

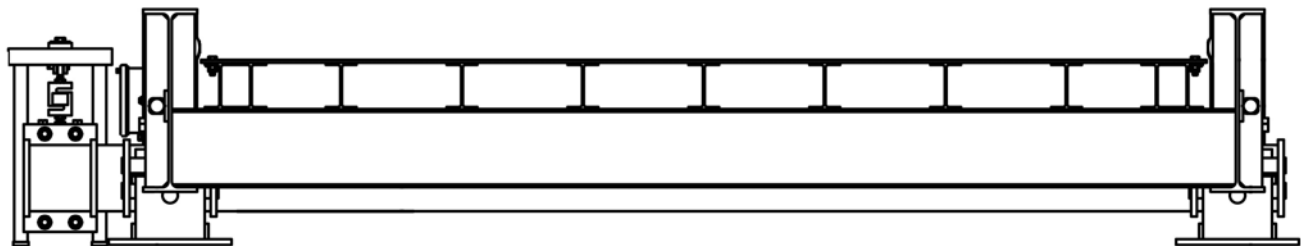
Side Rail - EMSD-SR



Electro-Mechanical Side Rail - Steel Deck

General Specifications

- Certificate of Conformance: 96-104A1
- Type: Above ground mechanical with integral side rails
- Scale Capacity: Up to 200,000 lbs.
- Concentrated Load Capacity: 70,000 lbs.
- Scale Height: 24"
- Available Widths: 10' - 12'
- Weighbridge Deck: 3/8" tread plate decking
Factory bolted decking for ease of replacement and scale cleanout
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy - 2 to 4 mil primer base coat
Two-part UV resistant Polyurethane - 2 to 4 mil top coat
- Load Cell: 5K S-Type load cell(s) with 50ft cable
Nickel plated steel, environmentally sealed
- Mechanical: Utilizes parallel link suspension with heavy duty pipe lever system. Lever arms and load cells are located outside main girder beams.
- Junction Box: NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: Transtector DPS-8T AC line transient protection device and scale grounding package
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
5-Year lever system warranty covering defects in materials and workmanship
1-Year load cell warranty covering defects in materials and workmanship
18-month pivots, bearings and suspension parts covering defects in materials and workmanship



Scale includes: weighbridge modules, weighbridge assembly hardware, load cell(s) with 50' cable, load cell stand(s), junction box, Transtector DPS-8T AC line surge suppression device, all grounding cables and ground rod(s), and (2) order specific scale / foundation prints.

Scale does not include: foundation anchor bolts (3/4" x 7"), wall or approach coping, end-wall bumper checking plates, shim plates, freight cost to site and any other required permits.