



3100 SERIES ANODIZED EXTRUDED
ALUMINUM HORSE STALL SYSTEMS



horse stall systems

STALL GRILLE SECTIONS

Our 3100 Series Aluminum Horse Stall Grille Sections are manufactured from anodized extruded aluminum for the ultimate in low maintenance stalls. Resistant to corrosion and cribbing, 3100 Series Stall Grilles will look great years after they are installed. All of our aluminum grille sections are available with 29" or 36" pole lengths and in 2, 4, 5, 6 and 7 foot grille lengths.

Designed as an easy-to-assemble, knocked down system, our 3100 Series Stall Grilles can be shipped virtually anywhere by UPS or FedEx. All grille sections feature pre-punched top and bottom rails with 1" diameter poles spaced 4" on center. Grille rails are formed to fit standard tongue-and-groove dimensional lumber. Our exclusive foam inserts hold poles into position for installation and prevent pole rattling.

3100 Series Stall Grilles are available in Standard, Feed Opening and Swing Out Door configurations. Our feed opening grilles feature a fixed 12" x 8" opening while our swing out door grilles include a built-in 18" x 28" access door with integral thumb latch. A matching swing out hay feeder is also available.



STALL DOOR PACKAGES

Fabricated of anodized extruded aluminum, 3100 Series Stall Door Packages come knocked-down, ready to assemble with tongue-and-groove dimensional lumber. Our door packages come complete with all the horse-safe hardware you need for your stall door including spring-loaded latch, track, trolleys and stay roller. And as with our 3100 Series grille sections, aluminum stall door packages from CannonBall:HNP are available with 29" or 36" grille heights. Like our grille sections, the knocked down design of our 3100 Series Stall Doors provides for fast and easy shipment to virtually anywhere.

When equipped with a 29" grille, your stall door packages can be built with a standard solid grille or with a fixed feed opening grille. A drop down door option is available in 36" grille Stall Door Packages. The drop down grille allows for horse-safe socialization and features integral locking thumb latches for easy, one-handed operation.

Aluminum Stall Door Packages from CannonBall:HNP are corrosion-resistant while the anodized coating provides a quality, long-lasting, maintenance-free finish. Available in clear or black, this unique coating style cannot be chewed off by your horses like powder coating can. Combined with our lifetime warranted Weatherstrip track and Delrin round track trolleys, your 3100 Series Stall Door will look and operate great for years with the lowest maintenance of any stall system on the market today.



HORSE STALL COMPONENTS

Stay Rollers

Our industry exclusive Concealed Stay Roller system provides for smooth operation in the ultimate horse-safe design. A composite roller is used for long maintenance-free life operating in a recessed channel on the bottom of the stall door. The Concealed Stay Roller functions as a traditional stay roller to prevent the door from swinging out while also serving as a stop for the door.



Track and Trolley Systems

The original producer of round track and trolley systems, CannonBall:HNP has matched up the ideal track and trolley combination for horse stalls. Your stall system will come with our easy-to-install Weatherstrip Track, powder coated to match the finish of your stalls. Your stall door will be carried by a pair of the finest Delrin strap trolleys on the market today, with the straps also coated to match the stalls. This self-cleaning, self-aligning and self-lubricating system is backed by a lifetime warranty on the track and trolleys.



Latch Systems

3100 Series Horse Stalls feature a unique, spring-loaded door latch for easy operation and exceptional latching strength in a horse-safe design. This unit functions as a traditional sliding bolt latch, however a built-in return spring ensures that the bolt remains fully retracted when the door is open. This design keeps the door opening clear of any protrusions that could potentially injure your horses.



HORSE STALL ACCESSORIES

Stall Wall Rails, Wall Caps and Corner Angles

Our full line of anodized aluminum rails, caps and angles let you complete your stall system to suit your needs. Our heavy-duty stall wall rails attach easily to any post for receiving the ends of the stall wall planks. Wall caps prevent cribbing on any exposed plank edges. Corner angles make the ideal cribbing guard for your wooden posts.



Swing-Out Feeder

Our Swing Out Feeders are built around a custom grille section designed to support our Poly Trough with Hay Rack. The grille section uses the same operating design as our swing out doors – a thumb latch is integrated into one of the grille poles for a positive-action, easy-to-operate, horse-safe design. The Swing Out Feeder is compatible with both 29" and 36" grille height systems and feature the same knocked down, anodized aluminum construction as our other 3100 Series Horse Stall components.



Window Grilles

As with all of our other 3100 Series Stall Components, our Window Grilles feature knocked down construction with anodized extruded aluminum components. Available in a wide variety of sizes to fit most common window openings, our Window Grilles allow you to safely include windows in your barn and stall system designs. The pole spacing of the grille prevents the horse from getting at the window while still allowing access to the window to allow fresh air in. Allows you to include ample natural lighting in your barn design while keeping your horses safe.



TRADITIONAL POST CONSTRUCTION

Horse Stall Systems from CannonBall:HNP have been designed to be assembled using standard tongue-and-groove (TAG) lumber. Our stall components are specifically designed for use with 2x6 TAG dimensional lumber, however other dimensions can also be used so long as it is 1-1/2" thick. When using larger lumber, some pieces will need to be rip-cut for proper fit (such as the lumber used in the stall door).

The stall front and exposed end walls (where applicable) are assembled by attaching the lumber to the faces of the posts, with the grille sections, doors and accessories positioned wherever is most suitable for your post spacing. For proper mounting of the sliding stall door system and grille sections, a continuous header board is required across the top of the stalls, above the grille sections, and across the top of the door opening to support the provided face-mount track.

Stall partitions run between the structural posts and attach to the posts using stall wall rails. Stall wall rails mount directly to the posts and feature a channel that is designed to receive standard dimensional TAG lumber. Because partition walls tend to feature longer, unsupported runs of lumber, wall braces are recommended for reinforcement. Wall braces mount vertically to the face of the partition wall lumber to interlock the lumber and reinforce the TAG joints of the wall. We recommend using one wall brace for every three feet of partition wall.

Wall caps are designed to prevent cribbing of any exposed edges of the dimensional lumber. The caps are formed, u-shaped channels that wrap around the entire edge of the lumber and can be cut to desired lengths for stall design. Post edge crib guards and corner angles are designed to provide protection of the vertical posts used for constructing the stalls.



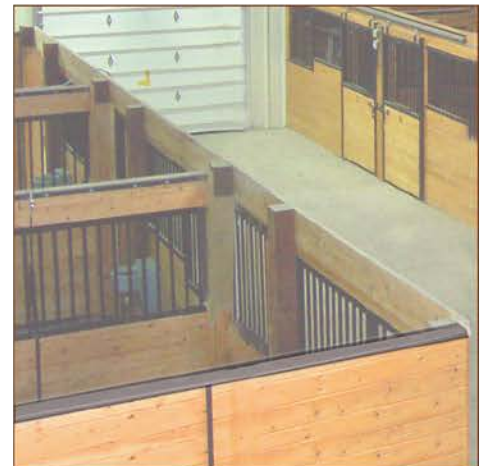
FREE STANDING CONSTRUCTION

Horse Stall Systems from CannonBall:HNP may also be used for free standing applications where structural posts are not used, such as riding arenas and other types of metal building structures. For this type of construction, posts will still be required at the corners of each stall, however the posts are not part of the structure of the actual building. The size of the posts must be at least 4x4, however larger sizes may be used if desired.

We recommend that the posts be anchored to the floor (if paved) or sunk into the ground if a floor is not included in the building. Posts are required at each corner where stall walls meet. There must also be a post located at each side of the stall door opening to provide support for the stall front (if the opening is positioned at a corner, then the corner post can be used to support the opening).

It is recommended that free standing stalls be tied into the structure of the building in some manner to ensure the long-term stability of the stalls. Many builders integrate the stall system into the sidewall structure of the building, using the building sidewall as the rear wall of the stalls. Some builders choose to use longer posts in order to tie the stall structures into the overhead structure of the building. The best method to use will depend on your building type, materials and stall design – consult your building’s designer for the best method for your structure.

Once the design issues for your free standing stalls have been resolved, the stalls are assembled using the same components and techniques used for post frame construction. There are no additional components or hardware required for using our stall systems in a free standing application other than the necessary posts themselves and the hardware necessary to tie it to the building. Either of our Steel or Aluminum Horse Stall Systems can be used for either construction type.



ALUMINUM STALL ORDERING INFORMATION

29" Grille Height

CLEAR FINISH ITEM

BLACK FINISH ITEM

725781	4/0 x 7/0 Stall Door Complete (includes door with grille, track, hangers, stay roller and latch)	760397
725782	4/0 x 7/0 Stall Door Only	760455
760270	4/0 x 8/0 Stall Door Complete (includes door with grille, track, hangers, stay roller, and latch)	760456

STALL FRONTS - STANDARD: Includes complete 4/0 x 7/0 stall door with hardware and grille sections required.

726234	8 ft. Stall Wall	726254
726235	10 ft. Stall Wall	726255
726236	12 ft. Stall Wall	726256

STALL FRONTS - WITH FEED OPENING: Includes complete 4/0 x 7/0 stall door with hardware, grille sections required and (1) grille section with feed opening.

726237	8 ft. Stall Wall	726257
726238	10 ft. Stall Wall	726258
726239	12 ft. Stall Wall	726259

STALL FRONTS - WITH SWING-OUT FEED OPENING DOOR: Includes complete 4/0 x 7/0 stall door with hardware, grille sections required and (1) grille section with feed opening door.

726240	8 ft. Stall Wall	726260
726241	10 ft. Stall Wall	726261
726242	12 ft. Stall Wall	726262

STALL FRONTS - WITH SWING-OUT FEED WITH HAY RACK: Includes complete 4/0 x 7/0 stall door with hardware, grille sections required and (1) swing-out feeder with hay rack.

726243	8 ft. Stall Wall	726263
726244	10 ft. Stall Wall	726264
726245	12 ft. Stall Wall	726265

ALUMINUM STALL ORDERING INFORMATION

29" Grille Height

CLEAR FINISH ITEM

BLACK FINISH ITEM

725784	2 ft. Grille Section	713700
714163	2 ft. Grille Section w/ 18" x 28" Swing-Out Feed Opening Door	714173
760370	2 ft. Feed Opening Grille	760572
725783	4 ft. Grille Section	713699
714180	4 ft. Grille Section w/ 18" x 28" Swing-Out Feed Opening Door	714181
725799	4 ft. Feed Opening Grille	713701
760285	5 ft. Grille Section	760573
760035	6 ft. Grille Section	760180
760052	7 ft. Grille Section	760574

STALL WALL PARTITIONS - WITH GRILLES: Includes grille sections required, (2) stall wall rails and stall wall braces.

726246	8 ft. Stall Wall	726266
726247	10 ft. Stall Wall	726267
726248	12 ft. Stall Wall	726268
726249	14 ft. Stall Wall	726269

STALL WALL PARTITIONS - WITH TWO (2) CONTINUOUS STRIP VENTS: Includes (2) stall wall rails, wall caps required for (2) continuous strip vents and stall wall braces.

726250	8 ft. Stall Wall	726270
760196	10 ft. Stall Wall	726271
726252	12 ft. Stall Wall	726272
726253	14 ft. Stall Wall	726273

ALUMINUM STALL ORDERING INFORMATION

36" Grille Height

CLEAR FINISH ITEM

BLACK FINISH ITEM

726091	4/0 x 7/0 Stall Door Complete (includes door with grille, track, hangers, stay roller, and latch)	760273
760066	4/0 x 7/0 Stall Door Complete w/ Drop Down Grille (includes door with grille, track, hangers, stay roller, and latch) - 36" poles	760067
760127	4/0 x 8/0 Stall Door Complete w/ Feed Opening Grille (includes door with grille, track, hangers, stay roller, and latch) - 36" poles	760575
760277	4/0 x 8/0 Stall Door Complete w/ Drop Down Grille (includes door with grille, track, hangers, stay roller, and latch) - 36" poles	760576
760049	42.5" Drop Down Grille Section - 36" poles For use in door or as separate grille section	760070
760135	2 ft. Grille Section - 36" poles	760143
760141	2 ft. Grille Section w/ 18" x 28" Swing-Out Feed Opening Door	760147
760577	2 ft. Feed Opening Grille	760578
726083	4 ft. Grille Section - 36" poles	726104
760142	4 ft. Grille Section w/ 18" x 28" Swing-Out Feed Out Opening Door	760148
760020	4 ft. Feed Opening Grille	726103
760579	5 ft. Grille Section	760580
760361	6 ft. Grille Section	760508
760581	7 ft. Grille Section	760582

ALUMINUM STALL ORDERING INFORMATION

CLEAR FINISH

ITEM

725741
726117

7 ft. Stall Wall Rail
8 ft. Stall Wall Rail

725757
760487

7 ft. Stall Wall Brace
8 ft. Stall Wall Brace

760263
725756
713967

8 ft. Wall Cap
10 ft. Wall Cap
12 ft. Wall Cap

713942
714178
726082

Post Edge Guard/Cribbing Guard
18" x 28" Swing-Out Feed Opening Door
Poly Trough Corner Feeder w/ Hayrack

BLACK FINISH

ITEM

713803
726317

713804
726319

760238
713802
726074

713943
714179
726082

WINDOW GRILLES:

725786
713833
760583
760150
760000

35-3/4 x 24 Window Grille
36 x 36 Window Grille
48 x 30 Window Grille
48 x 36 Window Grille
48 x 47-1/2 Window Grille

713798
760374
760203
760162
726163

REPLACEMENT PARTS:

646361
725706

Stall Door Track
Trolley Hanger Pair

713941
713938

725787
726061
725766
725765

29" Pole, 1" Diameter
36" Pole, 1" Diameter
2 ft. Grille Rail Only
4 ft. Grille Rail Only

713693
726080
713695
713694

725708
725710
726022
725779
725713
725780
725774

Latch
7/0 Door Side Rail Only
8/0 Door Side Rail Only
Door Grille Rail Only
Door Snap Cap Only
Door Guide Rail Only
Guide Roller and Bracket (zinc-plated only)

726230
713690
726013
713692
713691
713689
725774

HORSE BARN COMPONENTS

Dutch Doors

Our classic style Dutch Doors are the perfect complement to your CannonBall:HNP Horse Stall Systems. Available in steel or aluminum designs, our Dutch Doors can be ordered with or without a frame, in full or half Dutch configurations, and in a wide variety of colors to match your building. Steel models are available with a window lite in the upper panel and in larger sizes.



Barn and Loft Doors

For the other door openings of your barn, our Steel Barn and Loft Doors feature Dutch Door styling in a solid panel design. Available configured for hinged or sliding applications, our Barn and Loft Doors can be ordered as single or double doors and window lites can be installed in place of the upper crossback.



Country Slider Doors

For larger sliding door openings, our Country Sliders are available in steel or aluminum designs and feature crossback styling similar to a Dutch Door for opening up to 16' wide by 12' high (12' by 12' for units with windows). Country Sliders are available in a wide variety of colors to match your building. Steel models are also available knocked down for easier shipping.



HORSE BARN COMPONENTS

Cupolas

Add a touch of style and class to your horse barn with CB Cupolas from CannonBall:HNP. Available assembled or knocked down with your choice of standard flashing or a universal base, our CB Cupolas are fabricated of 24ga pre-painted galvanized steel in a wide variety of colors. All CB Cupolas feature our exclusive stainless steel roof seam lock for enhanced appearance and safer installation. Roof and sides can each be of different colors and a wide variety of weathervanes are available.



Walk Doors

CannonBall:HNP provides one of the largest selections of door models featuring six panel and crossbuck doors in the marketplace today. All of our walk door designs feature insulated panels, stainless steel hinges and are available with window lites and a wide variety of accessories. Double door and custom sized units are also available - contact factory for details.



Windows

With choices including utility aluminum, thermal broke aluminum, and welded vinyl, CannonBall:HNP can meet all of your window needs. Our 200 Series utility model is an economical single pane horizontal slider for general purpose use. The 2000 Series aluminum model is available in horizontal sliding and picture windows featuring a 13/16" IG for energy efficiency. The 2100 Series adds our exclusive Pro Fit Trim package for color matching to your building. Our 1200 Series Builders Choice vinyl is available in slider, single hung, picture and architectural shapes including circle tops.



3100 SERIES ANODIZED EXTRUDED ALUMINUM HORSE STALL SYSTEMS



Horse stalls of extruded aluminum featuring knocked down construction for fast shipment to virtually anywhere.

Anodized coatings cannot be chewed off like powder coating and provide years of maintenance-free beauty.

Components designed for stall grille heights of either 29" or 36"

Available with a variety of horse-safe accessories and components

Suitable for post frame and free standing stall construction.

Fast and easy assembly with standard tongue-and-groove dimensional lumber

Available delivered with a complete line-up of horse barn systems including Dutch Doors, Barn Doors, Country Sliders, Cupolas, Walk Doors, and Windows.



CNB-AS-BK001