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Catalog

Product Line 7

Wrought Iron Sign Holders, Sign Stands, and Racks



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This Catalog covers two categories of Wrought Iron products (1)hangers, stands, and holders for signs and plaques; (2) wineracks, wall hangings, towel racks, and plant stands, that are not associated with signs.

We make wrought iron hangers, stands and holders for nearly all of our signs in Product Lines 1, 2, 3, 4, 5, and 6. These are made to easily interface with the signs, so that installing your sign should take about half an hour to install with simple hand tools (a hammer, a level, a screwdriver and a crescent wrench). You do not have to saw or drill; all metal is cut to your specified length and all holes are pre-drilled to match your sign's size and shape. Each stand or hanger is thus designed to match the sign you order. This can save you many hours of work and hundreds of dollars in designing, building and painting your own sign stand.

This Catalog describes only the sign stands for Product Lines 1, 2, 3 and the Garden Signs in Product Line 6. Wrought Iron holders and frames for other Product Lines are described in their respective Catalogs. The nameplate desk stands and door nameplate holders are described in the Catalog for Product Line 4, pages 5 and 6. Ceramic plaque frame holders are described in the Catalog for Product Line 5, pages 7, 13 and 14. The stake holders for Plant Identification markers are described in the Catalog for Product Line 6, pages 5 and 6. All of these wrought iron products are designed specifically to be used with our own plaques and can be ordered only when the appropriate sign or plaque is ordered. We perform fit checks with your sign or plaque and its holder before shipping to ensure your sign will fit in its holder.

In contrast, the sign hangers and stands designed for our own signs in Product Lines 1, 2, 3 and 6 can also be used for signs made by other companies. They have generic mechanical fixtures which are suitable for attaching many types of signs, including wood, plastic and metal.

If you order a hanger or stand for a sign that is not supplied by Art SignWorks you may have to make minor modifications to your sign to make sure it interfaces properly with the sign hanger or stand. We only guarantee a simple sign installation when we supply the sign and hanger or stand together at the same time.

The first part of this catalog, Section A, describes the three types of sign hangers and stands. The second part of this Catalog, Section B, on page 13, describes other Wrought Iron products, including wine racks, wall hangings, bird-feeder stands, garden decorations, plant stands, towel racks, and custom wrought iron items.

A. Wrought Iron Sign Hangers and Stands

We offer three types of sign hangers and stands (1) wall hangers (L-brackets); (2) single post sign stand; and (3) dual post sign stands. Category (1) has six models and sizes, category (2) has one model, and category (3) has eighteen models and sizes. Examples of products in these three categories are given below.



(a) Wall Hanger



(b) Single Post Sign Stand



(c) Dual Post Sign Stand

Fig 1 – Types of Sign Hangers and Stands

The first category, wall hangers ((a) in **Fig 1** above), typically are installed on a wall of a merchant's building 11 to 15 feet above a sidewalk. Pedestrians or automobile occupants can easily see the double-faced sign from either side. Wall hangers can also be attached to a 4 in x 4 in or 6 in x 6 inch vertical post, for either a single-faced or double-faced signs. Wrought iron wall hangers have been used by merchants for over 400 years, and were very popular in colonial America. Our wall hangers come in three sizes, from 20 inches to 33 inches, and are suitable for signs from 14 inches to 37 inches wide which hang from two chains. They can support up to 100 lbs of sign weight if they are properly anchored into a wall. They are made of high quality , heavy-duty wrought iron and made with the finest workmanship. They are offered at about half the price that other companies offer, from \$60 to \$72.

The second category, a single post stand ((b) in **Fig 1** above), is suitable for small lightweight single-faced HDU, wood, metal or plastic signs no larger than 20 inches wide and 15 inches high. It has an adjustable sign mounting plate that can vary the view angle from vertical to 45 degrees at a height of 40 to 60 inches above the ground. The post can be mounted to a stake driven into the ground, or for some hard or very soft soils, the ground stake may have to be surrounded by rocks or concrete poured in a hole. Sign weight is limited to 25 lbs. Its price is \$50.

The third category, dual post stands ((c) in **Fig 1**), is for larger single-faced or double-faced signs from 16 inches wide to 32 inches wide. Signs are either hung from two chains or attached to the posts by means of four flanges (more suitable for single-faced signs). The top of the sign is typically 50 to 60 inches above the ground, eye-level for a pedestrian or car occupant. Like the single post sign stand above, the two posts can be mounted to a stake driven into the ground, or for some hard or very soft soils, the ground stake may have to be surrounded by rocks or concrete poured in a hole. Sign weight is limited to 80 lbs. Prices range from \$70 to \$90.

Each of the three types of sign hangers or stands are described in more detail in Sections A.1 through A.3, pages 4-12.

Materials and Fabrication Techniques. Our wrought iron hangers and stands are fabricated from heavy duty, low carbon mild steel especially formulated for wrought iron products. Our supplier's wrought iron fabrication factory is across the border in Mexico. It is a custom shop that designs and builds high-end wrought iron products, specializing in precision bending and welding of complex designs. We have a close relationship with this responsive supplier, because the owner's and craftsmen are members of our extended family.

After the wrought iron piece is welded into an integral unit, the piece is cleaned, dipped in a commercial zinc bath (also used to coat truck bumpers) to prevent rusting and corrosion, and painted with a rust-resistant metal primer. The pieces are then shipped to Fallbrook, where we drill chain holes and shorten chains (if relevant), and shorten either the posts or the wall legs, depending on the type, to match the sign's size and shape, and to test the attachment fixtures on the sign. The hanger or stand is then given the final fit check with the sign, and then painted with a coats of the select Rustoleum metal enamel, dried, and then given a second coat. The hanger or stand is then disassembled and packed for shipping. Assembly and installation instructions are shipped with the unit.

A.1 Wall Hangers (L-Brackets)

Design Choices. Our wall hangers are strong and tough, built to last 30 years or longer, and they are very elegant looking. They are also affordable; their prices range from \$60 to \$72. The price list is given on page 15 of this Catalog. They are suitable for small to large signs, both single-faced and double-faced signs that are either hung overhead or offset from a single wood post.

As for all Art Signworks products, you have considerable flexibility in the selecting the design we will make for you. Your selections are the following: size (20, 25, and 33 inches wide), each with the own design; shape (curved and straight beams); and colors (flat black; and semi-gloss black, white, tan, brown, and dark green).

The selection process is simple. First, determine the width of your sign and whether it has a straight top or curved top. Then select the appropriate Model number from **Fig. 2 and Fig 3** . Finally, select your hanger's color based on the sign's color and the building's wall color. Then fill out the **Sign Design Specification Form** in the "Place an New Order" section of the website. If you order a sign at the same time, identify that order and we will match the mechanical interfaces (chains positions and lengths) to your sign, and install fittings on your sign to match these at no additional cost. Unlike other **Product Lines**, we do not send you a PROOF (color drawing) of your Wrought Iron design electronically, because the wrought iron is not personalized; the photos on this Catalog and the website serve as your PROOF.



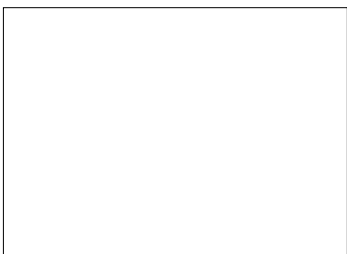
WBC-20 Curved



WBC-25 Curved



WBC-33 Curved



WBS-20 Straight



WBS-25 Straight



WBS-33 Straight

(a) 20 inch Hangar

(b) 25 inch Hanger

(c) 33 inch hanger

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Fig 2 – Types and Sizes of Wall Hangers

Model No.	Sign Hanger description	Sign Size/Shape	Hanger Width (in)	Hanger Height (in)
WBS-20	Wall hanger, L-Bracket Straight with chains	S10-S14,S16,S21-25,S27	20	17
WBC-20	Wall hanger, L-Bracket Curved with chains	S15,S17-S20, S26, S28-S32, S50-S53, S64-S72	20	17
WBS-25	Wall hanger, L-Bracket Straight with chains	S33	25	27
WBC-25	Wall hanger, L-Bracket Curved with chains	S33, S57-S63, S81-S89	25	27
WBS-33	Wallhanger, L-Bracket Straight with chains	Large custom rectangular signs 26-35 in wide (PL 8)	33	31
WBC-33	Wallhanger, L-Bracket Curved with chains	S73-S80	33	31

Fig 3–Specifications of Wall Hangers

Installation. The hanger is attached to the wall of a building or a 4 in x 4 in (or 6 in x 6 in) wood post with ½ inch steel bolts. For the building wall, the sign installer must be sure the bolts are attached to a strong wooden upright (at least a 2in x 4 in, preferably a 4 x 4) that can be either inside the wall or outside the wall. If the wall is made of brick or concrete block, anchor bolts can possibly be used. It is essential that the hanger be securely and strongly fastened to a wall when the sign is mounted over a sidewalk, for pedestrian safety reasons. The responsibility for the satisfactory hanger installation is with the buyer; Art SignWorks guarantees the structural integrity of the hanger itself, the chains, and the attachment of the chains to the sign (if we supply the sign) for 10 years, assuming the buyer conducts annual inspections to check for any rust or corrosion.

We offer a very versatile, single post sign stand consisting of of ground stake, a wrought iron post and a flat T or cross-shaped plate on which the sign is mounted with screws (**see Fig 4**). The view angle of the plate can be adjusted from vertical to 45 degrees. Vertical is the normal view angle for most signs viewed at a distance, when the sign is at eye-level; 45 degrees is the preferred angle when the sign is below eye-level, as when an observer tilts his/her head down to read an informational sign. We offer this stand in 6 colors (flat black; and semi-gloss black, white, tan, brown, and dark green).



(a) Shows ground stake partially in ground

(b) Upper part of stand

(c) Back side showing tilt mechanism and support plate (sign tilted 15 degrees)

Fig 4–Single Post Sign Stand

Installation. The single post is attached with two bolts to an angle-iron ground stake (see **Fig 5** on next page), which can be driven into the ground sixteen inches with a hammer in moderate hardness soils (such as moist topsoil or clay). Usually lawns and gardens have suitable soils. However, If the soil is too loose (sand or very wet) or too

hard (rocky or hard-packed dry clay), you may have to dig a hole 20 inches deep and 8-12 inches in diameter, insert the ground stake and then fill the hole with rocks and/or concrete (preferable). This latter installation will last longer in all cases; for the stake driving method, the stake alignment may need to be readjusted or the stake removed and re-driven every year or two in windy areas where sign/post assembly may begin to lean because of soil creep.

After the ground stake is secured in the ground, by whatever method, the square cross-section post is fastened to the top of the stake with two bolts. The sign is then fastened to the T-plate with three screws. If you order your sign the same time as the sign stand, we will cut the sign stand to your specified length, and drill the holes in the appropriate locations to secure the stand to the ground stake and the sign to the T-plate.

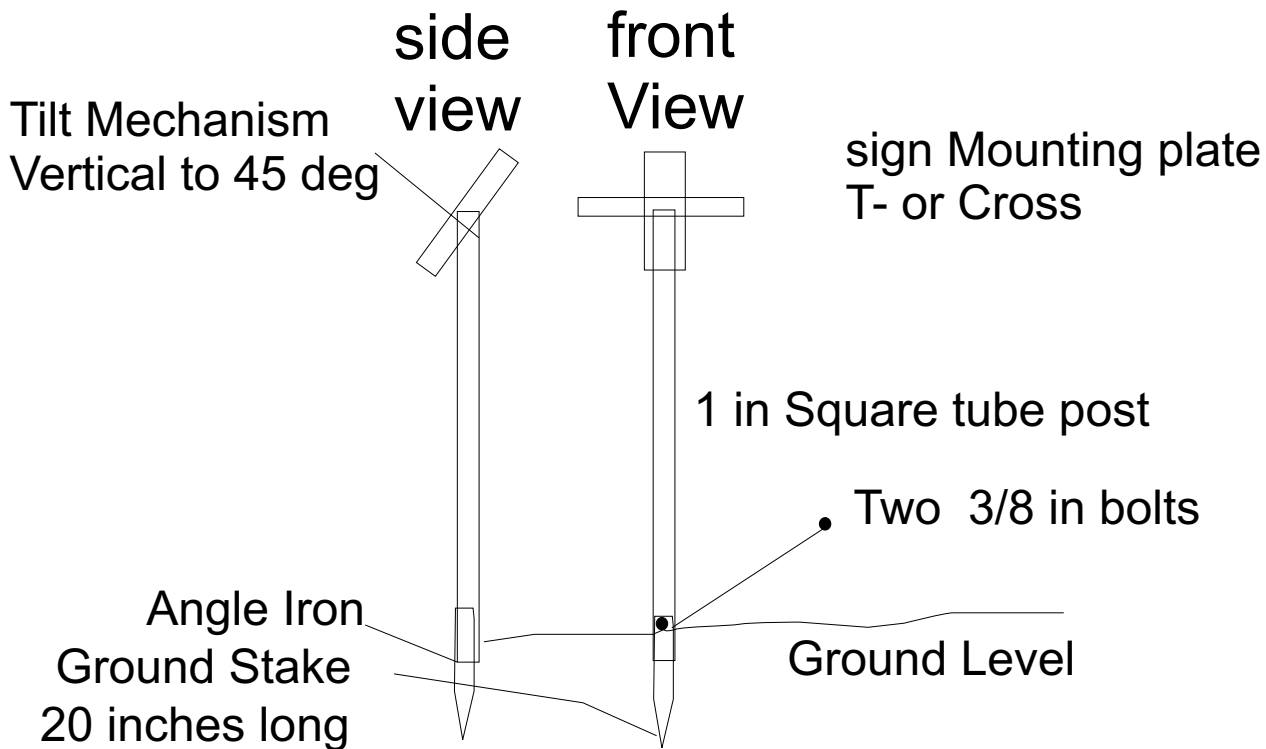


Fig 5 – Drawing of Single Post Sign Stand Installation

A.3 Dual Post Sign Stand.

We offer eighteen different wrought iron dual post sign stands designs,. These are primarily for signs too large for a single post sign, but small

enough so that they do not require 4 x 4 or larger vertical wood uprights. They are also appropriate for double faced signs whereas a single post sign is not. The sign size ranges from 16 inches by 12 inches to 32 inches by 36 inches. Dual post wrought iron stands look very attractive when they display entrance signs on farms, ranches, golf courses, and businesses, They can also be placed against buildings or walls for single-faced signs, or in front of a business next to a sidewalk (double-faced signs). The sign can be mounted from two chains, four tabs extending from the posts, or both chains and tabs. We offer three stand widths (20 inches, 25 inches, and 33 inches); two styles /shapes (straight top beam and curved or arch top beam); and the three mounting techniques (chains, tabs, and both) for a total of 18 different configurations. Three of these are shown in **Fig 6** below, along with their designations. These are all of the large size; 33 inches between the posts. We offer any of these in 6 colors (flat black; and semi-gloss black, white, tan, brown, and dark green).

Fig 7 on the next page summarizes the 18 configurations. The post height and middle cross-bar can be adjusted to fit the sign's height. The middle of the sign should be about 44-50 inches high for pedestrians and seated car occupants. Selection of the most appropriate stand configuration for your sign is simple. First, determine whether you want to support your sign from tabs, chains, or both, If there is any significant wind in your sign's location (greater than 5 mph), we strongly recommend tabs.



(a) SDF-33

Straight top with tabs



(b) CDF-33

Arch top with tabs



(c) CDC-33

Arch top with chains

Fig 6. Three Models of Dual Post Sign Stands

Model No.	Sign Stand Description	Sign Size/Shape	Width between Posts (in)	Stand Max Height (in)
SDC-20	Straight Top Dual Post Kit,chains	S26, S28-S32, S50-S53, S64-S72	20	56-66
SDC-25	Straight Top Dual Post Kit, chains	S15, S17-S20, S33, S57-S63, S81-S89	25	56-66
SDC-33	Straight Top Dual Post Kit, chains	S73-S80	33	56-66
CDC-20	Arch Top Dual Post Kit, chains	S26, S28-S32, S50-S53, S64-S72	20	56-68
CDC-25	Arch Top Dual Post, chains	S15, S17-S20, S33, S57-S63, S81-S89	25	56-68
CDC-33	Arch Top Dual Post Kit , chains	S77,S79, S80	33	56-68
SDF-20	Straight Top Dual Post Kit, tabs	S21-S25, S27	20	56-66
SDF-25	Straight Top Dual Post Kit , tabs	S60-S63, S81-S84, S87-S89	25	56-66
SDF-33	Straight Top Dual Post Kit,tabs	S77, S79, S80	33	56-66
CDF-20	Arch Top Dual Post Kit , tabs	S50-S53, S64-S67, S70-S72	20	56-66
CDF-25	Arch Top Dual Post Kit , tabs	S60-S63, S81-S84, S87-S89	25	56-66
CDF-33	Arch Top Dual Post Kit ,tabs	S77, S79, S80	33	56-66
SDB-20	Straight Top Dual Post Kit, both	S21-S25, S27	20	56-66
SDB-25	Straight Top Dual Post Kit , both	S60-S63, S81-S84, S87-S89	25	56-66
SDB-33	Straight Top Dual Post Kit, both	S77, S79, S80	33	56-66
CDB-20	Arch Top Dual Post Kit , both	S50-S53, S64-S67, S70-S72	20	56-66
CDB-25	Arch Top Dual Post Kit , both	S60-S63, S81-S84, S87-S89	25	56-66
CDB-33	Arch Top Dual Post Kit , both	S77, S79, S80	33	56-66

Fig 7. Eighteen Models of Dual Post Sign Stands

If you like the look of chains but your sign is in a windy location, choose chains plus tabs. These HDU signs are light and act like a sail; any significant winds may damage the sign or stand. We cannot be responsible for wind damage to signs or stands because we have no control over installation or location.

Second, determine your sign's width. Subtract 4 inches from it if you want chains, two inches if you want tabs or tabs plus chains. Select the configuration with a width less than this number (e.g., if you have a 24 inch wide sign, and want a configuration with chains, then you want a stand with at least 28 inches width-the next size up is 33 inches). Then decide whether you want a straight or arch top; signs which have curved tops look best with an arch top. If the stand is for one of our HDU or wood signs (Product Lines 1, 2, or 3), then the column marked Sign Size/shape in **Fig 7** will be helpful to you in selecting an appropriate stand.

Installation. Each post is attached with two bolts to an angle-iron ground stake (see **Fig 8** on next page), which can be driven into the ground sixteen inches with a hammer in moderate hardness soils (such as moist topsoil or clay). Usually lawns and gardens have suitable soils. However, If the soil is too loose (sand or very wet) or too hard (rocky or hard-packed dry clay), you may have to dig a hole 20 inches deep and 8-12 inches in diameter for each stake, insert the ground stake and then fill the hole with rocks and/or concrete (preferable). This latter installation will last longer in all cases; for the stake driving method, the stake alignments may need to be readjusted or the stakes removed and re-driven every year or two in windy areas where sign/post assembly may begin to lean because of soil creep. A concrete filled hole will prevent this from happening.

The two ground stakes have to be carefully positioned and aligned so that the posts will slide into them tightly. We supply a cardboard template to lay on the ground to enable you to do this. The two-side stakes have to be the correct distance from each other and also oriented properly for the square posts to fit into.

The stand consists of four pieces (two posts, top bar, and middle cross-bar) in addition to the 2 ground stakes, and is bolted together through pre-drilled holes. The assembled stand is then inserted into the two stakes. The stake orientation must be checked after the stand is assembled but before the stakes are fixed in their final orientation (especially if concrete is poured around them).

If necessary, the stakes can be twisted slightly or moved together or apart to ensure the posts slide into the corner of the stakes. Two bolts are then used to secure each post to each stake. A level is then used to make sure the posts are vertical and the middle cross-bar is horizontal; if not, small adjustments in the completed assembly can usually be made by leaning the assembly or pulling up slightly on one of the posts. The sign is then connected to the chains with a locking chain link (supplied), and/or screws are inserted into the back of the sign through pre-drilled holes in the four tabs, using markings on the back of the sign to ensure the sign is positioned correctly on the stand. Dirt or rocks or cement are then tamped around the top of the stakes. The tools required are a hammer, a carpenter's level, pliers, a slot screwdriver, and a small crescent wrench. If you need to dig a hole (rather than drive stakes into soil), you will need a shovel and a steel bar (or the handle of the shovel) to tamp rocks or concrete around the stakes.

The time for stand assembly and installation, assuming the stakes are driven, is about a half-hour. If you need to dig holes, allow another hour.

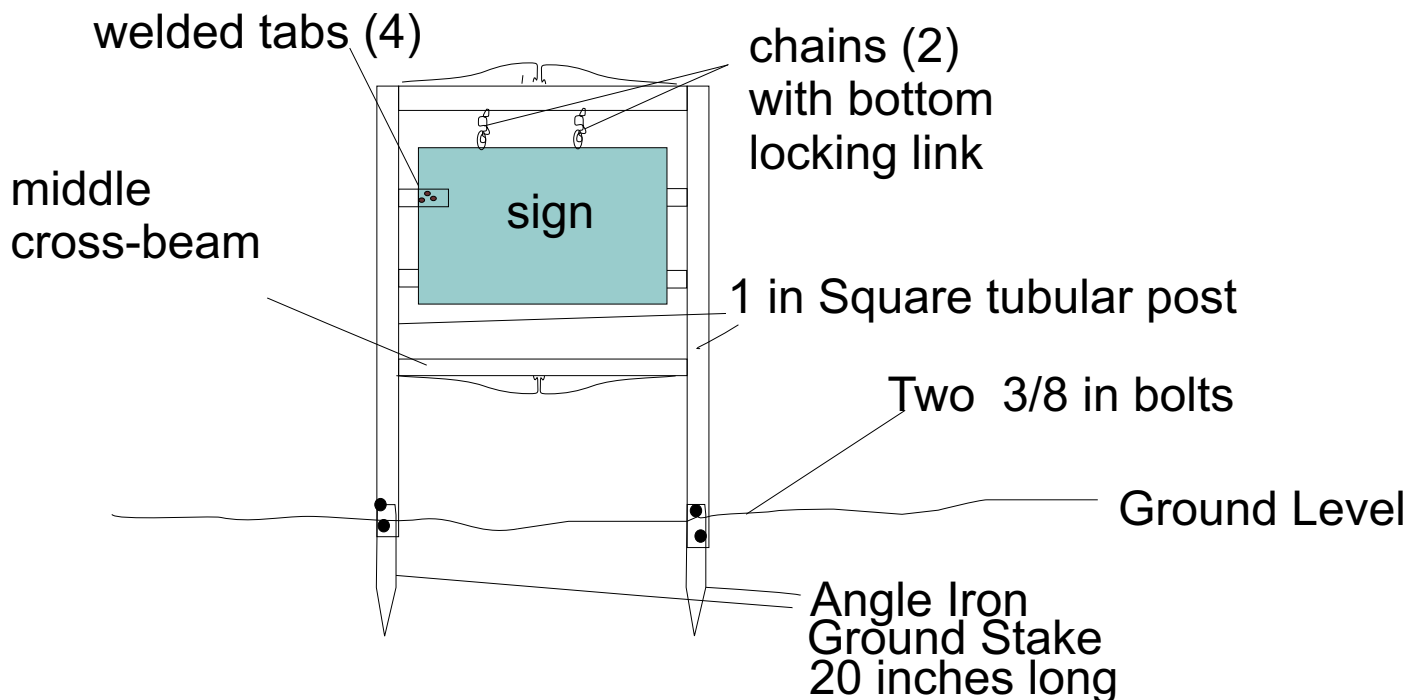


Fig 8. Installation of Dual Post Sign Stands

A. Wrought Iron Wine Stands, Wall Hangings, and Other Products

In addition to sign hangers, stands, holders, and frames, Art SignWorks offers other Wrought Iron products such as wine racks, wall hangings, towel racks, plant stands, and garden decorations. These are made by the same foundry that makes our sign fixtures. These are made of the highest quality Wrought iron, and the workmanship is superb! Two of these products are shown below, and others will be added soon, including a six bottle wine rack, a bathroom towel rack, garden decorations, a small garden gate, and more wall hangings. Like all of our other Wrought iron products, these may be ordered in the following 6 colors (flat black; and semi-gloss black, white, tan, brown, and dark green). The wine racks can also be ordered as hand-painted, as shown in Fig 9 (b) below. Prices are given on the next page.



(a) 3 bottle
wine rack



(b) hand-painted
wine rack

c) wall
decoration

Fig 9. Wine Racks and Wall Hanging

PRODUCT LINE 7 - Wrought Iron Hangars, Stands, and Racks

Model No.	Sign Hanger description	Sign Size/Shape	Hanger Width (in)	Hanger Height (in)	Catalog Price (\$)
WBS-20	Wall hanger, L-Bracket Straight with chains	S10-S14,S16,S21-25,S27	20	17	\$60.00
WBC-20	Wall hanger, L-Bracket Curved with chains	S15,S17-S20, S26, S28-S32, S50-S53, S64-S72	20	17	\$62.00
WBS-25	Wall hanger, L-Bracket Straight with chains	S33	25	27	\$65.00
WBC-25	Wall hanger, L-Bracket Curved with chains	S33, S57-S63, S81-S89	25	27	\$67.00
WBS-33	Wallhanger, L-Bracket Straight with chains	Large custom rectangular signs 26-35 in wide (PL 8)	33	31	\$70.00
WBC-33	Wallhanger, L-Bracket Curved with chains	S73-S80	33	31	\$72.00

Model No.	Sign Stand Description	Sign Size/Shape	Width between Posts (in)	Stand Max Height (in)	Catalog Price (\$)
VPT	Vertical Post-Tee plus one SGS	S1-S32	N/A	40-48	\$50.00
SDC-20	Straight Top Dual Post Kit,chains	S26, S28-S32, S50-S53, S64-S72	20	56-66	\$70.00
SDC-25	Straight Top Dual Post Kit, chains	S15, S17-S20, S33, S57-S63, S81-S89	25	56-66	\$75.00
SDC-33	Straight Top Dual Post Kit, chains	S73-S80	33	56-66	\$80.00
CDC-20	Arch Top Dual Post Kit, chains	S26, S28-S32, S50-S53, S64-S72	20	56-68	\$75.00
CDC-25	Arch Top Dual Post, chains	S15, S17-S20, S33, S57-S63, S81-S89	25	56-68	\$80.00
CDC-33	Arch Top Dual Post Kit, chains	S77,S79, S80	33	56-68	\$85.00
SDF-20	Straight Top Dual Post Kit, tabs	S21-S25, S27	20	56-66	\$65.00
SDF-25	Straight Top Dual Post Kit, tabs	S60-S63, S81-S84, S87-S89	25	56-66	\$70.00
SDF-33	Straight Top Dual Post Kit,tabs	S77, S79, S80	33	56-66	\$75.00
CDF-20	Arch Top Dual Post Kit, tabs	S50-S53, S64-S67, S70-S72	20	56-66	\$75.00
CDF-25	Arch Top Dual Post Kit, tabs	S60-S63, S81-S84, S87-S89	25	56-66	\$80.00
CDF-33	Arch Top Dual Post Kit, tabs	S77, S79, S80	33	56-66	\$85.00
SDB-20	Straight Top Dual Post Kit, both	S21-S25, S27	20	56-66	\$75.00
SDB-25	Straight Top Dual Post Kit, both	S60-S63, S81-S84, S87-S89	25	56-66	\$80.00
SDB-33	Straight Top Dual Post Kit, both	S77, S79, S80	33	56-66	\$85.00
CDB-20	Arch Top Dual Post Kit, both	S50-S53, S64-S67, S70-S72	20	56-66	\$80.00
CDB-25	Arch Top Dual Post Kit, both	S60-S63, S81-S84, S87-S89	25	56-66	\$85.00
CDB-33	Arch Top Dual Post Kit, both	S77, S79, S80	33	56-66	\$90.00

Model No.	Wine Racks	Size/Shape	Width (in)	Height (in)	Catalog Price (\$)
WRA	3 Bottle Wine Rack -Black	N/A	12	13	\$43.00
WRAC	3 Bottle Wine Rack A-Colored	N/A	12	13	\$53.00

Wall Decoration

WRA	Floral Pattern	N/A	36	36	\$90.00
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- (1) Discount of 10% on Catalog Price on all models if order placed before January 1
- (2) Catalog Prices in table do not account for discounts, nor do they include sales tax (California only),shipping & handling, or installation

Fig 10 Price List