

DOCUMENT

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ISSUED

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For client review

PERFORMANCE SPECIFICATION — CSI 12 63 00

Fusion Stadium & Arena Seating

A premium stadium chair, engineered against rust. Cast-aluminum stanchions for indoor, outdoor, and coastal service.

MANUFACTURER

Hussey Seating Co.
Est. 1835

CSI SECTION

12 63 00
Spectator seating

STANCHION

Cast aluminum
AA-380, no galvanic
protection required

WARRANTY

Lifetime Limited
stanchions & cast
arms

SHEET INDEX · 04 SHEETS

01 Cover

Document control ·
product summary · meta-
grid

02 Overview

Stadium positioning ·
application profile

03 Chair

Materials ·
accessibility · colour ·
finish

04 Standards

Compliance · warranty ·
submittal · contact



TaLedi Distribution

Authorized Hussey Seating Company dealer
BC · Yukon · NWT · Nunavut



COVER

COASTAL · OUTDOOR · PREMIUM ARENA

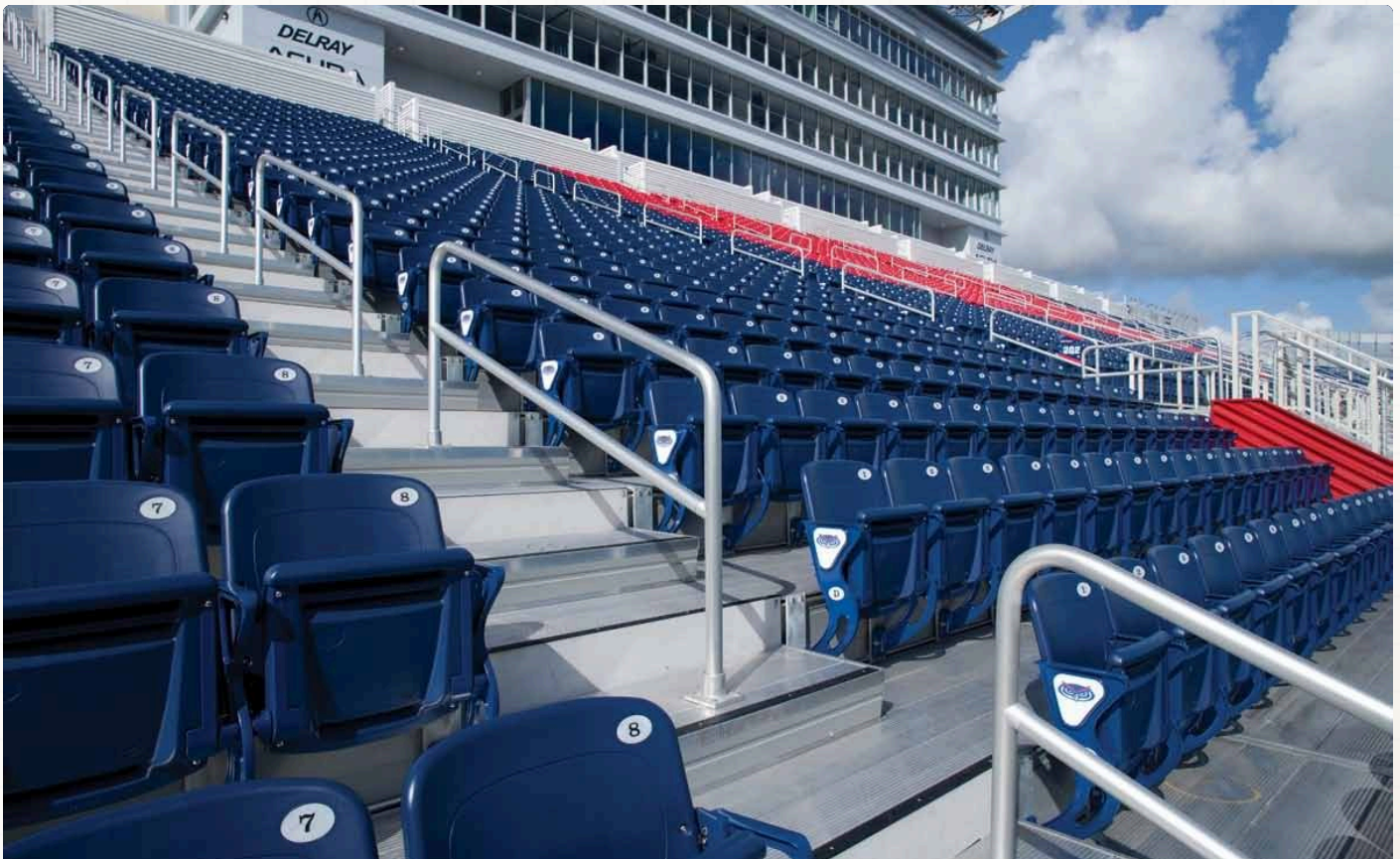
A premium stadium chair, engineered against rust — solid cast-aluminum stanchions and ductile cast-iron hinge arms for indoor, outdoor, and coastal service.

Aluminum is rust-proof even when scratched, so the stanchion does not depend on its powder coat for structural longevity, and **no galvanic protection is required** for installation on coastal or high-humidity sites. **Lifetime Limited warranty** on the cast-aluminum stanchions and cast seat-support arms.

Reference install: **Bank of NH Pavilion at Meadowbrook** — 2,336 new Fusion seats; install completed in **half the projected schedule**, restoring revenue weeks earlier.

COASTAL-SITE ENGINEERING

Cast aluminum AA-380 + cast iron hinge arms. Aluminum is rust-proof even when scratched — the stanchion does not depend on its powder coat for structural longevity. No galvanic protection required on coastal or high-humidity sites.



Venues Fusion is built for

VENUE TIER	RECOMMENDED CONFIGURATION	WHY IT FITS
Coastal / high-humidity stadium	Riser- or floor-mount, inorganic-pigment colour	Outdoor stadia within 5 km of saltwater — aluminum stanchions remove long-term rust risk
Premium amphitheatre	Fusion with marine-grade vinyl pads and cup holders	Outdoor amphitheatres, music venues, club seating
NHL / NCAA / pro-league arena	Custom-colour shells, recessed seat numbers, donor plaques	Premium indoor arenas with team-branding and wayfinding requirements
Civic / municipal stadium	Integral-cast logo end stanchions	Civic stadia, fairgrounds, municipal arenas where the warranty justifies the premium

Anchorage & chair structure

Fusion is a **fixed product** — riser-mounted on permanent concrete, wood, or steel risers, or floor-mounted on slab. Five seat-centre options: **18" / 19" / 20" / 21" / 22"** (457 / 483 / 508 / 533 / 559 mm).

Quattro fixed-seat upgrade available as a configuration option on Fusion stanchions — outdoor projects require the Quattro Extreme Seat.

— Stanchions

— cast aluminum AA-380, riser- or floor-mount, polished and powder-coated. **Hinge arms** — ductile cast iron, recessed under the seat, finish-matched.

— Seat & back

— double-wall blow-moulded polyethylene, ergonomically contoured. **Self-rising seat** — two independent dual-function torsion springs; permanently lubricated; concealed pivot.

Options & accessibility

Marine-grade vinyl pads

Optional seat and back pads — **individually field-replaceable** without removing the seat.

Cup holders

Back-mounted (Caddy Products) or arm-mount.

Identification & branding

Recessed seat numbers and row letters — etched aluminum or silk-screened Lexan · clamp-on cast-aluminum logo disks · end-panel logo plates · integral-cast logo end stanchions.

Cast-iron / cast-aluminum finish

Exterior polyester powder topcoat over sealing primer; **2H Pencil Hardness** and **1,500 hours Salt Spray**.

Accessibility — flip-up aisle armrest

Hinged armrest on aisle-end stanchion for easy side access.

Accessibility — armless aisle stanchion

Aisle-end stanchion supplied without armrest.

Accessibility — wheelchair accommodation

Skid-mounted companion chair · removable 1- / 2- / 3-chair modules on steel skid · in-fill deck for level floor access · Roll-A-Way mobile module on tubular-steel frame with casters.

LEED & environmental

Cast iron ~70 % recycled · cast aluminum ~45 % recycled · polymer 100 % post-consumer recycled · all components recyclable.

15 standard polymer colours; custom on request. Polymer meets **Delta E ≤ 5** colour-consistency standard across batches — critical for multi-phase installations and replacement orders.

For UV-exposed outdoor installations, specify inorganic-pigment colours (navy, dark red, dark green, black) for superior long-term colour retention; organic-pigment colours fade faster under sustained UV.

NFPA 102 · GREENGUARD indoor air quality · **CSA B651 + BCBC 2024 §3.8 / NBC 2020 §3.8** (Canadian barrier-free) · **CWB W47.1**. Eligible under **Canoe Procurement Group #081523-HSC**.

Backed for the long term

Lifetime Limited on cast-aluminum stanchions, cast seat-support arms, structural standards, seat-return springs, and the beam-and-bracket assembly — built for coastal and high-humidity sites. **5 Years** on assembly hardware, self-rising seat, gravity-tilt seat, and polymer crazing. **3 Years** on seat / back assemblies and powder-coat finish. **1 Year** on polymer finish (5 Delta-E fade threshold). Labour included the first five years. Named on Hussey Seating Company's **Exterior Fixed Seating Collections warranty** (Mar 2025 Rev. 2). Marine-grade vinyl pads field-replaceable; monthly cleaning recommended within 5 km of saltwater. Hussey-approved installation required; **service administered locally by TaLedi**.

Submittal

Full submittal package — material certificates, Lifetime Limited warranty document, GREENGUARD certificate, anchor-test evidence, shop drawings, maintenance plan — lives in the formal **Fusion Performance Specification** filed under **CSI Section 12 63 00**. Available on request from TaLedi.

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AUTHORIZED DEALER

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Project-specific dimensions and configurations are subject to site survey and engineering review.