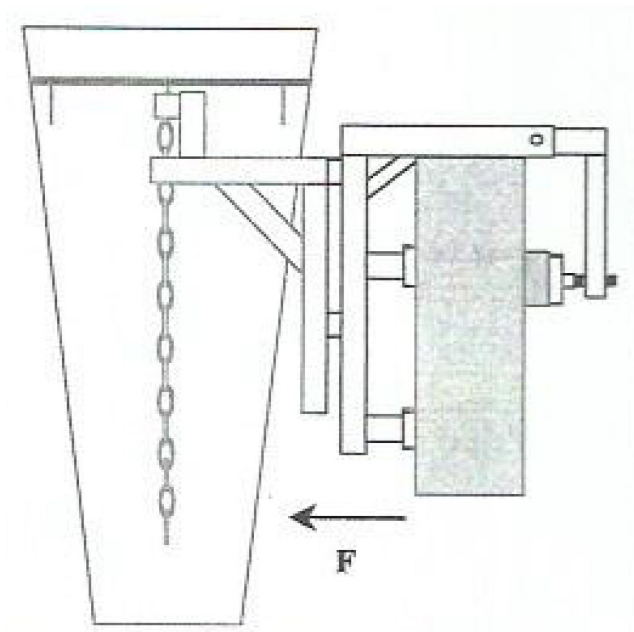


Rubbish Chute

Form 1100 - 'Rubbish chute instructions'
 Original issue: 31 October 2000
 Last reviewed: 13 August 2018
 Version 5

System length	Force "F" with vertical system	Force "F" with system deflected to 2.4m
10m	144kg	512kg
20m	288kg	623kg
30m	432kg	734kg
40m	576kg	845kg

Figure 1: Attachment loading forces



- Rubbish chute sections may be stacked one inside another, allowing 16 to a pallet.
- Secure rubbish chutes on the pallet to prevent toppling.

Figure 3: Placing the window or parapet clamps

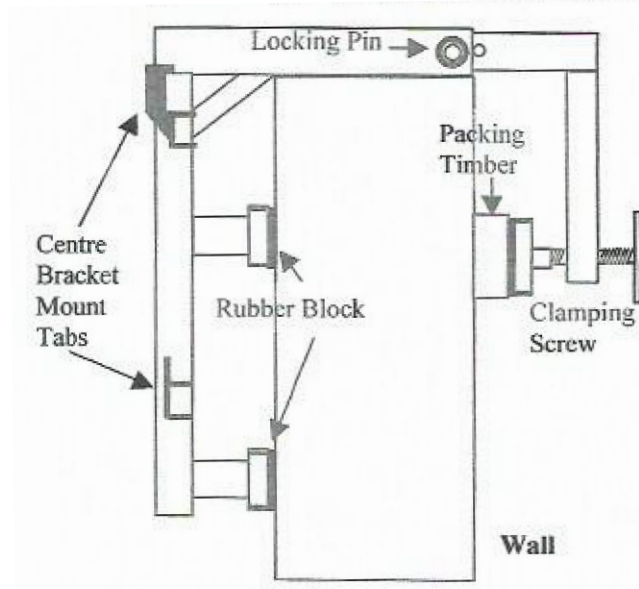
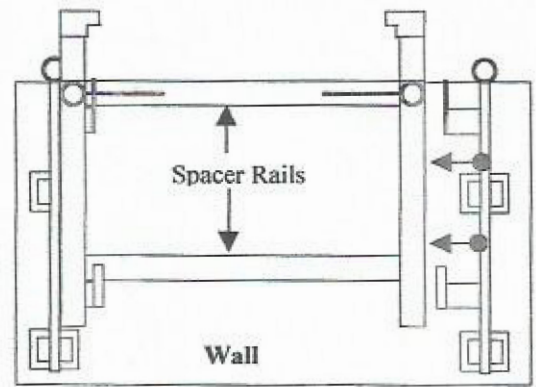


Figure 4: Fitting the centre bracket

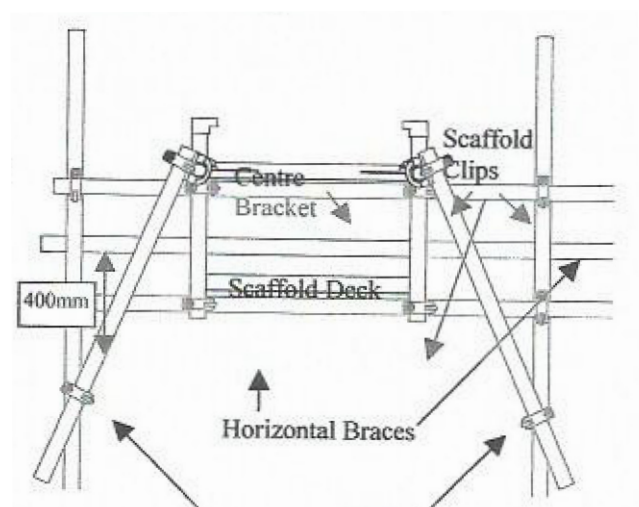


Bracket on the left is fitted; bracket on the right is being placed in position.

Refer to Figure 3 and Figure 4:

- **MAXIMUM OF 20 CHUTES CAN BE INSTALLED FROM A PARAPET CLAMP.**
- Have the wall checked, to ensure that it is at least double brick thickness, is structurally sound and is capable of withstanding 2.5kN as an outward force.
- Select a suitable piece of hardwood timber to spread the load on the inside of the wall. The timber must be long enough to span the centre bracket and clamps.
- Take the right-hand side clamp assembly. Standing at the single pad end, this bracket will have the centre bracket mount tabs on the left-hand side (illustrated).
- Open the clamping screw as far as it will go.
- Pin the two halves of the bracket together with the locking pin at approximately the thickness of the wall and the packing timber. Fit the locking clevis pin.
- Place the clamp over the wall, fit the packing timber and tighten the clamping screw until just tight.
- Fit the centre bracket to the clamp by placing the top and bottom spacer rails over the corresponding mount tabs.
- Place the left-hand side clamp assembly over the wall; fit to the centre bracket and tighten.

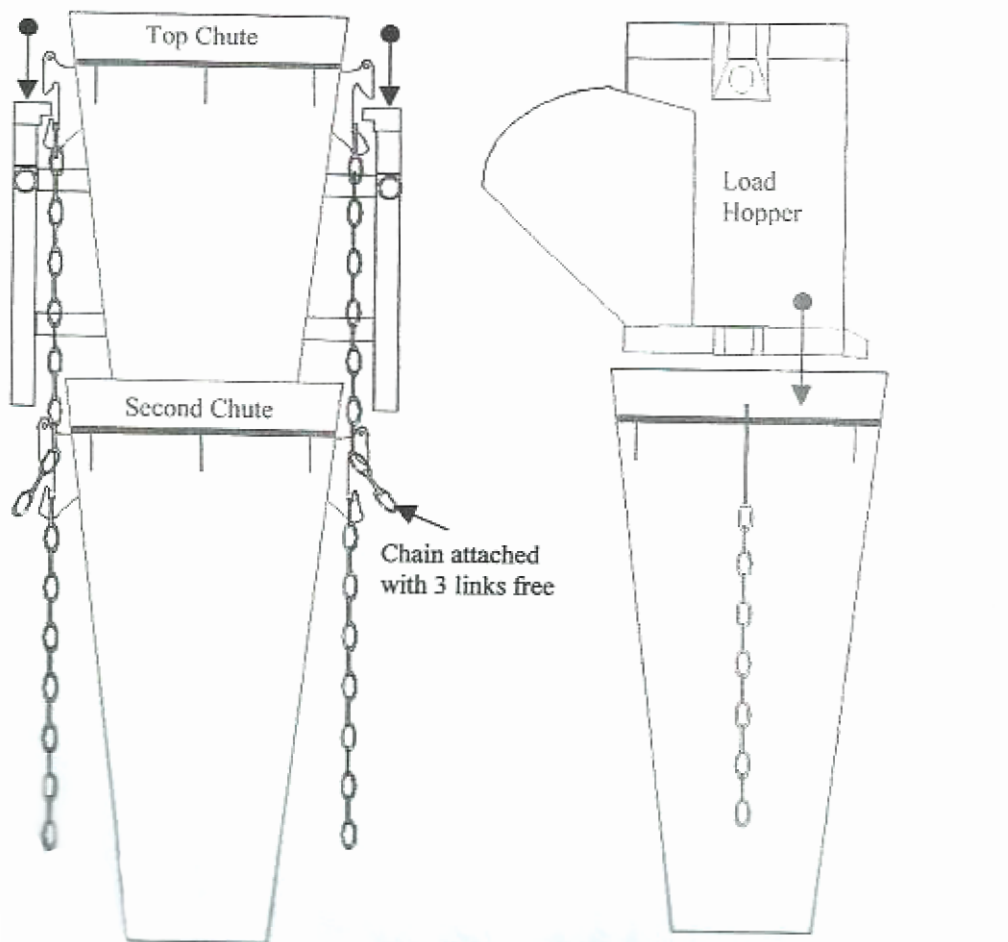
Figure 5: Scaffold fitting



Refer to Figure 5:

- **MAXIMUM OF 40 CHUTES CAN BE INSTALLED FROM A SCAFFOLD BRACKET.**
- Have the mounting scaffold checked to ensure that it is capable of withstanding 2.5kN force.
- Check that the scaffold is anchored to a structure above and below the attachment point.
- Check that the scaffold is anchored at each staging within 4 metres of the attachment point.
- Fit two horizontal braces as shown.
- Attach the centre bracket in four places with scaffold clips as shown.
- Brace the scaffold with two diagonal braces as shown.

Figure 7: Placing the window or parapet clamps



Refer to Figure 7:

- Fit the top rubbish chute section into the centre bracket. Ensure the chain bracket lugs fit firmly into the mounting lugs on the centre bracket. Gravity will hold this rubbish chute section into place.
- Attach the second rubbish chute section by fitting the chains from the top rubbish chute section over the chain bracket of the second rubbish chute section.
- Continue fitting additional rubbish chute sections until system length is achieved.
- Fit the load hopper into the top rubbish chute section securely.
- For ease of installation, a special hand winch is available to lift all rubbish chute sections. Fit the winch to the centre bracket, attach all rubbish chute sections together on the ground, attach the winch and lift up and fit the top rubbish chute section onto the centre bracket.
- For ease of installation, fit a centre bracket at each loading level.
- Starting at the lowest level fit the rubbish chutes as described in chapter 8.4 - *Fit a load hopper*.
- Place the next string of rubbish chute sections into the next centre bracket and fit the last rubbish chute section of that string into the load hopper.
- Join the rubbish chute sections together through the load hopper by using extension chains.
- Continue up, until the required height is achieved.
- Alternatively, join rubbish chute sections and load hoppers up to 40m in length and lift into a centre bracket.