

PERFORMANCE SPECIFICATION — CSI 12 66 23

MXP[®] Telescopic Platform

Built for the bowl. Engineered for the renovation.

MANUFACTURER

Hussey Seating Co.
Est. 1835

CSI SECTION

12 66 23
Telescopic chair
platforms

SECTION WIDTH

up to 20'-0"
renovation-grade

WARRANTY

5-year
from acceptance

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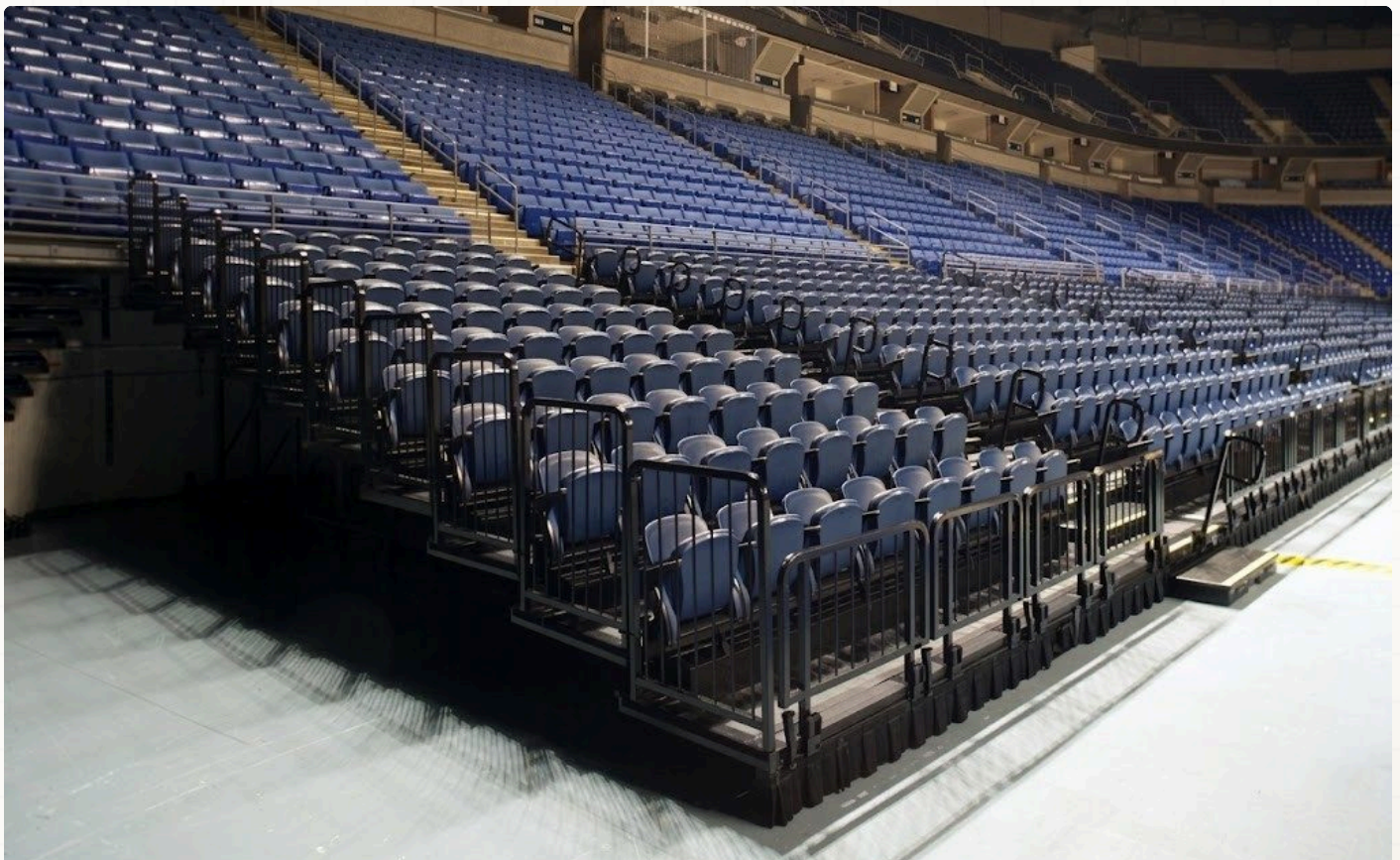


PRO-ARENA · RENOVATION-GRADE

The platform behind **Scotiabank Arena (Toronto), United Center (Chicago), Bridgestone Arena (Nashville), Honda Center, and the Penn State Bryce Jordan Center** — eight engineering generations in.

Hussey Seating Company's premium soft-start steerable system, in continuous production for 40 years. Wall-attached indoor installations are covered by **ICC-ES Evaluation Report ESR-5033** — the first and only ICC-ES Evaluation Report in the telescopic seating industry.

More than 80 % of MXP installations are renovations. The product is engineered to drop into occupied facilities, interface with existing structural elements and floor anchors, and phase around an active operating schedule. When a venue tells TaLedi *"we cannot close for the install,"* MXP is usually the answer.



IMG-MXP-02

Venues MXP is built for

VENUE TIER	WHY IT FITS	RECOMMENDED SEATING
Professional sports arenas	Renovation-grade interface; 20' section widths; zero-offset closed footprint	Quantum · Forte · Quattro nose-mount
Collegiate & university arenas	Multi-use turnover with Lift-Assist; barrier-free distribution via reverse-fold or end cutouts	Metro Lift-Assist · Quattro nose-mount
Convention centres & large performing-arts halls	Tapered geometry to 22.5°; row spacing to 39¼" (1 000 mm); quiet operation	Quattro nose-mount · Forte

The understructure — vertical tubes, interlocks, steerable drive

F - 01

Six-inch vertical tube columns

The largest-section vertical in the Hussey telescopic line, delivering the **"concrete-like" stability** pro-arena and broadcast venues specify by feel.

F - 02

Fully captive upper and lower interlocks

Each row mechanically tied to the rows above and below; lower interlock geometry permits **zero-offset between rows** — the tightest closed footprint in the line.

F - 03

Steerable soft-start power drive

The most operator control of any telescopic platform on the market. One operator steers a long bank into alignment without jerking motion. Up to **14 chairs** raise or lower per cycle on Metro Lift-Assist or Quattro forward-fold.

F - 04

Adjustable cantilevers & tubular knee bracing

Load travels through structural tubes, not the deck connection — foundation of MXP's **quiet-operation reputation** in performing-arts and broadcast use.

Specifying a bank — mounting, operation, drive

MOUNTING	OPERATION	DRIVE
Wall-attached · Recessed · Freestanding · Portable	Steerable power · Manual · Integral hydraulic dolly (portable)	Steerable — frequency inverter, variable speed; UL-Canada listed

Geometry envelope. Section widths **7'-6" to 20'-0"** (2 290–6 100 mm), row spacing **32" to 39¼"** (813–1 000 mm) in 1" increments, custom rise **4" to 24"** (102–610 mm), tapered sections to **22.5°**. Engineer-to-Order ranges outside the standard band engineered per project.

Floor tolerance. Level / plumb within ⅛" (3 mm) in 8 ft (2.4 m). Hydraulic integral dolly on portable sections — six pumps of the handle to move the unit, no electrical service required.

MODE	HOW IT WORKS	RIGHT FOR
Manual	Quattro forward-fold rows manually unlocked, gas-strut assisted.	Lower-volume turnover, smaller crews.
Lift-Assist	Tool-actuated from the aisle; up to 14 chairs raise per cycle on Metro Lift-Assist or Quattro forward-fold.	Pro arenas, collegiate, broadcast.

CROSS-PLATFORM STANDARDIZATION

Metro, Quantum, and Forte run on both MAXAM+ and MXP — a facility with both platforms can specify a single chair family across the gym and the arena bowl.

Compatible chairs and benches

OPTION	WHAT IT IS
Metro Polymer <i>(primary)</i>	Beam-mounted retractable polymer; 10" (254 mm) minimum rise — the most-specified MXP chair.
Metro Upholstered	Same beam-mount geometry with full upholstery — premium sideline and club-tier rows.
Quattro nose-mount	Auditorium-quality chair; Gen 4 minimum rise 8" (203 mm).
Quattro forward-fold	Auditorium-quality, gas-strut assisted; minimum rise 14½" (368 mm).
Quantum	Beam-mount workhorse from the Hussey +Camatic line. Three back shapes; cross-platform with MAXAM+.
Forte	Beam-mount premium from the Hussey +Camatic line. Club-tier upholstered with snap-in / snap-out cushions; cross-platform with MAXAM+.

Options and configurable trims

Aisle & rail

Front steps · self-storing or removable end rails · aisle hand rails.

Decking

1" aluminum with perpendicular serrations · polyvinyl-over-plywood.

Transport (portable sections)

Integral hydraulic dollies · portable dollies · fork tubes.

Identification & branding

Custom fascia colour · custom rail colour · branded end closures.

Renovation interface

Phased / zero-downtime sequencing · interface with existing anchors · legacy-platform removal.

Engineer-to-Order

Row spacing ranges outside the standard band · tapered geometry · custom rise. Factory engineering review is part of the standard MXP workflow.

ICC 300 · ICC-ES ESR-5033 (wall-attached, indoor) · NFPA 102 · CWB W47.1 Div 3 · UL Canada (drive) · CSA B651 + BCBC 2024 §3.8 / NBC 2020 §3.8 (Canadian barrier-free) · BCBC 2024 / NBC 2020 §4.1.5 Group A Assembly structural live-load. Eligible under **Canoe Procurement Group #081523-HSC**.

SEISMIC NOTE

Seismic-zone installations require registered **P.Eng design** — outside the ESR-5033 scope. **TaLedi flags at submittal** so the project carries the right structural documentation from day one.

Warranty & Service · backed for the long term

5 years from Date of Acceptance — structure, parts, freight, and labour. **Design service life: 25+ years** with proper maintenance. **Service administered locally by TaLedi** — a failed wheel is a service call, not a bank replacement. Bolted connections at specific locations simplify field repair.

Submittal

Full submittal package — ESR-5033, registered P.Eng documentation for seismic projects, shop drawings, welding and UL listings, renovation-interface details — lives in the formal **MXP Performance Specification** filed under **CSI Section 12 66 23**. Available on request from TaLedi.

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AUTHORIZED DEALER

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Submittal package available on request — see CSI 12 66 23.