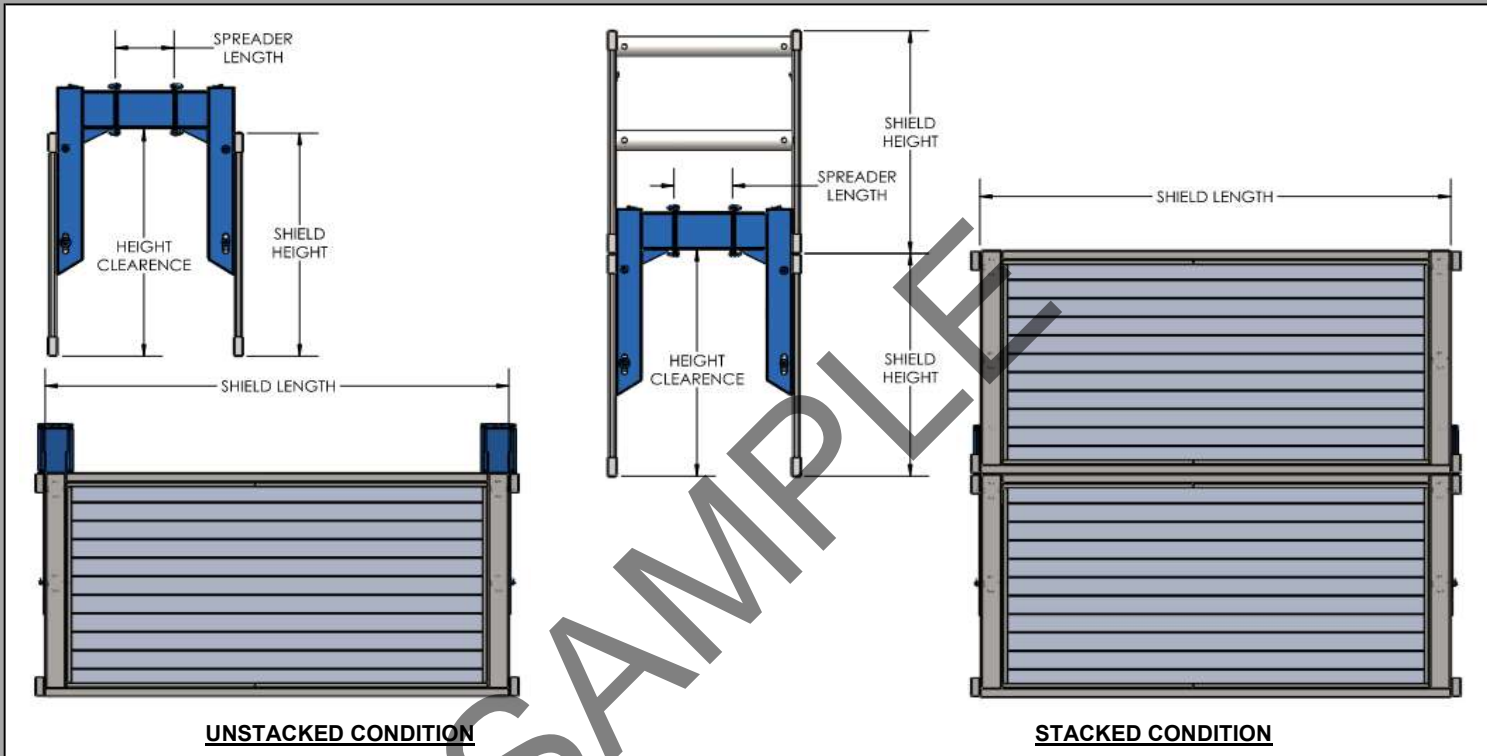


HIGH ARCH SPREADER TABULATED DATA

3810 Magnolia Pkwy
Pearland TX 77584

Model Number: 11.ACC-ARCH-ATS-BEAM-96-7C

Serial Number		PS2XXXX		Spreader Size		W16x67
Maximum Shield Height		8 FT		Spreader Yield Strength		Fy = 50 ksi
Maximum Shield Length		24 FT		Max Inside Width		12 FT
Min Clearance Height		96 IN		Weight		1565 LBS
SHIELD HEIGHT (FT)	SHIELD LENGTH (FT)	PSF	A-25 (FT)	B-45 (FT)	C-60 (FT)	C-80 (FT)
8	8	1185	30	25	19	14
8	10	948	30	19	15	11
8	12	790	29	16	12	9
8	16	593	21	12	9	-
8	20	474	16	9	-	-



NOTES & LIMITATIONS:

- 1) This document has been prepared and sealed by a Licensed Professional Engineer (P.E.), in accordance with OSHA 29 CFR Part 1926, Subpart P.
- 2) Where soils are sloped, the slope shall extend to not less than 18 in. below the top of the trench shield. The trench shield is not required to extend above the soil surface where soils are flat and level with the top of the shield. See shield tabulated data tables for allowable sloping requirements.
- 3) ATS high arch spreaders shall be used under the supervision and direction of a Competent Person as defined by CRF, Part 1926, Subpart P. Among other qualifications, the Competent Person shall be trained in the use of ATS high arch spreaders and have practical field experience with the use of shields, soil classification, and recognizing hazardous conditions.
- 4) ATS high arch spreaders are not intended to provide support or stability to adjacent buildings, structures, utilities, or foundations.
- 5) ATS high arch spreaders shall be used in strict compliance with all applicable OSHA requirements and the limitations outlined in this document.
- 6) ATS high arch spreaders shall be inspected by the Competent Person prior to each use to verify they are in serviceable condition and free from damage, deformation, or defects.
- 7) NO surcharge load is included in the maximum depth table. Surcharge loads are possible due to heavy equipment, vibrations, or stock piles adjacent to the trench. Adjacent is defined as within a horizontal distance equal to the depth of the excavation. IF surcharges are anticipated notify Manufacturer prior to entering excavation.
- 8) Competent person must ensure surcharge limits and equipment setbacks are maintained at all times, unless approved in writing by a P.E.
- 9) All spreaders shall be secured to sockets using pins or other mechanical connections approved by the manufacturer prior to use. Side loading or vertical loading of ATS high arch spreaders—including leaning plates or sheeting against spreaders—is prohibited unless approved in writing by the Manufacturer or a P.E.
- 10) Repairs, alterations, or modifications to ATS high arch spreaders—including changes to geometry, length, or capacity—are strictly prohibited unless approved in writing by a P.E.
- 11) ATS shields may be stacked two high provided neither shield nor ATS high arch tabulated data are exceeded.
- 12) ATS high arch tabulated data presented herein is applicable to ATS Shields with 4" collars.
- 13) Maximum depth rating is the greater of that listed above and that listed on the tabulated data sheet for the shield(s) used.

WARNING: USE OF SHIELDING OTHER THAN OUTLINED IN THIS DOCUMENT CAN CAUSE FAILURE, COLLAPSE, OR CAVE-INS, AND MAY RESULT IN SERIOUS INJURY OR DEATH.