1) Hose is single stacked, not crossed over each other.

2) This single stack is called an accordion, because its folds look like an accordion.

3) Two possible ways to set up an accordion stack (just the reverse of each other):
   a. Flat Load (Male coupling on top, Female coupling on bottom)
   b. Minuteman Load (Female coupling on top, Male coupling on bottom)

4) Hose loads are Split (Side by Side) or a Combination Load (One stacked on top of the other) in a 1/2 Flat Load & 1/2 Minuteman Load configuration.
   a. Minuteman is the half of the hose closest to the nozzle.
   b. Flat is the opposite half of the hose.
   c. Only difference is in how we fit this into different sizes of hose beds, but the basic concept is the same.
   d. Same for all hose sizes (2.5” and 1.75”)
   e. Same for all hose lengths (200’ and 300’)
   f. Hose is pulled from only one side of the rig.

5) Hose Bed Widths
   a. One Wide Hose Bed:
      Minuteman on Top, Flat on Bottom
   b. Two Wide Hose Bed:
      Minuteman on the left, Flat on Right
   c. Four Wide Hose Bed:
      Minuteman on the Left, Flat on Right
Attack Hose Load Principles

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Connect the female coupling to the discharge outlet and start an accordion stack. Create a “dump” bight on the second bight (1). Ensure that this “dump” bight will actually dump the hose and not pull tight on the discharge connection. Continue loading until you reach 50’ (for a 200’ pre-connect) or 75’ (for a 300’ pre-connect). Once you reach this point, create a “half-way” bight (2). Continue until you load 100’ (for a 200’ pre-connect) or 150’ (for a 300’ pre-connect). Place the male coupling out of the way for the next accordion stack (3).
Start another accordion stack with the male coupling (4) (Wye or Nozzle). Depending on apparatus configuration, you can keep the male coupling as tight as possible to the load to assist with a clean bundle (4) or leave slack to allow the nozzle to be wrapped to the top of the stack (5). Continue until you load 100’ (for a 200’ pre-connect) or 150’ (for a 300’ pre-connect). (Note: Keep the coupling out of the middle third of this stack. Having a coupling situated in the middle of this stack lifts the center of gravity of the load, making it more difficult to manage while being carried, especially in larger bundles.) Connect the upper and lower stacks together (6).
Start an accordion stack on the right side of the tray with the female coupling (1). Create a “dump” bight on the second bight (2). Ensure that this “dump” bight will actually dump the hose and not pull tight on the discharge connection. Continue loading until you reach 50’ (for a 200’ pre-connect) or 75’ (for a 300’ pre-connect). Once you reach this point, create a “half-way” bight (3). Continue loading this single stack until you load 100’ (for a 200’ pre-connect) or 150’ (for a 300’ pre-connect)(4).
Start another accordion stack with the *male coupling*. Keep the male coupling as tight as possible to the load to assist with a clean bundle (5). Continue this stack until you load 100’ (for a 200’ pre-connect) or 150’ (for a 300’ pre-connect) (6). *(Note: Keep the coupling out of the middle third of this stack. Having a coupling situated in the middle of this stack lifts the center of gravity of the load, making it more difficult to manage while being carried, especially in larger bundles.)* Connect the stacks together (7). Connect the nozzle and female coupling to discharge outlet once completed.

*Note: The minuteman and flat load can be loaded in any order or at the same time. Both sides are set up the same way. The Minuteman stack is always on the left side and the flat is on the right side.*
2 Wide Hose Bed (Attack)

Apparatus View

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Start an accordion stack on the right side of the tray with the female coupling (1). Create a “dump” bight on the second bight (2). Ensure that this “dump” bight will actually dump the hose and not pull tight on the discharge connection. Continue this accordion stack until you load 50’ (for a 200’ pre-connect) or 75’ (for a 300’ pre-connect). Once you reach this distance, start another accordion stack next to the first one (3). Transition to the next stack with a twist in the hose so it lays flat and crosses over the first stack (4).
Create a “half-way” bight on the bottom of this second stack. Continue this stack until you load 50’ (for a 200’ pre-connect) or 75’ (for a 300’ pre-connect) (5). After the two stack’s are completed with equal amount of hose, start another accordion stack with the male coupling (5). Keep the male coupling as tight as possible to the load to assist with a clean bundle. On some apparatus the nozzle will be tucked in-between stacks at the end so slack will be OK. Continue this stack until you load 50’ (for a 200’ pre-connect) or 75’ (for a 300’ pre-connect). (Note: Keep the coupling out of the middle third of the next two stacks. Having a coupling situated in the middle of this stack lifts the center of gravity of the load, making it more difficult to manage while being carried, especially in larger bundles.) Once you reach this distance, start another accordion stack next to the third one with the same twist transition (6). Create a “half-way” bight on the bottom of the fourth stack (7). Continue loading until equal amounts of hose are in each stack.

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Connect the second stack to the fourth stack (8). Connect the nozzle and secure it between the third and fourth stack if appropriate. Connect female coupling to discharge outlet once completed.

Note: The minuteman and flat load can be loaded in any order or at the same time. You no longer have to look where the discharge is located. Both sides are set up the same way. The Minuteman stack is always on the left side and the flat is on the right side.
4 Wide Hose Bed (Attack)

Apparatus View

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