



BIG BERTHA
FESD-HD / ANALOG STEEL DECK
OFF-ROAD VEHICLE SCALE

OVER 95 YEARS OF COMBINED EXPERIENCE
MANUFACTURING INDUSTRIAL WEIGHING EQUIPMENT

B-TEK FEATURES AND SPECIFICATIONS

CERTIFICATE OF CONFORMANCE: 92-195A3

TYPE: Above ground heavy duty flat top and pit installation

SCALE CAPACITY: Up to 400,000 lbs.

CONCENTRATED LOAD CAPACITY: 120,000 & 150,000 lbs.

SCALE HEIGHT: 42" nominal

AVAILABLE WIDTHS:

10' - 16' Single piece weighbridge

14' - 18' Split platform weighbridge

WEIGHBRIDGE DECK:

120,000 lbs CLC: 3/8" tread plate decking bolted to weighbridge

150,000 lbs CLC: 1/2" tread plate decking bolted to weighbridge

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: 100K double ended shear beam—parallel link suspension system
Plated alloy steel with fully welded gauge covers (IP67)

LOAD CELL CABLE: Braided metal sheathed cable

JUNCTION BOX: NEMA 4X FRP enclosure(s) 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



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