

SPAN-X Beams

Telescoping aluminum beam design is adjustable for clear spans and deck support

The SPAN-X Beam consists of an aluminum box shape, with a telescoping I-beam that provides a range of adjustment. A single Camber Nut sets both the beam length and camber. The End Tabs support the beam and loads during construction.



SPAN-X Beams are available in four sizes with adjustment from 3'-4" to 19'-0" in length.

This HICO-style beam is designed as a self-spanning support. Once set to length, it can be positioned along the top of a concrete wall, shelf angle or stringer. The actual beam spacing is determined by the anticipated loads (see tables on following page).

The clear span provides more accessible work space in confined areas and reduces conflict with other trades, saving time compared to other shoring methods. SPAN-X Beams have been used for box culverts, water channels and other similar concrete deck support applications.

Span-X Beams			
Part No.	Description	Minimum Span	Maximum Span
SBSPAN46	SPAN-X 4-6 Aluminum Beam	3'-4"	6'-1"
SBSPAN610	SPAN-X 6-10 Aluminum Beam	6'-0"	10'-4"
SBSPAN915	SPAN-X 9-15 Aluminum Beam	8'-8"	15'-0"
SBSPAN1119	SPAN-X 11-19 Aluminum Beam	10'-8"	19'-0"

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Span-X 4-6 Beam Load Capacity

Slab (in)	Slab (lbs/ft ²)	Total* (lbs/ft ²)	Spacing									
			12"	16"	19.2"	24"	28"	32"	36"	40"	44"	48"
4"	50	100	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
5"	62	112	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
6"	75	125	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
8"	100	150	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
10"	125	175	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
12"	150	200	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
14"	175	225	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"
16"	200	25	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	--
18"	225	275	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	--	--
20"	25	300	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	--	--	--
22"	275	325	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	--	--	--	--
24"	300	350	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	6'-1"	--	--	--	--

Span-X 6-10, 9-15 and 11-19 Beam Load Capacity

Slab (in)	Slab (lbs/ft ²)	Total* (lbs/ft ²)	Spacing									
			12"	16"	19.2"	24"	28"	32"	36"	40"	44"	48"
4"	50	100	19'-0"	19'-0"	19'-0"	19'-0"	18'-0"	17'-0"	16'-0"	15'-0"	14'-6"	13'-9"
5"	62	112	19'-0"	19'-0"	19'-0"	18'-6"	17'-0"	16'-0"	15'-0"	14'-3"	13'-6"	13'-0"
6"	75	125	19'-0"	19'-0"	19'-0"	17'-6"	16'-0"	15'-0"	14'-3"	13'-6"	12'-9"	12'-0"
8"	100	150	19'-0"	19'-0"	17'-9"	16'-0"	14'-9"	13'-9"	13'-0"	12'-0"	10'-9"	10'-0"
10"	125	175	19'-0"	18'-0"	16'-6"	14'-9"	13'-9"	12'-9"	11'-3"	10'-3"	9'-3"	8'-6"
12"	150	200	19'-0"	17'-0"	15'-3"	13'-9"	12'-9"	11'-3"	10'-0"	9'-0"	8'-0"	7'-3"
14"	175	225	18'-6"	16'-0"	14'-6"	13'-0"	11'-3"	10'-0"	8'-9"	8'-0"	7'-3"	6'-6"
16"	200	250	17'-6"	15'-0"	13'-9"	12'-0"	10'-3"	9'-0"	8'-0"	7'-6"	6'-6"	--
18"	225	275	16'-6"	14'-6"	13'-0"	10'-9"	9'-3"	8'-0"	7'-3"	6'-6"	--	--
20"	25	300	16'-0"	13'-9"	12'-6"	10'-0"	8'-6"	7'-6"	6'-6"	--	--	--
22"	275	325	15'-3"	13'-3"	11'-6"	9'-0"	7'-9"	6'-9"	--	--	--	--
24"	300	350	14'-0"	12'-6"	10'-6"	8'-6"	7'-3"	6'-6"	--	--	--	--

* Total includes 50 lbs/ft² live load.
 Allowable Maximum Bending Moment does not exceed 9,600 ft-lbs. End Reaction is equal to 3,000 lbs.
 SafeWorking Load based on a safety factor of 2:1.
 Contact SureBuilt Engineering for conditions not noted in these tables.

