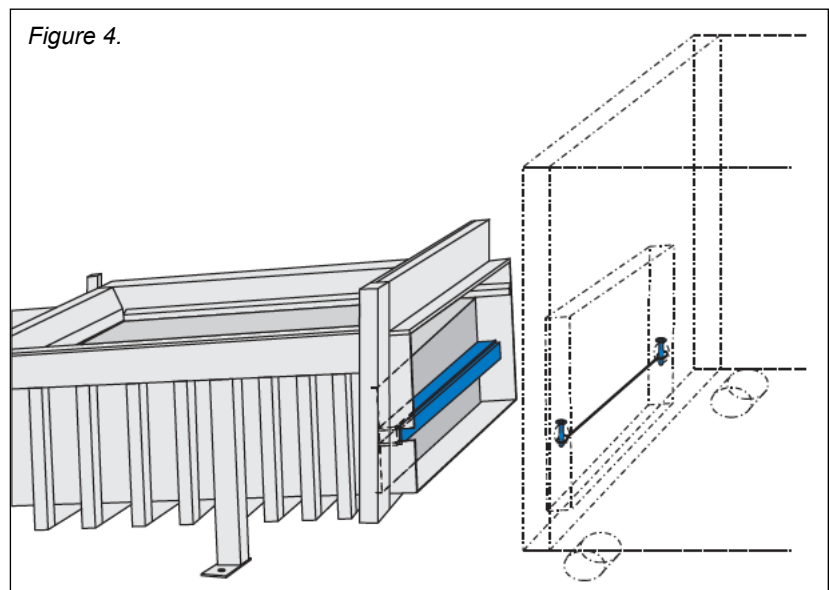
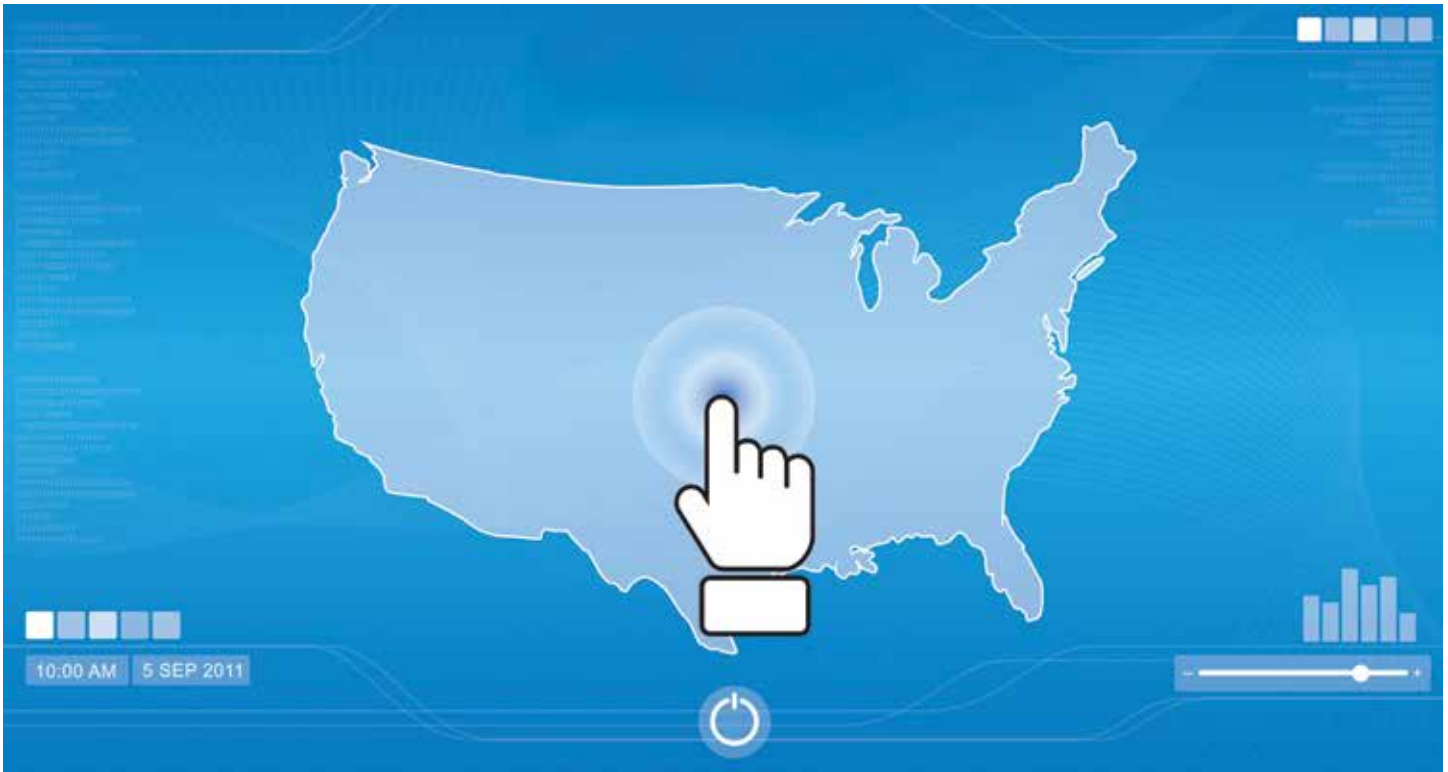


Figure 4.

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