



TransFold™

CHORAL RISERS



**GAS
SPRING
LIFT**

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 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.



Built-In Mobility



Simple Unitized Design



Gas-Spring Lift Assist



TransFold™ Choral Risers



Model TFR72 Riser Unit with TFB72 Backrail

TransFold units are equipped with wheels to allow easy positioning during set up and teardown. We strongly recommend that the option backrails be used for added safety.



Model	Description	Dimensions	Wt.	Price
TFR72	72" TransFold unit	72"W x 55"D x 24"H	130	
TFR48	48" TransFold unit	48"W x 55"D x 24"H	101	
TFA72	4th step add-on unit for TFR72	78"W x 18"D x 32"H	56	
TFA48	4th step add-on unit for TFR48	54"W x 18"D x 32"H	32	
TFB72	Backrail for TFR72 or TFA72	70"W x 42"H	30	
TFB48	Backrail for TFR48 or TFA48	46"W x 42"H	23	

Colors: Charcoal gray carpet with black frame and zinc plated legs is standard. Other colors are available at additional cost.

Specifications

General

Risers shall consist of three, 18" deep steps with tapered ends, 8", 16" and 24" high that are permanently joined with hinged mechanisms to enable the unit to open and fold in a unitized manner. A fourth level, 32" high, add-on step may be added if desired. 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 tubular steel frames of 1" x 1"- 16 gauge, zinc plated steel. Individual frame sections shall be joined with 11- gauge, knuckle type hinges, secured with grade five, 5/16" bolts and locking nuts.

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 opening 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, drop-in couplings, formed of 3/8" diameter round bar. Couplings shall provide a suitable handle for lifting and transporting the folded unit.

Optional Backrails

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

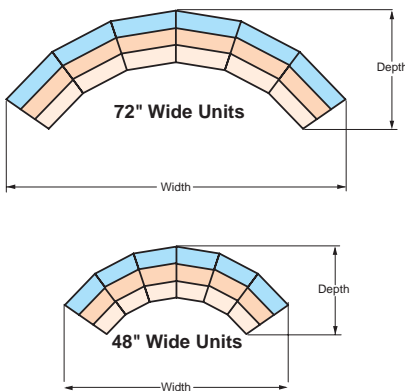


Drop-in couplings securely connect all units to prevent accidental movement during the performance.



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.

Patent Pending



Riser Dimensions and Capacities

Unit Type	Dimensions Capacities	1 Section	2 Sections	3 Sections	4 Sections	5 Sections	6 Sections
72" Wide 3 Levels	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"
	Group Capacity	12-16	24-32	36-48	48-64	60-80	72-96
78" Wide 4 Levels	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"
	Group Capacity	16-21	32-42	48-63	64-84	80-105	96-126
48" Wide 3 Levels	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"
	Group Capacity	8-12	16-24	24-36	32-48	40-60	48-72
54" Wide 4 Levels	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"
	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.

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