

Unsurpassed Engineering Expertise In High-Row Telescopic Seating Systems

Over 20 Rows

When your project calls for seating systems of 20 rows or more, special expertise is required—No other company has more experience in this area than the industry leader, Interkal. High-row bleachers require heavier gauge materials, extra sway bracing and overall, a greater understanding from the engineering perspective. Our bleachers far exceed industry standards in every respect, so when you specify Interkal, rest assured you're choosing the best telescopic seating system available.

From the ground up...

The Interkal understructure is designed for maximum load bearing capacity and minimum deflection. It is constructed from the strongest and most durable materials in the industry for dependable performance you can count on for years to come. Because this understructure is designed with few moving parts, trouble-free operation is assured.

Here are a few of the many reasons Interkal bleachers are superior...

1
Double 2"x3" Welded
Vertical Columns

2
Progressive
Tubular Braces

3
Auxillary
Sway Braces

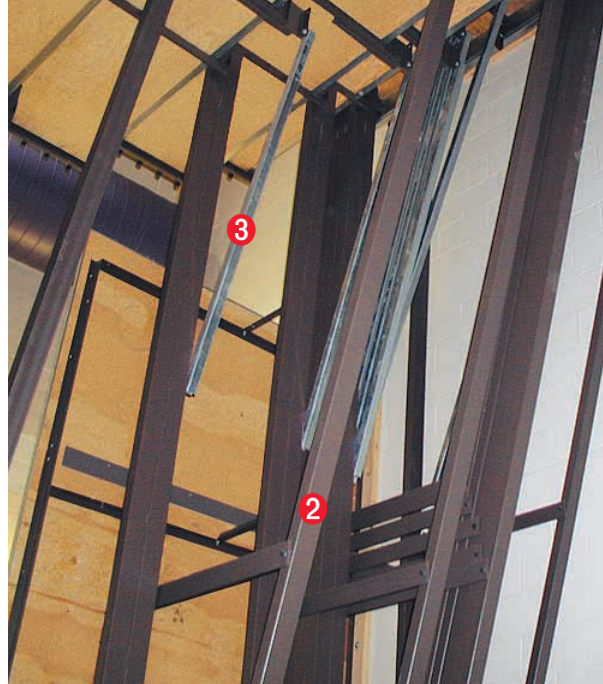
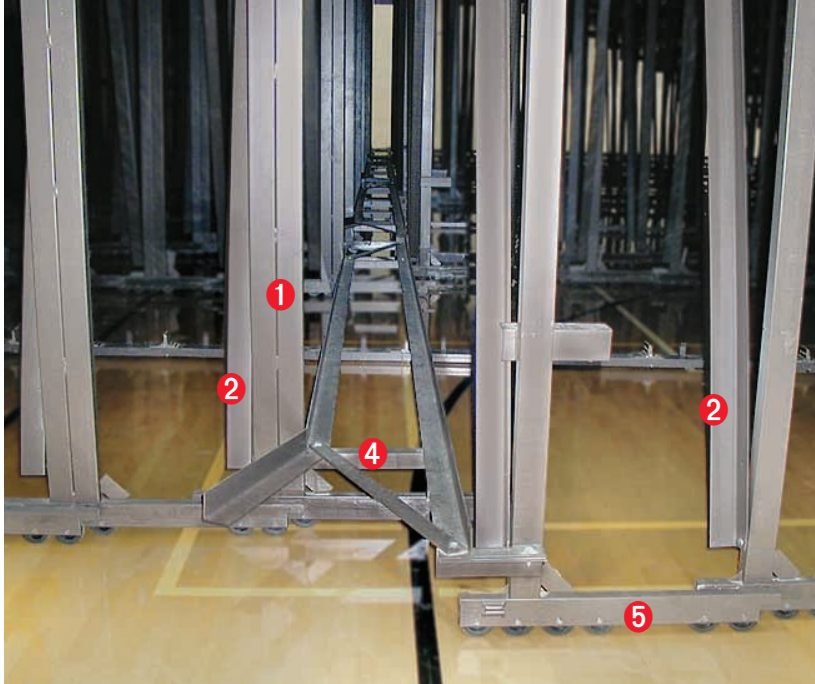
4
High-Row
Transition

5
6 Wheels
At Every Post

6
Rollers On Every
Deck Support



Interkal
Spectator Seating World Wide



The Interkal Engineering Advantage:

1 Double 2" x 3" Welded Vertical Columns.

Electric-welded continuous 2" x 3" closed seam, rectangular structural steel tubing produces the strongest and safest vertical columns. On rows 1-20, Interkal increases post thickness depending on row height and load bearing requirements. Starting at row 21, vertical columns are doubled for the greater stability essential to create a solid-feel.

2 Progressive Tubular Sway Braces. All Interkal seating systems are stabilized by sway braces attached to the vertical columns and steel risers for maximum strength and resistance to movement. The type of sway brace progresses from C-shape to angle iron, and at row 17, to 2" x 4" tubular for superior structural integrity.

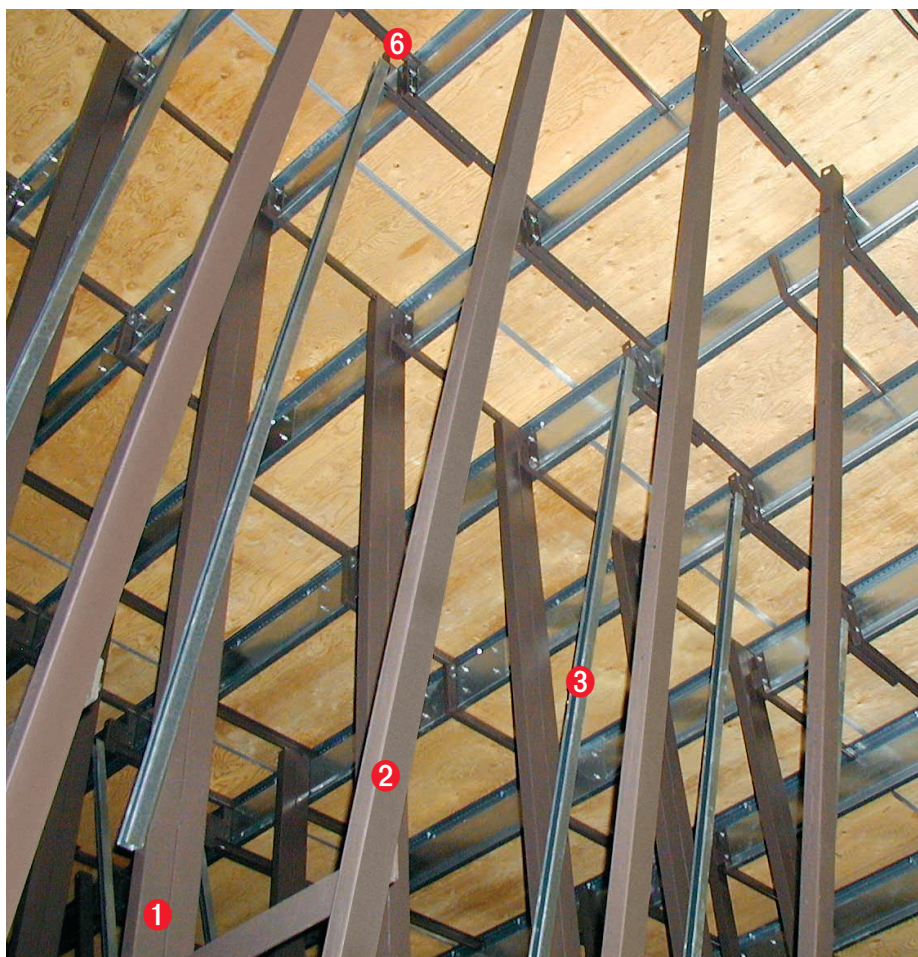
3 Auxillary Sway Braces. Starting at row 21, Interkal engineers add auxillary sway braces on the upper portion of the vertical columns to further resist the compression and tension forces created when the bleachers are loaded.

4 High-row Transition. To step upper row vertical columns back into optimum location, Interkal developed a specialized structural truss row transition.

5 6 Wheels at Every Vertical Column for maximum weight distribution and operating ease. Wheel channels are precision formed from a single piece of steel coil for maximum rigidity. Heavy duty composition rubber wheels are provided for increased distribution of loads to the floor. In each wheel a 1/2" diameter steel axle is secured by a tamper-proof retaining ring. Wheels are equipped with oil impregnated sintered metal bearings to assure smooth operation.



6 Rollers on Every Deck Support. Nylon rollers at the top of every deck support minimize friction for smoother, quieter operation and enhanced deck stability. Interkal provides a minimum of 7 deck supports per structural section. This totally eliminates steel to steel contact which hinders the operation of the bleacher.



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