

# 4Post Shelving – Specifications

## Standard/Medium Duty

**General Information:** Datum Standard and Medium Duty Shelving offers exceptional strength and durability for a variety of storage applications. 4Post shelving incorporates both “L” & “T” shaped uprights allowing for a variety of shelving configurations. Interlocking keyhole uprights combined with double rivet shelf supports are designed to offer maximum strength and durability with exceptional versatility. All shelf units are assembled without the use of nuts, bolts, or clips and are available for both single entry (wall unit) and double entry (back to back storage) allowing for maximum filing/storage capacity with minimal floor intrusion. Shelves are available slotted to accept adjustable file dividers. All shelf units are designed for expansion and are available as mobile ready for easy conversion to Datum TrakSlider Systems. Datum 4Post Shelving is RTA (Ready to Assemble) with no special tools required. Available depths make it an ideal choice for letter, legal, binder, and book storage applications.

**Open Uprights:** Are 18 gauge cold roll steel, roll formed into a 2" wide “T” upright with keyhole slot holes punched on 1-1/2" centers on inner wall of upright only. There are no holes on the exterior portion of the upright. Front and rear posts are joined together with a minimum of three 3" high 18 gauge spacers maintaining proper upright spacing along the entire length of the upright and adds rigidity and strength. The open “L” upright is typically used for row ends with Open “T” uprights used as a common upright between shelf units. All uprights include an identifiable pair of punched holes every 6" on center allowing a visual confirmation for proper shelf spacing.

**Closed Uprights:** Includes same specifications as the Open Uprights except welded spacers are replaced with a welded 24 gauge full height closure sheet incorporating a 5/8" wide stiffener flange at the bottom of the closure sheet.

**Standard Duty Shelves:** Shelves are formed of 22 gauge cold roll steel with a 3/4" flange on all sides. Front and Back shelf sides to include a 9/32" stiffener flange for added strength. Shelves are available plain or with slots punched on 2" centers to accept adjustable file dividers.

**Medium Duty Shelves:** Include same specification as Standard Duty Shelving except shelves are formed of 18 gauge cold roll steel.

**TrakSlider Standard Duty Tops:** Tops are formed of 22 gauge cold roll steel with a 3/4" flange on all sides. Front and Back top sides to include a 9/32" stiffener flange for added strength. All tops are pre-punched with knock-outs to accept TrakSlider overhead anti-tip mounting hardware.

**Shelf Support:** Shelf supports are formed of 14 gauge (11 gauge for 42" and 48" widths) hot rolled pickled steel 3/4" high. Each support end is formed flat and includes two shoulder rivets with 7/16" diameter heads for attachment to corresponding keyholes in upright. Shelf supports are available with single or double rivets. All single rivet shelf supports are designed to sit flush with bottom of shelf upright and are pre-punched to align with holes on Datum TrakSlider carriages for easy attachment.

**Shelf Reinforcement:** Shelf reinforcements are formed of 13 gauge hot roll, pickled steel and formed into a channel shape. Shelf reinforcements are notched on each end and align with respective shelf support.

**Back Stops:** Back stops are formed of 18 gauge cold roll steel with a 7/16" channel at the top and similar bend at the bottom and are slotted on the face. Slots on Back stops are punched on same centers as the shelf and are used to accept back tab of adjustable file divider. Ends of Back stop include one shoulder rivet with 7/16" diameter head for attachment to corresponding keyholes in upright. Back stops are used for single entry shelving only.

**Center Stops:** Center stops are formed of 20 gauge cold roll steel with a 9/16" formed channel on the top and a 9/16" return bend on the bottom. Formed channels on the top are punched on same centers as the shelf and are used for back to back support of adjustable divider. The overall height of center stop is 4" and includes mounting holes on bottom flange for easy assembly using 7/32" nuts and bolts. Center stops are used for double entry shelving only.

**Front Base:** Front bases are formed of 20 gauge cold roll steel formed with a 9/16" stiffener flange on top and bottom edge. Front bases are available in 2" and 4" heights.

**Adjustable File Dividers:** File dividers are formed from 20 gauge cold roll steel. Dividers are punched to include two tabs on the base and one located on the rear. File dividers can only be used with Back or Center stops.

**Sectional Backs:** Sectional backs are formed of 22 gauge cold roll steel, positioned on the inner rear post, and are securely held in place by a formed retainer flange positioned between the shelf support and post. Each back section will include a formed channel on the top and bottom and include punched holes for joining sections together. Backs of 40" high are one-piece, 64" high are two-piece, and up to 97" are of three-piece construction. Sectional back panels will add 3/8" to overall depth of shelving.

**Pull Out Reference Shelves:** Pull out reference shelves shall be formed of 20 gauge cold roll steel and attach to underside of shelf supports. Pull out reference shelves operate on full extension ball bearing suspensions and are available to mount on single or double entry shelving.

**Finish:** All steel parts are thoroughly cleaned using a three-stage iron phosphate washer. Each steel component is then coated with an Epoxy hybrid powder coat finish using a state-of-the-art electrostatic paint system. This paint system ensures a long lasting durable finish.

**All specifications subject to change without notice.**

# 4Post Shelving – Specifications

## X-Ray Storage Shelving

**General Information:** Datum X-Ray Storage Shelving offers exceptional strength and durability making it an ideal choice for heavyweight X-Ray jacket applications. 4Post shelving incorporates both “L” & “T” shaped uprights allowing for a variety of shelving configurations. Interlocking keyhole uprights combined with double rivet shelf supports are designed to offer maximum strength and durability with exceptional versatility. All shelf units are assembled without the use of nuts, bolts, or clips and are available for both single entry (wall unit) and double entry (back to back storage) allowing for maximum filing/storage capacity with minimal floor intrusion. Shelves are available slotted to accept adjustable file dividers. All shelf units are designed for expansion and are available as mobile ready for easy conversion to Datum TrakSlider Systems. Datum 4Post Shelving is RTA (Ready to Assemble) with no special tools required.

**Open Uprights:** Are 18 gauge cold roll steel, roll formed into a 2" wide “T” upright with keyhole slot holes punched on 1-1/2" centers on inner wall of upright only. There are no holes on the exterior portion of the upright. Front and rear posts are joined together with a minimum of three 3" high 18 gauge spacers maintaining proper upright spacing along the entire length of the upright and adds rigidity and strength. The open “L” upright is typically used for row ends with Open “T” uprights used as a common upright between shelf units. All uprights include an identifiable pair of punched holes every 6" on center allowing a visual confirmation for proper shelf spacing.

**Closed Uprights:** Includes same specifications as the Open Uprights except welded spacers are replaced with a welded 24 gauge full height closure sheet incorporating a 5/8" wide stiffener flange at the bottom of the closure sheet.

**X-Ray Shelves:** Shelves are formed of 18 gauge cold roll steel with a 1-1/8" flange on all sides. Front and Back shelf sides to include a 9/32" stiffener flange for added strength. Shelves are available plain or with slots punched on 2" centers to accept adjustable file dividers.

**TrakSlider Standard Duty Tops:** Tops are formed of 18 gauge cold roll steel with a 1-1/8" flange on all sides. Front and Back top sides to include a 9/32" stiffener flange for added strength. All tops are pre-punched with knock-outs to accept TrakSlider overhead anti-tip mounting hardware.

**Heavy Duty Shelf Support:** Shelf supports are formed of 11 or 14 gauge (11 gauge for 42" and 48" widths) hot rolled pickled steel 1-1/8" high. Each support end is formed flat and includes two shoulder rivets with 7/16" diameter heads for attachment to corresponding key holes in upright. Shelf supports are available with single or double rivets. All single rivet shelf supports are designed to sit flush with bottom of shelf upright and are pre-punched to align with holes on Datum TrakSlider carriages for easy attachment.

**Heavy Duty Shelf Reinforcement:** Shelf reinforcements are formed of 13 gauge hot roll, pickled steel and formed into a channel shape. Shelf reinforcements are notched on each end and align with respective shelf support.

**Slotted X-Ray Back Stops:** Back stops are formed of 18 gauge cold roll steel with a 7/16" channel at the top and similar bend at the bottom and are slotted on the face. Slots on Back stops are punched on same centers as the shelf and are used to accept back tab of adjustable file divider. Ends of back stop include one shoulder rivet with 7/16" diameter head for attachment to corresponding keyholes in upright. Back stops are used for single entry shelving only.

**Slotted X-Ray Center Stops:** Center stops are formed of 18 gauge cold roll steel with a 9/16" formed channel on the top and a 9/16" return bend on the bottom. Formed channels on the top are punched on same centers as the shelf and are used for back to back support of adjustable divider. The overall height of center stop is 7" and includes mounting holes on bottom flange for easy assembly using 7/32" nuts and bolts. Center stops are used for double entry shelving only.

**Front Base:** Front bases are formed of 20 gauge cold roll steel formed with a 9/16" stiffener flange on top and bottom edge. Front bases are available in 2" and 4" heights.

**Adjustable File Dividers:** X-Ray dividers are formed from 18 gauge cold roll steel. Dividers are punched to include two tabs on the base and one located on the rear. X-Ray file dividers can be used with X-Ray Back and Center stops only.

**Sectional Backs:** Sectional backs are formed of 22 gauge cold roll steel, positioned on the inner rear post, and are securely held in place by a formed retainer flange positioned between the shelf support and post. Each back section will include a formed channel on the top and bottom and include punched holes for joining sections together. Backs of 40" high are one-piece, 64" high are two-piece, and up to 97" are of three-piece construction. Sectional back panels will add 3/8" to overall depth of shelving.

**Finish:** All steel parts are thoroughly cleaned using a three-stage iron phosphate washer. Each steel component is then coated with an Epoxy hybrid powder coat finish using a state-of-the-art electrostatic paint system. This paint system ensures a long lasting durable finish.

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## 4Post Shelving – Specifications

### Heavy Duty

**General Information:** Datum Heavy Duty Shelving offers exceptional strength and durability for a variety of storage applications. 4Post shelving incorporates both “L” & “T” shaped uprights allowing for a variety of shelving configurations. Interlocking keyhole uprights combined with double rivet shelf supports are designed to offer maximum strength and durability with exceptional versatility. All shelf units are assembled without the use of nuts, bolts, or clips and are available for both single entry (wall unit) and double entry (back to back storage) allowing for maximum filing/storage capacity with minimal floor intrusion. All shelf units are designed for expansion and are available as mobile ready for easy conversion to Datum TrakSlider Systems. Datum 4Post Shelving is RTA (Ready to Assemble) with no special tools required. Available depths make it an ideal choice bulk storage application.

**Open Uprights:** Are 18 gauge cold roll steel, roll formed into a 2" wide “T” upright with keyhole slot holes punched on 1-1/2" centers on inner wall of upright only. There are no holes on the exterior portion of the upright. Front and rear posts are joined together with a minimum of three 3" high 18 gauge spacers maintaining proper upright spacing along the entire length of the upright and adds rigidity and strength. The open “L” upright is typically used for row ends with Open “T” uprights used as a common upright between shelf units. All uprights include an identifiable pair of punched holes every 6" on center allowing a visual confirmation for proper shelf spacing.

**Closed Uprights:** Includes same specifications as the Open Uprights except welded spacers are replaced with a welded 24 gauge full height closure sheet incorporating a 5/8" wide stiffener flange at the bottom of the closure sheet.

**Heavy Duty Shelves:** Shelves are formed of 18 gauge cold roll steel with a 1-1/8" flange on all sides. Front and Back shelf sides to include a 9/32" stiffener flange for added strength. Shelves are available plain or with slots punched on 2" centers to accept adjustable file dividers.

**TrakSlider Standard Duty Tops:** Tops are formed of 18 gauge cold roll steel with a 1-1/8" flange on all sides. Front and Back top sides to include a 9/32" stiffener flange for added strength. All tops are pre-punched with knock-outs to accept TrakSlider overhead anti-tip mounting hardware.

**Heavy Duty Shelf Support:** Shelf supports are formed of 11 or 14 gauge (11 gauge on 42" & 48" widths only) hot rolled pickled steel 1-1/8" high. Each support end is formed flat and includes two shoulder rivets with 7/16" diameter heads for attachment to corresponding keyholes in upright. Shelf supports are available with single or double rivets. All single rivet shelf supports are designed to sit flush with bottom of shelf upright and are pre-punched to align with holes on Datum TrakSlider carriages for easy attachment.

**Heavy Duty Shelf Reinforcement:** Shelf reinforcements are formed of 13 gauge hot roll, pickled steel and formed into a channel shape. Shelf reinforcements are notched on each end and align with respective shelf support.

**Unslotted Center Divider:** Unslotted center dividers are formed of 18 gauge cold roll steel with a 9/16" formed channel on the top and a 9/16" return bend on the bottom. The overall height of center stop is 4" and includes mounting holes on bottom flange for easy assembly using 7/32" nuts and bolts. Center stops are used for unslotted double entry shelving only.

**Front Base:** Front bases are formed of 20 gauge cold roll steel formed with a 9/16" stiffener flange on top and bottom edge. Front bases are available in 2" and 4" heights.

**Sectional Backs:** Sectional backs are formed of 22 gauge cold roll steel, positioned on the inner rear post, and are securely held in place by a formed retainer flange positioned between the shelf support and post. Each back section will include a formed channel on the top and bottom and include punched holes for joining sections together. Backs of 40" high are one-piece, 64" high are two-piece, and up to 97" are of three-piece construction. Sectional back panels will add 3/8" to overall depth of shelving.

**Finish:** All steel parts are thoroughly cleaned using a three-stage iron phosphate washer. Each steel component is then coated with an Epoxy hybrid powder coat finish using a state-of-the-art electrostatic paint system. This paint system ensures a long lasting durable finish.

**All specifications subject to change without notice.**