

Typical Steel Frame Construction  
Bookcase Assembly

## General Specifications

### Oak Veneer End Panels

**End/Intermediate Panels:** All end and intermediate panels are 1" thick oak veneer core with premium grade "A" oak veneer on both faces. All exposed edges are banded with 1/8" solid red oak with edges and corners radiused 1/8". The panels are bored to permit shelf adjustment on 32mm increments, (approximately 1-1/4"). The intermediate panels are machined on both faces. End panels are through bored for attachment to the steel structural frames. Intermediate panels are undetailed. End panels may be specified with design details - see Design Line End Panels for 31-Series Shelving on the following page.

**Steel structural frames:** Structural frames are welded 1" square 18 ga. steel tubing bent and welded to form a continuous frame with radiused corners and bored to accept 1/4" -20 connector bolt hardware for attachment to the end and intermediate panels. Black powder coat finish is standard. NOTE: Mobile 31 Series units use a non-radiused steel tube frame with 14 gauge steel gussets.

**Top:** The top panel is 1" thick oak veneer core with select oak veneer face. The front edge is banded with 1/8" solid red oak. The top is attached with locking cam fasteners. Laminate tops are also available.

**Toe Plates:** A 1" D x 2-1/2" H toe sits below and slightly behind the front of the bottom shelf. Toes are constructed of hardwood plywood and attached to the side panels with steel brackets and screws. Toes are included with each bookcase - one toe with each single faced unit and two with each double faced unit.

**Mobile Toe Assembly:** The standard toe plate is replaced with a full toe frame on each side of a double faced unit. A steel chassis is fit to the inside of the toe assembly. Casters are bolted to the chassis with 1/4"-20 bolts and nylon insert lock nuts and the entire assembly is attached to the end panels with 5/16"-18 machine bolts. The steel chassis provides formed flanges under the toe and end panels for extra support. The casters are 2" diameter, nonlocking. The mobile bookcase sits 1/2" off the floor.

**Adjustable Steel Shelves:** 18 ga. steel shelves have a 1-1/4" deep triple bent edge and a 1-1/4" tall bookstop lip in the rear. Angled slots in the turned down side flanges allow the shelves to mount on 5mm adjustable shelf pins. Shelf pins have a collar that prevents them being removed without first removing the shelf. Bookcases 60" tall or taller use two fixed shelves per run. Fixed shelves are identical to adjustable shelves and are secured with 6mm euro-screws which use the same 5mm line holes as the adjustable shelf pins. Nominal 10" and 12" deep shelving uses 9" or 11" deep shelves respectively; dimension shown in following descriptions is full case depth. Shelves are finished with a durable powder coat. Standard powder coat color is black unless otherwise specified.

\*leveling glides are optional. We pre-drill hole locations in all end and intermediate panels to accept leveling glides as a standard manufacturing procedure. If leveling glides are required, you must order the glides separately.

\*All pricing shown is for oak veneer.  
Use of Maple or other species may incur an upcharge.

### High-Pressure Laminate End Panels

**End/Intermediate Panels:** All end and intermediate panels are 1" thick particle board with high-pressure laminate on both faces. All exposed edges are banded with 3mm PVC edges. The panels are bored to permit shelf adjustment on 32mm increments, (approximately 1-1/4"). The intermediate panels are machined on both faces. End panels are through bored for attachment to the steel structural frames. End and intermediate panels are undetailed.

**Steel structural frames:** Structural frames are welded 1" square 18 ga. steel tubing bent and welded to form a continuous frame with radiused corners and bored to accept 1/4" -20 connector bolt hardware for attachment to the end and intermediate panels. Black powder coat finish is standard. NOTE: Mobile 31 Series units use a non-radiused steel tube frame with 14 gauge steel gussets.

**Top:** The top panel is 1" thick particle board with a high-pressure laminate face. The front edge is banded with 3mm PVC. The top is attached with locking cam fasteners.

**Toe Plates:** A 1" D x 2-1/2" H toe sits below and slightly behind the front of the bottom shelf. Toes are constructed of particle board and attached to the side panels with steel brackets and screws. Toes are included with each bookcase - one toe with each single faced unit and two with each double faced unit.

**Mobile Toe Assembly:** The standard toe plate is replaced with a full toe frame on each side of a double faced unit. A steel chassis is fit to the inside of the toe assembly. Casters are bolted to the chassis with 1/4"-20 bolts and nylon insert lock nuts and the entire assembly is attached to the end panels with 5/16"-18 machine bolts. The steel chassis provides formed flanges under the toe and end panels for extra support. The casters are 2" diameter, nonlocking. The mobile bookcase sits 1/2" off the floor.

**Adjustable Steel Shelves:** 18 ga. steel shelves have a 1-1/4" deep triple bent edge and a 1-1/4" tall bookstop lip in the rear. Angled slots in the turned down side flanges allow the shelves to mount on 5mm adjustable shelf pins. Shelf pins have a collar that prevents them being removed without first removing the shelf. Bookcases 60" tall or taller use two fixed shelves per run. Fixed shelves are identical to adjustable shelves and are secured with 6mm euro-screws which use the same 5mm line holes as the adjustable shelf pins. Nominal 10" and 12" deep shelving uses 9" or 11" deep shelves respectively; dimension shown in following descriptions is full case depth. Shelves are finished with a durable powder coat. Standard powder coat color is black unless otherwise specified.

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### High-Pressure Laminate End Panels

**End/Intermediate Panels:** All end and intermediate panels are 1" thick particle board with high-pressure laminate on both faces. All exposed edges are banded with 3mm PVC edges. The panels are bored to permit shelf adjustment on 32mm increments, (approximately 1-1/4"). The intermediate panels are machined on both faces. End panels are through bored for attachment to the steel structural frames. End and intermediate panels are undetailed.

**Steel structural frames:** Structural frames are welded 1" square 18 ga. steel tubing bent and welded to form a continuous frame with radiused corners and bored to accept 1/4" -20 connector bolt hardware for attachment to the end and intermediate panels. Black powder coat finish is standard. NOTE: Mobile 31 Series units use a non-radiused steel tube frame with 14 gauge steel gussets.

**Top:** The top panel is 1" thick particle board with a high-pressure laminate face. The front edge is banded with 3mm PVC. The top is attached with locking cam fasteners.

**Toe Plates:** A 1" D x 2-1/2" H toe sits below and slightly behind the front of the bottom shelf. Toes are constructed of particle board and attached to the side panels with steel brackets and screws. Toes are included with each bookcase - one toe with each single faced unit and two with each double faced unit.

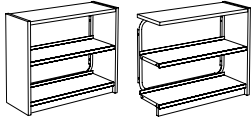
**Mobile Toe Assembly:** The standard toe plate is replaced with a full toe frame on each side of a double faced unit. A steel chassis is fit to the inside of the toe assembly. Casters are bolted to the chassis with 1/4"-20 bolts and nylon insert lock nuts and the entire assembly is attached to the end panels with 5/16"-18 machine bolts. The steel chassis provides formed flanges under the toe and end panels for extra support. The casters are 2" diameter, nonlocking. The mobile bookcase sits 1/2" off the floor.

**Adjustable Steel Shelves:** 18 ga. steel shelves have a 1-1/4" deep triple bent edge and a 1-1/4" tall bookstop lip in the rear. Angled slots in the turned down side flanges allow the shelves to mount on 5mm adjustable shelf pins. Shelf pins have a collar that prevents them being removed without first removing the shelf. Bookcases 60" tall or taller use two fixed shelves per run. Fixed shelves are identical to adjustable shelves and are secured with 6mm euro-screws which use the same 5mm line holes as the adjustable shelf pins. Nominal 10" and 12" deep shelving uses 9" or 11" deep shelves respectively; dimension shown in following descriptions is full case depth. Shelves are finished with a durable powder coat. Standard powder coat color is black unless otherwise specified.

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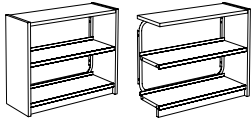
# 31 SERIES

## Shelving



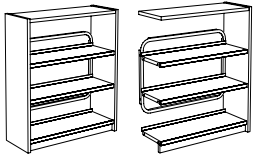
Single Faced Standard Units			Oak Veneer		Maple Veneer		High-Pressure Laminate	Melamine		
30" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	30"H x 37"W x 10-1/2"D, Initial	74	31-3010	\$889	31-3010M	\$1,065	H31-3010	\$1,007	T31-3010	\$871
	30"H x 36"W x 10-1/2"D, Adder	61	31-3010A	\$736	31-3010AM	\$880	H31-3010A	\$823	T31-3010A	\$751
	30"H x 37"W x 12-1/2"D, Initial	80	31-3012	\$955	31-3012M	\$1,138	H31-3012	\$1,007	T31-3012	\$871
	30"H x 36"W x 12-1/2"D, Adder	65	31-3012A	\$790	31-3012AM	\$944	H31-3012A	\$823	T31-3012A	\$751

30" high single sided shelving unit includes top, toe plate, one bottom and one mid shelf.



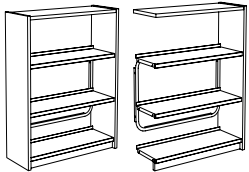
36" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	36"H x 37"W x 10-1/2"D, Initial	82	31-3610	\$994	31-3610M	\$1,196	H31-3610	\$1,140	T31-3610	\$988
	36"H x 36"W x 10-1/2"D, Adder	69	31-3610A	\$832	31-3610AM	\$1,011	H31-3610A	\$935	T31-3610A	\$855
	36"H x 37"W x 12-1/2"D, Initial	88	31-3612	\$1,084	31-3612M	\$1,446	H31-3612	\$1,140	T31-3612	\$988
	36"H x 36"W x 12-1/2"D, Adder	73	31-3612A	\$899	31-3612AM	\$1,210	H31-3612A	\$935	T31-3612A	\$855

36" high single sided shelving unit includes top, toe plate, one bottom and one mid shelf.



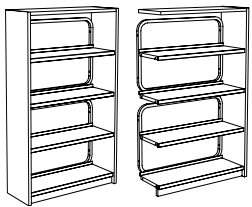
42" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	42"H x 37"W x 10-1/2"D, Initial	90	31-4210	\$1,100	31-4210M	\$1,316	H31-4210	\$1,275	T31-4210	\$1,103
	42"H x 36"W x 10-1/2"D, Adder	76	31-4210A	\$930	31-4210AM	\$1,109	H31-4210A	\$1,048	T31-4210A	\$959
	42"H x 37"W x 12-1/2"D, Initial	96	31-4212	\$1,209	31-4212M	\$1,446	H31-4212	\$1,275	T31-4212	\$1,103
	42"H x 36"W x 12-1/2"D, Adder	80	31-4212A	\$1,010	31-4212AM	\$1,210	H31-4212A	\$1,048	T31-4212A	\$959

42" high single sided shelving unit includes top, toe plate, one bottom and two adjustable shelves.



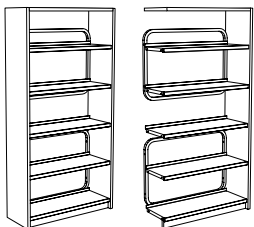
48" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	48"H x 37"W x 10-1/2"D, Initial	92	31-4810	\$1,156	31-4810M	\$1,382	H31-4810	\$1,275	T31-4810	\$1,103
	48"H x 36"W x 10-1/2"D, Adder	78	31-4810A	\$979	31-4810AM	\$1,165	H31-4810A	\$1,048	T31-4810A	\$959
	48"H x 37"W x 12-1/2"D, Initial	98	31-4812	\$1,271	31-4812M	\$1,520	H31-4812	\$1,275	T31-4812	\$1,103
	48"H x 36"W x 12-1/2"D, Adder	82	31-4812A	\$1,063	31-4812AM	\$1,271	H31-4812A	\$1,048	T31-4812A	\$959

48" high single sided shelving unit includes top, toe plate, one bottom and two adjustable shelves.



60" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	60"H x 37"W x 10-1/2"D, Initial	120	31-6010	\$1,417	31-6010M	\$1,855	H31-6010	\$1,774	T31-6010	\$1,511
	60"H x 36"W x 10-1/2"D, Adder	96	31-6010A	\$1,269	31-6010AM	\$1,568	H31-6010A	\$1,484	T31-6010A	\$1,309
	60"H x 37"W x 12-1/2"D, Initial	126	31-6012	\$1,454	31-6012M	\$1,972	H31-6012	\$1,774	T31-6012	\$1,511
	60"H x 36"W x 12-1/2"D, Adder	79	31-6012A	\$1,269	31-6012AM	\$1,700	H31-6012A	\$1,484	T31-6012A	\$1,309

60" High single sided shelving unit includes top, toe plate, one bottom and three adjustable shelves.

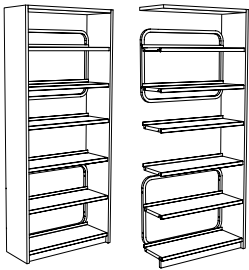


72" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	72"H x 37"W x 10-1/2"D, Initial	134	31-7210	\$1,678	31-7210M	\$2,018	H31-7210	\$2,084	T31-7210	\$1,784
	72"H x 36"W x 10-1/2"D, Adder	106	31-7210A	\$1,378	31-7210AM	\$1,711	H31-7210A	\$1,720	T31-7210A	\$1,531
	72"H x 37"W x 12-1/2"D, Initial	142	31-7212	\$1,678	31-7212M	\$2,232	H31-7212	\$2,084	T31-7212	\$1,784
	72"H x 36"W x 12-1/2"D, Adder	110	31-7212A	\$1,378	31-7212AM	\$1,878	H31-7212A	\$1,720	T31-7212A	\$1,531

72" high single sided shelving unit includes top, toe plate, one bottom and four adjustable shelves.

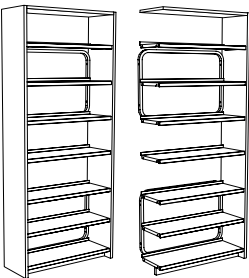
# 31 SERIES

## Shelving



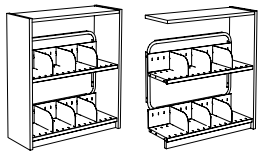
84" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	84"H x 37"W x 10-1/2"D, Initial	154	31-8410	\$1,887	31-8410M	\$2,152	H31-8410	\$2,410	T31-8410	\$2,003
	84"H x 36"W x 10-1/2"D, Adder	122	31-8410A	\$1,531	31-8410AM	\$1,842	H31-8410A	\$1,947	T31-8410A	\$1,701
	84"H x 37"W x 12-1/2"D, Initial	164	31-8412	\$1,887	31-8412M	\$2,427	H31-8412	\$2,410	T31-8412	\$2,003
	84"H x 36"W x 12-1/2"D, Adder	127	31-8412A	\$1,531	31-8412AM	\$2,041	H31-8412A	\$1,947	T31-8412A	\$1,701

84" high single sided shelving unit includes top, toe plate, one bottom and five adjustable shelves.



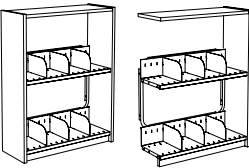
90" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	90"H x 37"W x 10-1/2"D, Initial	176	31-9010	\$2,035	31-9010M	\$2,371	H31-9010	\$2,598	T31-9010	\$2,159
	90"H x 36"W x 10-1/2"D, Adder	139	31-9010A	\$1,506	31-9010AM	\$2,018	H31-9010A	\$2,388	T31-9010A	\$2,088
	90"H x 37"W x 12-1/2"D, Initial	186	31-9012	\$2,035	31-9012M	\$2,668	H31-9012	\$2,598	T31-9012	\$2,159
	90"H x 36"W x 12-1/2"D, Adder	144	31-9012A	\$1,656	31-9012AM	\$2,215	H31-9012A	\$2,410	T31-9012A	\$2,088

90" high single sided shelving unit includes top, toe plate, one bottom and six adjustable shelves.



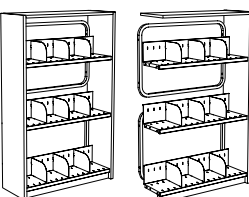
Single Faced Picture Book Display Units			Oak Veneer				High-Pressure Laminate		Melamine	
42" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	42"H x 37"W x 10-1/2"D, Initial	110	31-4210P	\$1,271	31-4210PM	\$1,035	H31-4210P	\$1,477	T31-4210P	\$1,278
	42"H x 36"W x 10-1/2"D, Adder	96	31-4210PA	\$1,102	31-4210PAM	\$856	H31-4210PA	\$1,247	T31-4210PA	\$1,139
	42"H x 37"W x 12-1/2"D, Initial	121	31-4212P	\$1,331	31-4212PM	\$1,105	H31-4212P	\$1,477	T31-4212P	\$1,278
	42"H x 36"W x 12-1/2"D, Adder	105	31-4212PA	\$1,145	31-4212PAM	\$917	H31-4212PA	\$1,247	T31-4212PA	\$1,139

42" high single sided picture book shelf unit includes a top, toe plate, one bottom and one adjustable shelf.



48" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	48"H x 37"W x 10-1/2"D, Initial	112	31-4810P	\$1,337	31-4810PM	\$1,161	H31-4810P	\$1,477	T31-4810P	\$1,278
	48"H x 36"W x 10-1/2"D, Adder	98	31-4810PA	\$1,158	31-4810PAM	\$982	H31-4810PA	\$1,247	T31-4810PA	\$1,139
	48"H x 37"W x 12-1/2"D, Initial	123	31-4812P	\$1,400	31-4812PM	\$1,404	H31-4812P	\$1,477	T31-4812P	\$1,278
	48"H x 36"W x 12-1/2"D, Adder	107	31-4812PA	\$1,202	31-4812PAM	\$1,175	H31-4812PA	\$1,247	T31-4812PA	\$1,139

48" high single sided picture book shelf unit includes a top, toe plate one bottom and one adjustable shelf.

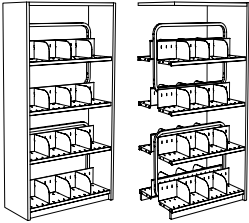


60" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	60"H x 37"W x 10-1/2"D, Initial	140	31-6010P	\$1,729	31-6010PM	\$1,278	H31-6010P	\$2,167	T31-6010P	\$1,844
	60"H x 36"W x 10-1/2"D, Adder	116	31-6010PA	\$1,497	31-6010PAM	\$1,077	H31-6010PA	\$1,753	T31-6010PA	\$1,547
	60"H x 37"W x 12-1/2"D, Initial	151	31-6012P	\$1,753	31-6012PM	\$1,404	H31-6012P	\$2,246	T31-6012P	\$1,913
	60"H x 36"W x 12-1/2"D, Adder	124	31-6012PA	\$1,524	31-6012PAM	\$1,175	H31-6012PA	\$1,969	T31-6012PA	\$1,741

60" high single sided picture book shelf unit includes a top, toe plate one bottom and two adjustable shelves.

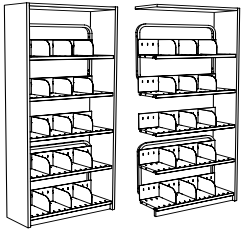
# 31 SERIES

## Shelving



72" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	72"H x 37"W x 10-1/2"D, Initial	158	31-7210P	\$2,007	31-7210PM	\$1,343	H31-7210P	\$2,492	T31-7210P	\$2,131
	72"H x 36"W x 10-1/2"D, Adder	130	31-7210PA	\$1,755	31-7210PAM	\$1,131	H31-7210PA	\$2,192	T31-7210PA	\$1,951
	72"H x 37"W x 12-1/2"D, Initial	172	31-7212P	\$2,084	31-7212PM	\$1,476	H31-7212P	\$2,781	T31-7212P	\$2,377
	72"H x 36"W x 12-1/2"D, Adder	140	31-7212PA	\$1,796	31-7212PAM	\$1,234	H31-7212PA	\$2,425	T31-7212PA	\$2,155

72" high single sided picture book shelf unit includes a top, toe plate, one bottom and three adjustable shelves.

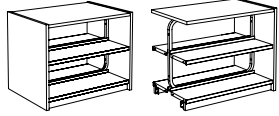


84" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	84"H x 37"W x 10-1/2"D, Initial	182	31-8410P	\$2,102	31-8410PM	\$1,801	H31-8410P	\$2,841	T31-8410P	\$2,363
	84"H x 36"W x 10-1/2"D, Adder	150	31-8410PA	\$1,849	31-8410PAM	\$1,523	H31-8410PA	\$2,429	T31-8410PA	\$2,121
	84"H x 37"W x 12-1/2"D, Initial	199	31-8412P	\$2,227	31-8412PM	\$1,915	H31-8412P	\$2,841	T31-8412P	\$2,363
	84"H x 36"W x 12-1/2"D, Adder	162	31-8412PA	\$1,908	31-8412PAM	\$1,651	H31-8412PA	\$2,429	T31-8412PA	\$2,121

84" high single sided picture book shelf unit includes a top, toe plate, one bottom and three adjustable shelves.

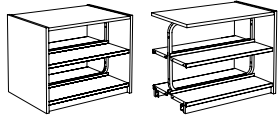
# 31 SERIES

## Shelving



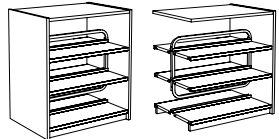
Double Faced Standard Units			Oak Veneer		Maple Veneer		High-Pressure Laminate		Melamine	
30" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	30"H x 37"W x 20"D, Initial	124	31-3020	\$1,475	31-3020M	\$1,764	H31-3020	\$1,891	T31-3020	\$1,614
	30"H x 36"W x 20"D, Adder	102	31-3020A	\$1,213	31-3020AM	\$1,448	H31-3020A	\$1,633	T31-3020A	\$1,443
	30"H x 37"W x 24"D, Initial	148	31-3024	\$1,614	31-3024M	\$1,930	H31-3024	\$1,891	T31-3024	\$1,614
	30"H x 36"W x 24"D, Adder	123	31-3024A	\$1,323	31-3024AM	\$1,579	H31-3024A	\$1,633	T31-3024A	\$1,443

*30" high double sided shelving unit includes top, two toe plates, two bottom and two adjustable shelves.*



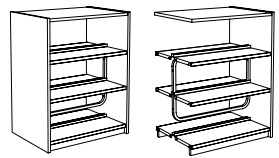
36" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	36"H x 37"W x 20"D, Initial	142	31-3620	\$1,697	31-3620M	\$1,947	H31-3620	\$1,991	T31-3620	\$1,709
	36"H x 36"W x 20"D, Adder	116	31-3620A	\$1,325	31-3620AM	\$1,556	H31-3620A	\$1,674	T31-3620A	\$1,507
	36"H x 37"W x 20"D, Initial Mobile	154	31-3620-MOB	\$1,992	31-3620M-MOB	\$2,298	H31-3620-MOB	\$2,301	T31-3620-MOB	\$2,019
	36"H x 36"W x 20"D, Adder Mobile	128	31-3620A-MOB	\$1,617	31-3620AM-MOB	\$1,870	H31-3620A-MOB	\$1,985	T31-3620A-MOB	\$1,816
	36"H x 37"W x 24"D, Initial	160	31-3624	\$1,853	31-3624M	\$2,496	H31-3624	\$1,991	T31-3624	\$1,709
	36"H x 36"W x 24"D, Adder	130	31-3624A	\$1,440	31-3624AM	\$1,861	H31-3624A	\$1,674	T31-3624A	\$1,507
	36"H x 37"W x 24"D, Initial Mobile	172	31-3624-MOB	\$2,333	31-3624M-MOB	\$2,854	H31-3624-MOB	\$2,301	T31-3624-MOB	\$2,019
	36"H x 36"W x 24"D, Adder Mobile	142	31-3624A-MOB	\$1,732	31-3624AM-MOB	\$2,001	H31-3624A-MOB	\$1,985	T31-3624A-MOB	\$1,816

*36" high double sided shelving unit includes top, two toe plates, two bottom and two adjustable shelves.*



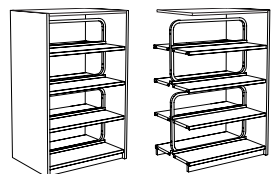
42" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	42"H x 37"W x 20"D, Initial	160	31-4220	\$1,917	31-4220M	\$2,295	H31-4220	\$2,089	T31-4220	\$1,807
	42"H x 36"W x 20"D, Adder	129	31-4220A	\$1,432	31-4220AM	\$1,712	H31-4220A	\$1,717	T31-4220A	\$1,568
	42"H x 37"W x 20"D, Initial Mobile	172	31-4220-MOB	\$2,223	31-4220M-MOB	\$2,653	H31-4220-MOB	\$2,396	T31-4220-MOB	\$2,116
	42"H x 36"W x 20"D, Adder Mobile	141	31-4220A-MOB	\$1,685	31-4220AM-MOB	\$2,074	H31-4220A-MOB	\$2,026	T31-4220A-MOB	\$1,878
	42"H x 37"W x 24"D, Initial	172	31-4224	\$2,088	31-4224M	\$2,496	H31-4224	\$2,089	T31-4224	\$1,807
	42"H x 36"W x 24"D, Adder	137	31-4224A	\$1,555	31-4224AM	\$1,861	H31-4224A	\$1,717	T31-4224A	\$1,568
	42"H x 37"W x 24"D, Initial Mobile	184	31-4224-MOB	\$2,387	31-4224M-MOB	\$2,854	H31-4224-MOB	\$2,396	T31-4224-MOB	\$2,116
	42"H x 37"W x 24"D, Adder Mobile	149	31-4224A-MOB	\$1,811	31-4224AM-MOB	\$2,222	H31-4224A-MOB	\$2,026	T31-4224A-MOB	\$1,878

*42" high double sided shelving unit includes top, two toe plates, two bottom and four adjustable shelves.*



48" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	48"H x 37"W x 20"D, Initial	164	31-4820	\$2,016	31-4820M	\$2,412	H31-4820	\$2,089	T31-4820	\$1,807
	48"H x 36"W x 20"D, Adder	132	31-4820A	\$1,507	31-4820AM	\$1,799	H31-4820A	\$1,717	T31-4820A	\$1,568
	48"H x 37"W x 20"D, Initial Mobile	176	31-4820-MOB	\$2,316	31-4820M-MOB	\$2,770	H31-4820-MOB	\$2,396	T31-4820-MOB	\$2,116
	48"H x 36"W x 20"D, Adder Mobile	144	31-4820A-MOB	\$1,759	31-4820AM-MOB	\$2,130	H31-4820A-MOB	\$2,026	T31-4820A-MOB	\$1,878
	48"H x 37"W x 24"D, Initial	176	31-4824	\$2,193	31-4824M	\$2,623	H31-4824	\$2,089	T31-4824	\$1,807
	48"H x 36"W x 24"D, Adder	140	31-4824A	\$1,637	31-4824AM	\$1,956	H31-4824A	\$1,717	T31-4824A	\$1,568
	48"H x 37"W x 24"D, Initial Mobile	188	31-4824-MOB	\$2,492	31-4824M-MOB	\$2,979	H31-4824-MOB	\$2,396	T31-4824-MOB	\$2,116
	48"H x 36"W x 24"D, Adder Mobile	152	31-4824A-MOB	\$1,889	31-4824AM-MOB	\$2,321	H31-4824A-MOB	\$2,026	T31-4824A-MOB	\$1,878

*48" high double sided shelving unit includes top, two toe plates, two bottom and four adjustable shelves.*



60" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	60"H x 37"W x 20"D, Initial		31-6020	\$2,465	31-6020M	\$3,260	H31-6020	\$3,164	T31-6020	\$2,692
	60"H x 36"W x 20"D, Adder		31-6020A	\$1,964	31-6020AM	\$2,666	H31-6020A	\$2,645	T31-6020A	\$2,337
	60"H x 37"W x 24"D, Initial		31-6024	\$2,696	31-6024M	\$3,566	H31-6024	\$3,164	T31-6024	\$2,692
	60"H x 36"W x 24"D, Adder		31-6024A	\$2,198	31-6024AM	\$2,969	H31-6024A	\$2,645	T31-6024A	\$2,337

*60" high double sided shelving unit includes top, two toe plates, two bottom and six adjustable shelves.*

Prices and specifications subject to change without notice

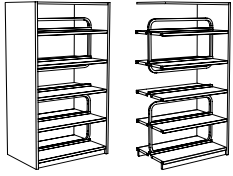
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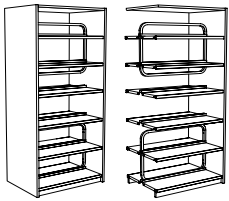
# 31 SERIES

## Shelving



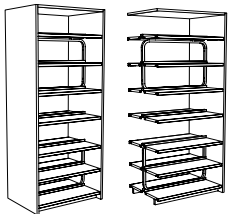
72" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	72"H x 37"W x 20"D, Initial	206	31-7220	\$2,777	31-7220M	\$3,636	H31-7220	\$3,778	T31-7220	\$3,239
	72"H x 36"W x 20"D, Adder	172	31-7220A	\$2,246	31-7220AM	\$2,998	H31-7220A	\$3,123	T31-7220A	\$2,778
	72"H x 37"W x 24"D, Initial	220	31-7224	\$3,099	31-7224M	\$4,049	H31-7224	\$3,778	T31-7224	\$3,239
	72"H x 36"W x 24"D, Adder	179	31-7224A	\$2,490	31-7224AM	\$3,321	H31-7224A	\$3,123	T31-7224A	\$2,778

72" high double sided shelving unit includes top, two toe plates, two bottom and eight adjustable shelves.



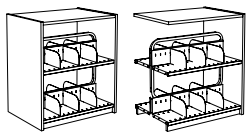
84" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	84"H x 37"W x 20"D, Initial	241	31-8420	\$3,016	31-8420M	\$3,926	H31-8420	\$4,538	T31-8420	\$3,770
	84"H x 36"W x 20"D, Adder	192	31-8420A	\$2,486	31-8420AM	\$3,283	H31-8420A	\$3,668	T31-8420A	\$3,203
	84"H x 37"W x 24"D, Initial	257	31-8424	\$3,413	31-8424M	\$4,424	H31-8424	\$4,538	T31-8424	\$3,770
	84"H x 36"W x 24"D, Adder	199	31-8424A	\$2,737	31-8424AM	\$3,616	H31-8424A	\$3,668	T31-8424A	\$3,203

84" high double sided shelving unit includes top, two toe plates, two bottom and ten adjustable shelves.



90" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	90"H x 37"W x 20"D, Initial	325	31-9020	\$3,219	31-9020M	\$4,164	H31-9020	\$4,846	T31-9020	\$4,025
	90"H x 36"W x 20"D, Adder	258	31-9020A	\$2,648	31-9020AM	\$3,483	H31-9020A	\$3,914	T31-9020A	\$3,420
	90"H x 37"W x 24"D, Initial	342	31-9024	\$3,644	31-9024M	\$4,704	H31-9024	\$4,846	T31-9024	\$4,025
	90"H x 36"W x 24"D, Adder	266	31-9024A	\$2,924	31-9024AM	\$3,836	H31-9024A	\$3,914	T31-9024A	\$3,420

90" high double sided shelving unit includes top, two toe plates, two bottom and ten adjustable shelves.



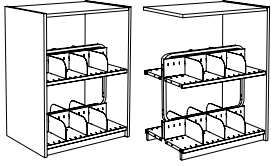
Double Faced Picture Book Display Units			Oak Veneer		Maple Veneer		High-Pressure Laminate		Melamine	
42" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	42"H x 37"W x 20"D, Initial	184	31-4220P	\$2,269	31-4220PM	\$2,712	H31-4220P	\$2,468	T31-4220P	\$2,136
	42"H x 36"W x 20"D, Adder	153	31-4220PA	\$1,792	31-4220PAM	\$2,143	H31-4220PA	\$2,148	T31-4220PA	\$1,962
	42"H x 37"W x 20"D, Initial Mobile	196	31-4220P-MOB	\$2,571	31-4220PM-MOB	\$3,074	H31-4220P-MOB	\$2,779	T31-4220P-MOB	\$2,443
	42"H x 36"W x 20"D, Adder Mobile	165	31-4220PA-MOB	\$2,047	31-4220PAM-MOB	\$2,504	H31-4220PA-MOB	\$2,456	T31-4220PA-MOB	\$2,274
	42"H x 37"W x 24"D, Initial	202	31-4224P	\$2,348	31-4224PM	\$2,812	H31-4224P	\$2,468	T31-4224P	\$2,136
	42"H x 36"W x 24"D, Adder	167	31-4224PA	\$1,831	31-4224PAM	\$2,191	H31-4224PA	\$2,148	T31-4224PA	\$1,962
	42"H x 37"W x 24"D, Initial Mobile	214	31-4224P-MOB	\$2,649	31-4224PM-MOB	\$3,173	H31-4224P-MOB	\$2,779	T31-4224P-MOB	\$2,445
	42"H x 36"W x 24"D, Adder Mobile	179	31-4224PA-MOB	\$2,088	31-4224PAM-MOB	\$2,551	H31-4224PA-MOB	\$2,456	T31-4224PA-MOB	\$2,274

42" high double sided picture book shelf unit includes top, two toe plates, two bottom and two adjustable shelves.



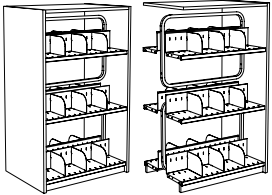
# 31 SERIES

## Shelving



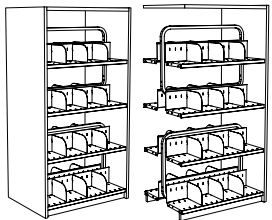
48" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	48"H x 37"W x 20"D, Initial	188	31-4820P	\$2,378	31-4820PM	\$2,847	H31-4820P	\$2,468	T31-4820P	\$2,136
	48"H x 36"W x 20"D, Adder	157	31-4820PA	\$1,883	31-4820PAM	\$2,251	H31-4820PA	\$2,148	T31-4820PA	\$1,962
	48"H x 37"W x 20"D, Initial Mobile	200	31-4820P-MOB	\$2,685	31-4820PM-MOB	\$3,211	H31-4820P-MOB	\$2,779	T31-4820P-MOB	\$2,443
	48"H x 36"W x 20"D, Adder Mobile	169	31-4820PA-MOB	\$2,685	31-4820PAM-MOB	\$2,613	H31-4820PA-MOB	\$2,456	T31-4820PA-MOB	\$2,274
	48"H x 37"W x 24"D, Initial	207	31-4824P	\$2,466	31-4824PM	\$2,950	H31-4824P	\$2,468	T31-4824P	\$2,136
	48"H x 36"W x 24"D, Adder	171	31-4824PA	\$1,926	31-4824PAM	\$2,302	H31-4824PA	\$2,148	T31-4824PA	\$1,962
	48"H x 37"W x 24"D, Mobile	219	31-4824P-MOB	\$2,771	31-4824PM-MOB	\$3,047	H31-4824P-MOB	\$2,779	T31-4824P-MOB	\$2,443
	48"H x 36"W x 24"D, Mobile	183	31-4824PA-MOB	\$2,178	31-4824PAM-MOB	\$2,666	H31-4824PA-MOB	\$2,456	T31-4824PA-MOB	\$2,274

48" high double sided picture book shelf unit includes top, two toe plates, two bottom and two adjustable shelves.



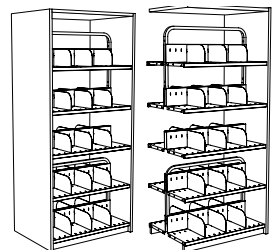
60" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	60"H x 37"W x 20"D, Initial	246	31-6020P	\$3,200	31-6020PM	\$3,588	H31-6020P	\$4,112	T31-6020P	\$3,500
	60"H x 36"W x 20"D, Adder	216	31-6020PA	\$2,718	31-6020PAM	\$3,064	H31-6020PA	\$3,663	T31-6020PA	\$3,233
	60"H x 37"W x 24"D, Initial	270	31-6024P	\$3,290	31-6024PM	\$4,276	H31-6024P	\$4,112	T31-6024P	\$3,500
	60"H x 36"W x 24"D, Adder	222	31-6024PA	\$2,801	31-6024PAM	\$3,692	H31-6024PA	\$3,663	T31-6024PA	\$3,233

60" high double sided picture book shelf unit includes top, two toe plates, two bottom and four adjustable shelves.



72" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	72"H x 37"W x 20"D, Initial	184	31-7220P	\$3,784	31-7220PM	\$4,842	H31-7220P	\$5,158	T31-7220P	\$4,418
	72"H x 36"W x 20"D, Adder	153	31-7220PA	\$3,269	31-7220PAM	\$4,222	H31-7220PA	\$4,548	T31-7220PA	\$4,043
	72"H x 37"W x 24"D, Initial	202	31-7224P	\$3,935	31-7224PM	\$5,046	H31-7224P	\$5,158	T31-7224P	\$4,418
	72"H x 36"W x 24"D, Adder	167	31-7224PA	\$3,343	31-7224PAM	\$3,191	H31-7224PA	\$4,548	T31-7224PA	\$4,043

72" high double sided picture book shelf unit includes top, two toe plates, two bottom and six adjustable shelves.



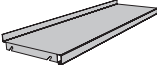
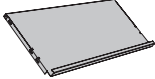
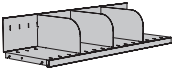

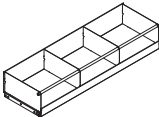

84" High	Description	Wgt.	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	84"H x 37"W x 20"D, Initial	188	31-8420P	\$3,995	31-8420PM	\$5,093	H31-8420P	\$6,012	T31-8420P	\$4,993
	84"H x 36"W x 20"D, Adder	157	31-8420PA	\$3,472	31-8420PAM	\$4,469	H31-8420PA	\$5,124	T31-8420PA	\$4,477
	84"H x 37"W x 24"D, Initial	207	31-8424P	\$4,193	31-8424PM	\$5,358	H31-8424P	\$6,012	T31-8424P	\$4,993
	84"H x 36"W x 24"D, Adder	171	31-8424PA	\$3,539	31-8424PAM	\$4,573	H31-8424PA	\$5,124	T31-8424PA	\$4,477

84" high double sided picture book shelf unit includes a top, two toe plates two bottom and eight adjustable shelves.



# 31 SERIES

## Shelving

31 Series Individual Adjustable Steel Shelves				
Bookcase	Model Number	Description	Wgt.	List Price
	SB321-10SH	10"D X 34-15/16"W Flat Steel Bookcase Shelf	9	\$149
	SB321-12SH	12"D X 34-15/16"W Flat Steel Bookcase Shelf	10	\$163
Magazine Display	Model Number	Description	Wgt.	List Price
	S21-12SH-MAG	Magazine, 12"D X 35"W	11	\$222
Picture Book	Model Number	Description	Wgt.	List Price
	S321-10SH-PB	10" 31, 21, 11 Series Steel Picture Book Shelf	16	\$306
	S321-12SH-PB	12" 31, 21, 11 Series Steel Picture Book Shelf	17	\$324
	S321-10SH-PB-DIV	10" 31, 21, 11 Series Steel Picture Book Divider	0.5	\$35
	S321-12SH-PB-DIV	12" 31, 21, 11 Series Steel Picture Book Divider	0.5	\$29
Browser Bins	Model Number	Description	Wgt.	List Price
	S321-12SH-BB	12" 31, 21, 11 Series Steel Browser Bins shelf		\$317
Sliding Book Support	Model Number	Description	Wgt.	List Price
	21-BS10	10"L x 4:H Sliding Book Support for standard steel shelves	0.5	\$41
Tops for 31-series Bookcases				
Top-Single Faced Unit	Model Number	Description	Wgt.	List Price
	31-STP10	10"D x 36"W		\$216
	31-STP12	12"D x 36"W		\$233
Top-Double Faced Unit	Model Number	Description	Wgt.	List Price
	31-DTP10	20"D x 36"W		\$306
	31-DTP12	24"D x 36"W		\$330
Optional leveling Glides	Model Number	Description	Wgt.	List Price
	31-LK	Set of 2 leveling glides		\$17
Wall Mounting Brackets for Single Faced Shelf Units	Model Number	Description	Wgt.	List Price
	31-SFMB	Set of 2 mounting brackets		\$50