

Choral Risers

Distributed by

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TransFold™

**GAS
SPRING
LIFT**

**15 Year
Limited
Warranty**



TransFold™ is ready to go wherever your choir performs. Built-in wheels make it easy to roll the TransFold™ unit from the classroom to the auditorium or up stairways and on to a bus or van. Upon arrival at the performance venue your TransFold™ risers set up in seconds so that they will be ready when you are. Midwest's exclusive, gas-spring assisted design allows the unit to open with moderate foot pressure, taking the strain out of set up. This also insures a safe, controlled motion when folding the unit for transportation and storage.

Fast, Easy Set-up



BUILT-IN MOBILITY



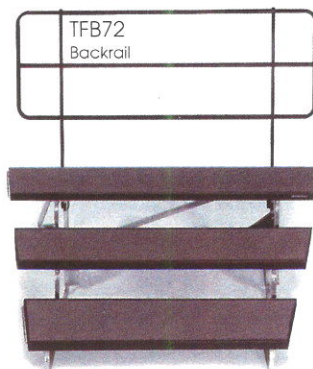
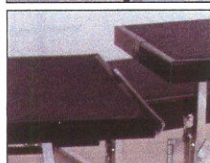
SIMPLE UNITIZED DESIGN



GAS-SPRING LIFT ASSIST

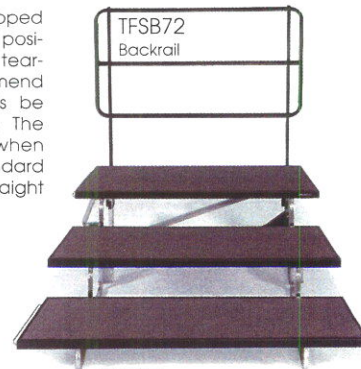
To fold the unit for transportation and storage, activate the upright lock release and gently push the unit horizontally. The gas spring cylinder assures a safe controlled motion.

Drop-in couplings securely connect all units to prevent accidental movement during the performance.



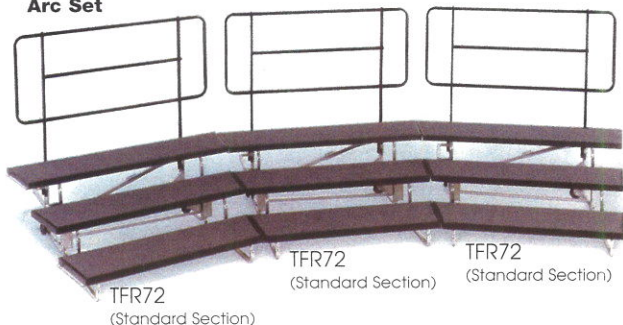
TFR72
Standard Section

TransFold™ units are equipped with wheels to allow easy positioning during set up and tear-down. We strongly recommend that the option backrails be used for added safety. The reverse single section when alternated with two standard sections will configure a straight riser set.

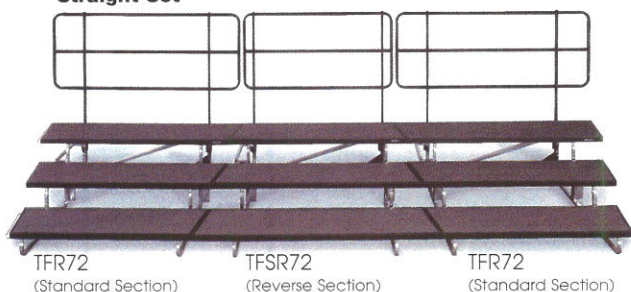


TFSR72
Reverse Section

Arc Set

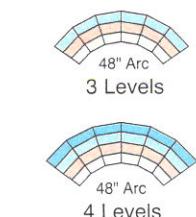
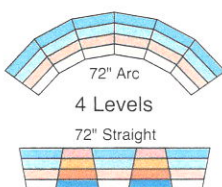
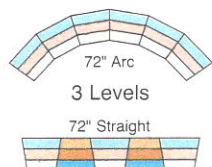


Straight Set



TransFold™ Risers and Accessories

Description	Size W x D x H	Wt. Lbs	Model No
72" TransFold™ unit	72"W x 55"D x 24"H	145	TFR72
72" Reverse TransFold™ unit	72"W x 55"D x 24"H	152	TFSR72
48" TransFold™ unit	48"W x 55"D x 24"H	116	TFR48
4th step add-on unit for TFR72	60"W x 18"D x 32"H	52	TFA72
4th step add-on unit for TFSR72	60"W x 18"D x 32"H	52	TFSA72
4th step add-on unit for TFR48	54"W x 18"D x 32"H	42	TFA48
Backrail for TFR72 or TFA72	70"W x 42"H	34	TFB72
Backrail for TFSR72 or TFSA72	54"W x 42"H	30	TFB72
Backrail for TFR48 or TFA48	46"W x 42"H	25	TFB48



72" Arc and Straight Set Dimensions and Capacities

Set Type	Dimensions Capacities	1 Section	2 Sections	3 Sections	4 Sections	5 Sections	6 Sections
3 Level Arc	Width x Depth	6'-0" x 4'-8"	11'-10" x 5'-5"	17'-5" x 6'-1"	22'-6" x 7'-6"	27'-0" x 8'-9"	30'-10" x 10'-9"
3 Level Straight	Width x Depth	6'-6" x 4'-8"	11'-9" x 4'-8"	17'-6" x 4'-8"	22'-9" x 4'-8"	28'-6" x 4'-8"	33'-9" x 4'-8"
Arc and Straight	Group Capacity	12 - 16	24 - 32	36 - 48	48 - 64	60 - 80	72 - 96
4 Level Arc	Width x Depth	6'-6" x 6'-2"	12'-10" x 7'-0"	18'-10" x 7'-7"	24'-5" x 9'-2"	29'-3" x 10'-4"	33'-5" x 12'-4"
4 Level Straight	Width x Depth	6'-6" x 6'-2"	12'-0" x 6'-2"	17'-6" x 6'-2"	23'-0" x 6'-2"	28'-6" x 6'-2"	34'-0" x 6'-2"
Arc and Straight	Group Capacity	16 - 21	32 - 42	48 - 63	64 - 84	80 - 105	96 - 126

48" Arc Set Dimensions and Capacities

Set Type	Dimensions Capacities	1 Section	2 Sections	3 Sections	4 Sections	5 Sections	6 Sections
3 Level Arc	Width x Depth	4'-0" x 4'-8"	7'-11" x 5'-1"	11'-7" x 5'-5"	15'-0" x 6'-3"	18'-0" x 6'-11"	20'-7" x 8'-0"
Arc	Group Capacity	8 - 12	16 - 24	24 - 36	32 - 48	40 - 60	48 - 72
4 Level Arc	Width x Depth	4'-6" x 6'-2"	8'-11" x 6'-8"	13'-1" x 7'-0"	16'-11" x 7'-10"	20'-3" x 8'-6"	23'-2" x 9'-8"
Arc	Group Capacity	11 - 16	25 - 36	36 - 52	47 - 68	58 - 84	69 - 100

Capacities include a row of singers on the floor. The capacity numbers shown above reflect the number of high school students that will fit standing shoulder to shoulder as well as the number that will fit if standing with shoulders overlapping.

Transfold™ Choral Risers

General

Risers shall consist of three, 18" deep steps with tapered ends, 8", 16" and 24" high that are permanently joined with hinged mechanisms that enable the unit to open and fold in a unitized manner. A fourth level, 32" high, add-on steps must be available. Each unit shall be equipped with integral wheels to facilitate transportation when folded and to allow easy positioning after the unit has been set up for use.

Frame

Risers shall be supported by zinc plated, tubular steel frames of 1" x 1" - 16 gauge steel. Individual frames shall be joined to hinges by grade five, 5/16" - 18 bolts and locking nuts. Knuckle style hinges are to be formed of 11-gauge steel.



Deck

Riser decks are to be constructed of 3/4" thick plywood, surfaced with polyolefin carpet. Decks are encased and supported by 1 13/16" high, channels of 16-gauge, powder-coated steel.

Hands-Free Gas-Spring Assist

Each unit shall be equipped with a gas-spring cylinder that provides sufficient lifting force to allow an adult of average size and weight to set up the unit by applying moderate foot pressure to the unit.

Automatic Safety Lock

Each unit shall be equipped with a spring actuated locking device that automatically engages upon set up to prevent the unit from folding while in use. As an added safety measure, a horizontal force of approximately 48 lbs. shall be required, while simultaneously operating the lock release, to begin folding the unit.

Drop-In Coupling

Units are to be furnished with zinc plated brackets, formed of 3/8" diameter round bar, that shall secure adjacent units together.

Optional Backrails

Guardrails shall be constructed of powder coated tubular steel and shall be equipped with integral clamp-on attachments for fast installation without tools.

DESCRIPTION	SIZE	MODEL	QUICK SHIP	WT	CUBES
72" TransFold unit - 3 levels 4th level add-on unit for TFR72	72W x 55L x 24H 78W x 18D32H	TFR72 TFA72	Charcoal/Blk	167 59	28.3 2.8
72" Reverse taper TransFold 4th level add-on for TFSR72	72W x 55L x 24H 60W x 18D32H	TFSR72 TFSA72		167 59	28.3 2.6
48" TransFold Unit - 3 levels 4th Level add-on unit for TFR48	48W x 55D x 24H 54W x 18D32H	TFR48 TFA48		137 49	20.3 1.9
Backrail for TFR72 or TFA72 Backrail for TFR48 or TFA48 Backrail for TFSR72 or TFSA72 Siderail (pair)	70W x 42H 46W x 42H 54W x 42H 52D x 55 1/2 L	TFB72 TFB48 TFSB72 TFS54	Black	42 32 37 39	3.8 2.4 2.9 3.8

All units are furnished with charcoal carpet deck with black deck frame and zinc plated understructure.

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