

SOP 35: Rampart Welded Wire Delivery and Unloading Information

USERS OF THIS SOP: Delivery and unloading personnel

APPLIES TO: Rampart 280/284/286/354/358 welded wire

PURPOSE: General information about how welded wire is shipped, and how to unload it

Delivery method:

- Dry van (standard)
- Flatbed trailer

Equipment Requirements :

- Forklift with a minimum of 1829 mm (6') forks or extensions
- For lifting capacity, refer to the instructions in this document for calculating package weight

Shipping methods:

- "Pallets" on page 2
- "Angled Stand" on page 3
- "T-Stand" on page 4

WARNING

To avoid serious injury or death, or damage to equipment, follow these precautions when unloading welded wire:

- Ensure that the unloading area is clear of bystanders.
- Ensure that the unloading equipment meets or exceeds the minimum requirements identified in this document.

NOTE

All specifications are approximate.

Pallets

Packaging:

- All pallets are secured with banding. Foam protects panel edges from the banding.
- Pallet perimeter is wrapped in plastic.
- If pallets (or different sizes of panels) are stacked on top of each other, foam separates the pallets/groups of panel sizes.

Packed pallet specifications:

- Capacity: Approximately 25 panels, depending on the total weight.
- Width: Standard panel width of 2508 mm (8' 2"), or 2518 mm (8' 3") if the panel height is 3048 mm (10').
- Length: Same as the panel height.
- Height: Generally up to 480 mm (19") including the pallet.
- Weight: Multiply the number of panels by the weight listed in "Specifications" on page 5, then add the empty pallet weight of up to 227 kg (500 lbs).

Unloading information:

- To avoid exceeding forklift capacity, only lift one pallet at a time.
- To avoid damaging the wire, keep the forklift forks level or slightly angled downward. Do **NOT** angle the forks upward.

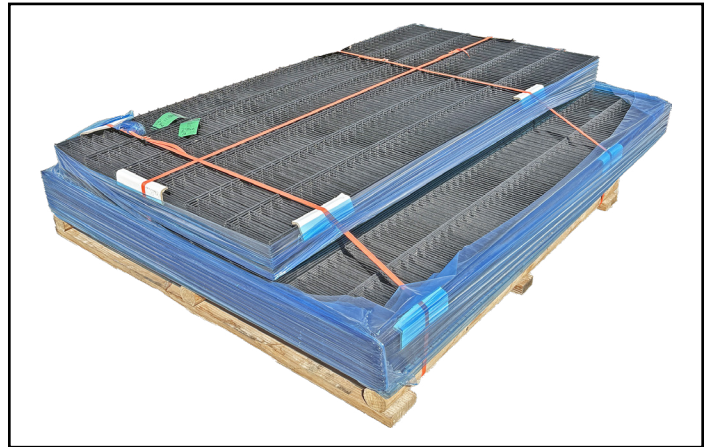


Figure 1: Single pallet with two sizes of wire



Figure 2: Two pallets of 2440 mm (8') panels

Angled Stand

Packaging:

- Wire is banded together.
- Stands are secured to the walls of the dry van.

Packed stand specifications:

- Capacity: Up to 50 pieces.
- Length (L): Stand is 2470 mm (8' 1 1/4"), but the total length increases to 2518 mm (8' 3") if the panel height is 3048 mm (10').
- Width (W): 1030 mm (40 1/2").
- Height (H): Stand is 2464 mm (97"), but the height can increase to 2540 mm (100") with panels.
- Weight: Multiply the number of panels by the weight listed in "Specifications" on page 5, then add the empty stand weight of 150 kg (330 lbs).

WARNING

To prevent death or severe injury due to crushing, never lift the stand if the stand hardware is loose.

Unloading information:

1. Remove the straps or device that secures the stand to the walls of the van.
2. Insert forklift forks through pockets (1).
3. Slightly lift the rack off the ground and back the forklift out of the dry van.

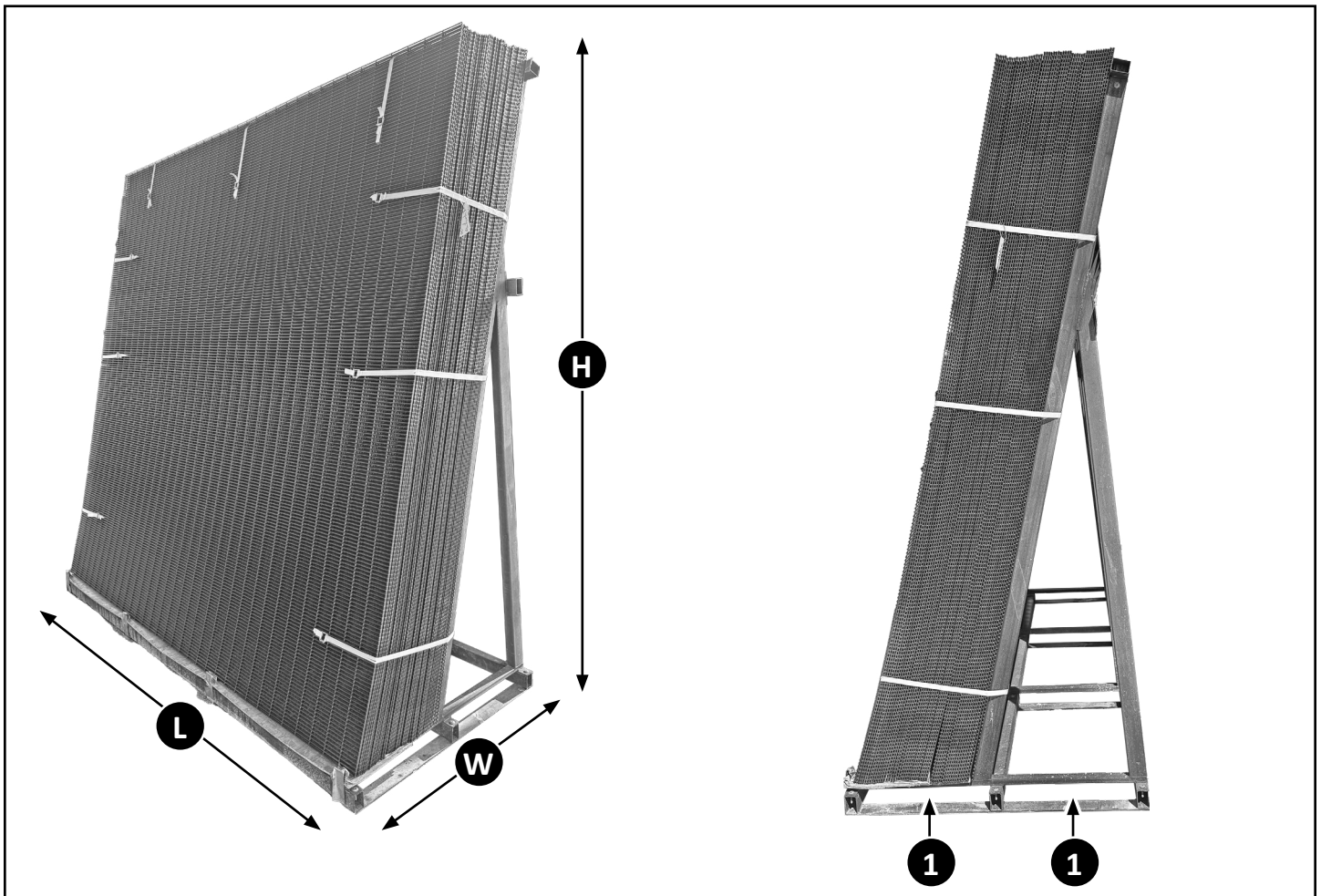


Figure 3: Angled stand

T-Stand

Packaging:

- Wire is banded together.

Packed stand specifications:

- Capacity: 60 pieces.
- Length (L): 2553 mm (100 1/2").
- Width (W): 762 mm (30").
- Height (H): Up to 2540 mm (100").
- Weight: Multiply the number of panels by the weight listed in "Specifications" on page 5, then add the empty stand weight of 165 kg (363 lbs).

WARNING

To prevent death or severe injury due to crushing, never lift the stand if the stand hardware is loose.

Unloading information:

1. Obtain up to three steel bars to act as T-frame tubing extensions. The bars need to be long enough to span the forklift forks. The T-frame tubing (1) alone is likely not wide enough to span the forks.
 - Tubing opening is 25 x 44 mm (1 x 1 3/4").
 - Tubing width is 762 mm (30").
2. Pull the T-frame out of the van enough to insert one extension bar at a time through the tubing. A possible method of doing that is to hook the bottom tubing (2) with straps and then pull the rack out with a forklift.
3. Insert the extension bars (3) through the T-frame tubing (1) as the tubing becomes accessible.
4. Once you have at least two extension bars inserted into the stand, lift the stand with a forklift and back the stand out of the van.

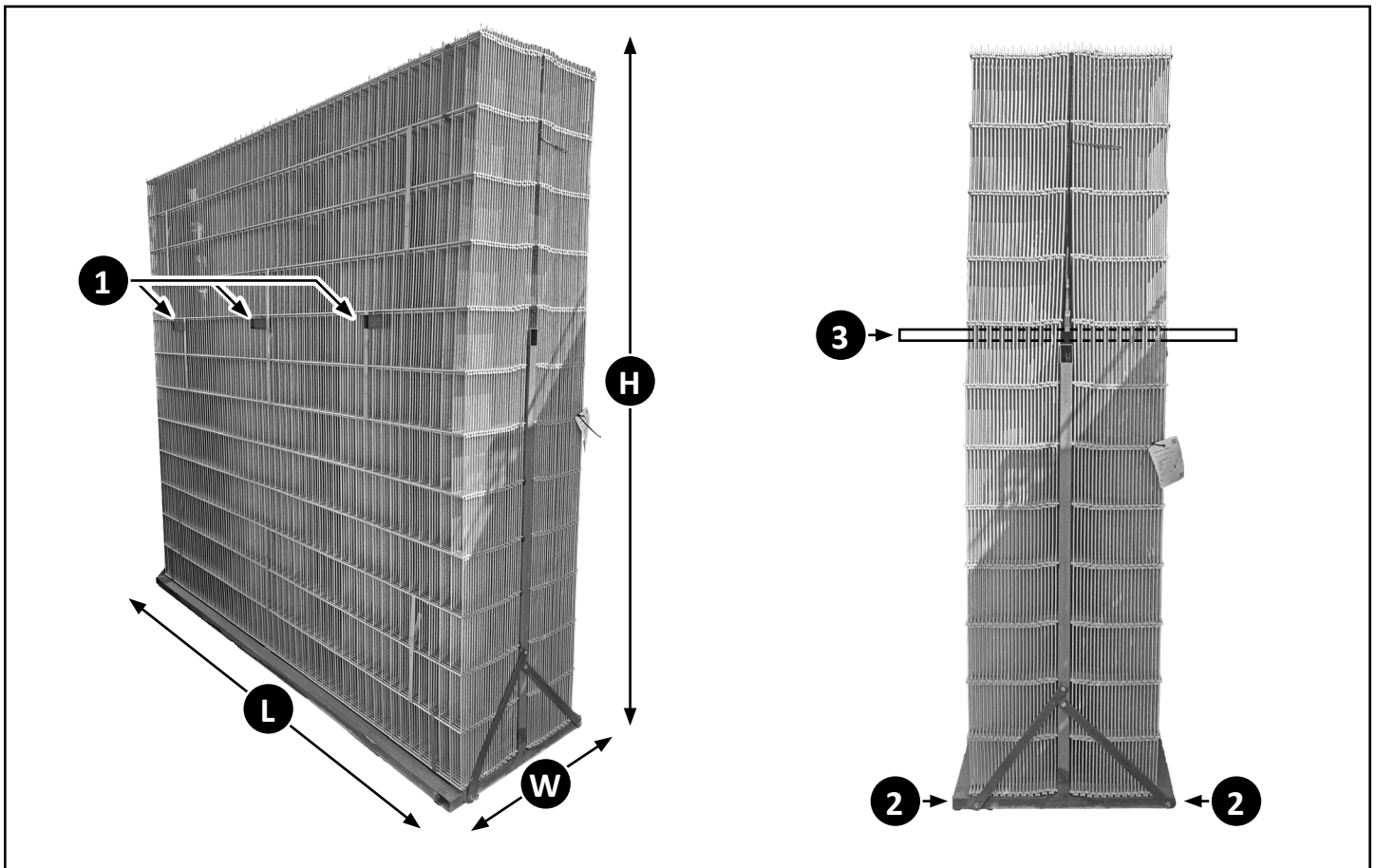


Figure 4: T-Stand

Specifications

NOTE

For exact panel dimensions, refer to the quote or drawing specific to the project.

Product	Part Number	Height and Finish	Length	Weight
RAMPART 280				
R280-4-G	100481	1230 mm (4') Galvanized	2508 mm (8' 2")	26.3 kg (58 lbs)
R280-4-P	100482	1230 mm (4') Black	2508 mm (8' 2")	27.2 kg (60 lbs)
R280-6-G	100483	1830 mm (6') Galvanized	2508 mm (8' 2")	38.6 kg (85 lbs)
R280-6-P	100484	1830 mm (6') Black	2508 mm (8' 2")	39.5 kg (87 lbs)
R280-8-G	100485	2430 mm (8') Galvanized	2508 mm (8' 2")	51.3 kg (113 lbs)
R280-8-P	100486	2430 mm (8') Black	2508 mm (8' 2")	51.7 kg (114 lbs)
RAMPART 284				
R284-4-G	100487	1230 mm (4') Galvanized	2508 mm (8' 2")	16.3 kg (36 lbs)
R284-4-P	100488	1230 mm (4') Black	2508 mm (8' 2")	16.3 kg (36 lbs)
R284-6-G	100489	1830 mm (6') Galvanized	2508 mm (8' 2")	23.1 kg (51 lbs)
R284-6-P	100490	1830 mm (6') Black	2508 mm (8' 2")	24.0 kg (53 lbs)
R284-8-G	100491	2430 mm (8') Galvanized	2508 mm (8' 2")	30.9 kg (68 lbs)
R284-8-P	100492	2430 mm (8') Black	2508 mm (8' 2")	31.8 kg (70 lbs)
RAMPART 286				
R286-4-P	100493	1230 mm (4') Black	2506 mm (8' 2")	13.6 kg (30 lbs)
R286-6-P	100494	1730 mm [6' (68.1")] Black	2506 mm (8' 2")	18.1 kg (40 lbs)
R286-8-P	100495	2430 mm [8' (95.7")] Black	2506 mm (8' 2")	26.8 kg (59 lbs)
RAMPART 354				
R354-4-P	100496	1248 mm (4') Black	2520 mm (8' 3 3/16")	31.8 kg (70 lbs)
R354-6-P	100497	1858 mm (6') Black	2520 mm (8' 3 3/16")	56.7 kg (125 lbs)
R354-8-P	100498	2467 mm (8') Black	2520 mm (8' 3 3/16")	63.5 kg (140 lbs)
RAMPART 358				
R358-4-P	100499	1198 mm (4') Black	2518 mm (8' 3 1/8")	26.1 kg (57.5 lbs)
R358-6-P	100500	1833 mm (6') Black	2518 mm (8' 3 1/8")	37.2 kg (82 lbs)
R358-8-G	100796	2442 mm (8') Galvanized	2518 mm (8' 3 1/8")	45.4 kg (100 lbs)
R358-8-P	100501	2442 mm (8') Black	2518 mm (8' 3 1/8")	51.3 kg (113 lbs)
R358-10-P	100861	3000 mm (10') Black	2518 mm (8' 3 1/8")	92.1 kg (203 lbs)

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