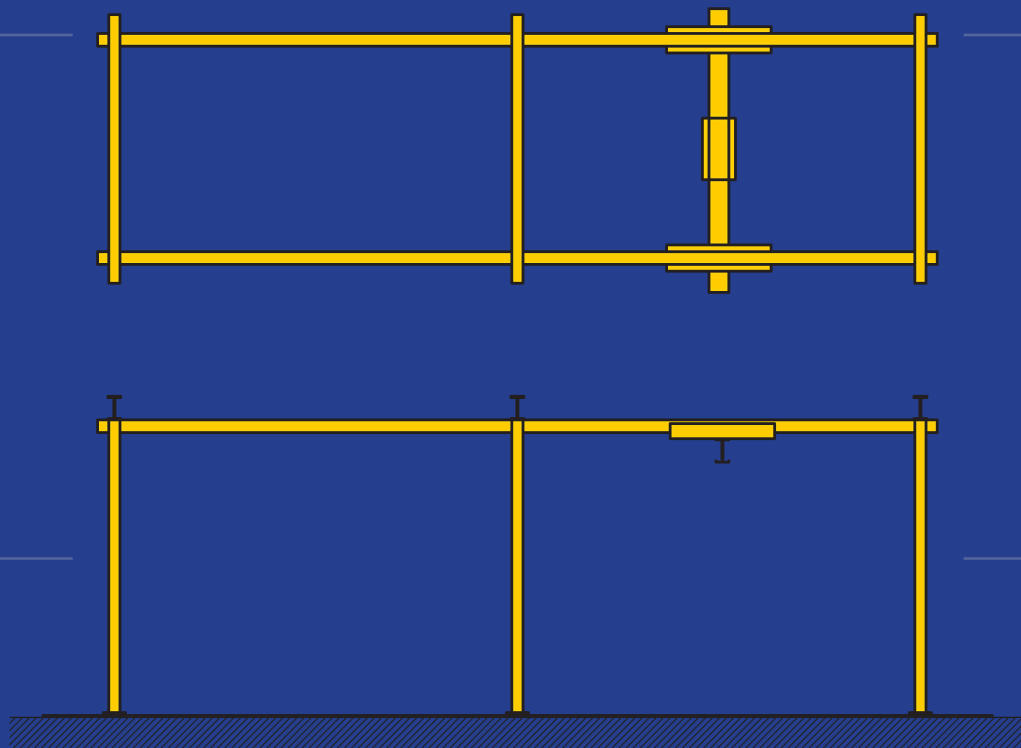


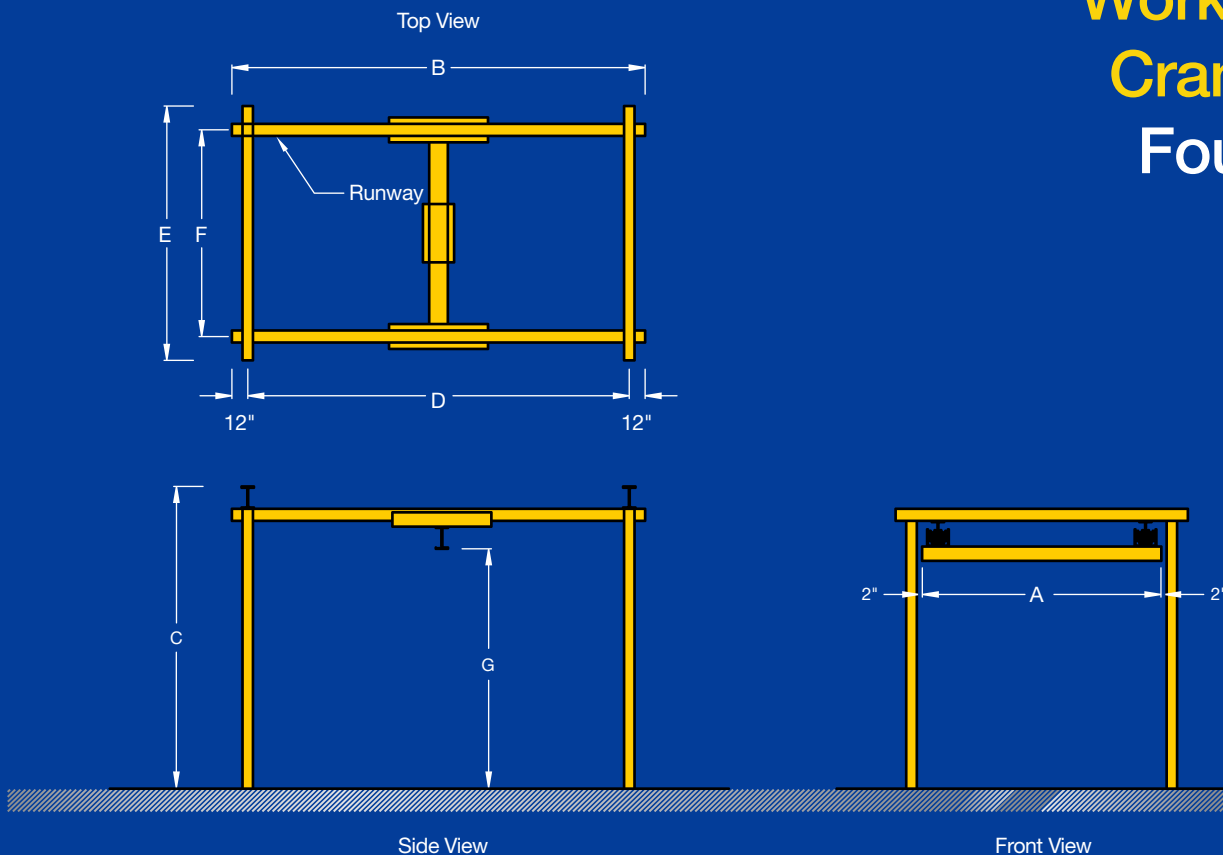


Work Station Cranes

Free Standing



Free Standing Work Station Cranes with Four Posts



Specifications

Model	Capacity [tons]	A	B	C	D	E	F	G
0.5TFSWSC10-20-10	1/2 Ton	10'	20'	12'-3"	18'	12'	8'	10'
0.5TFSWSC10-30-10	1/2 Ton	10'	30'	12'-7"	28'	12'	8'	10'
0.5TFSWSC15-20-10	1/2 Ton	15'	20'	12'-3"	18'	17'	13'	10'
0.5TFSWSC15-30-10	1/2 Ton	15'	30'	12'-7"	28'	17'	13'	10'
0.5TFSWSC20-20-10	1/2 Ton	20'	20'	12'-3"	18'	22'	18'	10'
0.5TFSWSC20-30-10	1/2 Ton	20'	30'	12'-7"	28'	22'	18'	10'
0.5TFSWSC10-20-12	1/2 Ton	10'	20'	14'-3"	18'	12'	8'	12'
0.5TFSWSC10-30-12	1/2 Ton	10'	30'	14'-7"	28'	12'	8'	12'
0.5TFSWSC15-20-12	1/2 Ton	15'	20'	14'-3"	18'	17'	13'	12'

*dimensions may be subject to change without notice

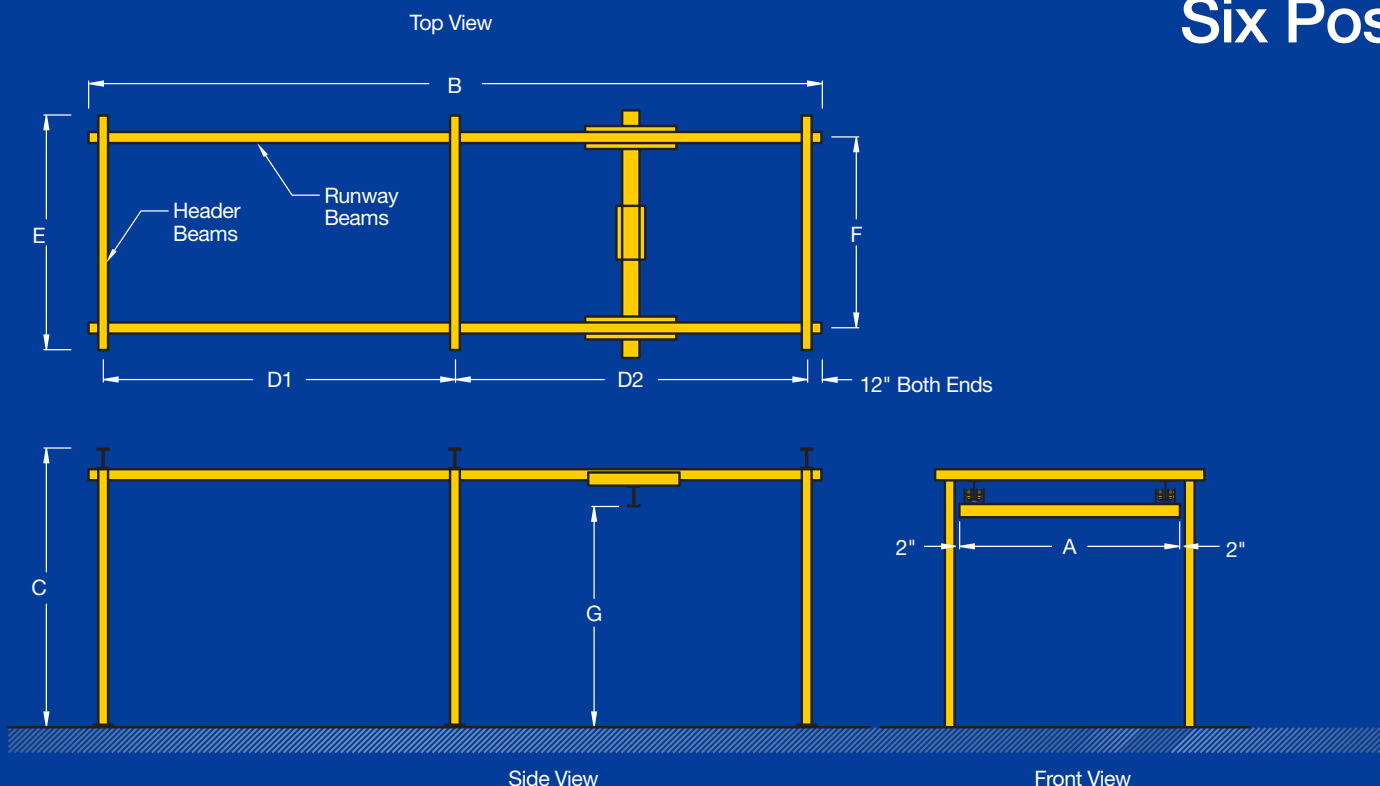
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Work Station Cranes **Free Standing**

Model	Capacity [tons]	A	B	C	D	E	F	G
0.5TFSWSC15-30-12	1/2 Ton	15'	30'	14'-7"	28'	17'	13'	12'
0.5TFSWSC20-20-12	1/2 Ton	20'	20'	14'-3"	18'	22'	18'	12'
0.5TFSWSC20-30-12	1/2 Ton	20'	30'	14'-7"	28'	22'	18'	12'
0.5TFSWSC10-20-14	1/2 Ton	10'	20'	16'-3"	18'	12'	8'	14'
0.5TFSWSC10-30-14	1/2 Ton	10'	30'	16'-7"	28'	12'	8'	14'
0.5TFSWSC15-20-14	1/2 Ton	15'	20'	16'-3"	18'	17'	13'	14'
0.5TFSWSC15-30-14	1/2 Ton	15'	30'	16'-7"	28'	17'	13'	14'
0.5TFSWSC20-20-14	1/2 Ton	20'	20'	16'-3"	18'	22'	18'	14'
0.5TFSWSC20-30-14	1/2 Ton	20'	30'	16'-7"	28'	22'	18'	14'
1TFSWSC10-20-10	1 Ton	10'	20'	12'-3"	18'	12'	8'	10'
1TFSWSC10-30-10	1 Ton	10'	30'	12'-7"	28'	12'	8'	10'
1TFSWSC15-20-10	1 Ton	15'	20'	12'-3"	18'	17'	13'	10'
1TFSWSC15-30-10	1 Ton	15'	30'	12'-7"	28'	17'	13'	10'
1TFSWSC20-20-10	1 Ton	20'	20'	12'-3"	18'	22'	18'	10'
1TFSWSC20-30-10	1 Ton	20'	30'	12'-7"	28'	22'	18'	10'
1TFSWSC10-20-12	1 Ton	10'	20'	14'-3"	18'	12'	8'	12'
1TFSWSC10-30-12	1 Ton	10'	30'	14'-7"	28'	12'	8'	12'
1TFSWSC15-20-12	1 Ton	15'	20'	14'-3"	18'	17'	13'	12'
1TFSWSC15-30-12	1 Ton	15'	30'	14'-7"	28'	17'	13'	12'
1TFSWSC20-20-12	1 Ton	20'	20'	14'-3"	18'	22'	18'	12'
1TFSWSC20-30-12	1 Ton	20'	30'	14'-7"	28'	22'	18'	12'
1TFSWSC10-20-14	1 Ton	10'	20'	16'-3"	18'	12'	8'	14'
1TFSWSC10-30-14	1 Ton	10'	30'	16'-7"	28'	12'	8'	14'
1TFSWSC15-20-14	1 Ton	15'	20'	16'-3"	18'	17'	13'	14'
1TFSWSC15-30-14	1 Ton	15'	30'	16'-7"	28'	17'	13'	14'
1TFSWSC20-20-14	1 Ton	20'	20'	16'-3"	18'	22'	18'	14'
1TFSWSC20-30-14	1 Ton	20'	30'	16'-7"	28'	22'	18'	14'
2TFSWSC10-20-10	2 Ton	10'	20'	12'-3"	18'	12'	8'	10'
2TFSWSC10-30-10	2 Ton	10'	30'	12'-7"	28'	12'	8'	10'
2TFSWSC15-20-10	2 Ton	15'	20'	12'-3"	18'	17'	13'	10'
2TFSWSC15-30-10	2 Ton	15'	30'	12'-7"	28'	17'	13'	10'
2TFSWSC20-20-10	2 Ton	20'	20'	12'-3"	18'	22'	18'	10'
2TFSWSC20-30-10	2 Ton	20'	30'	12'-7"	28'	22'	18'	10'
2TFSWSC10-20-12	2 Ton	10'	20'	14'-3"	18'	12'	8'	12'
2TFSWSC10-30-12	2 Ton	10'	30'	14'-7"	28'	12'	8'	12'
2TFSWSC15-20-12	2 Ton	15'	20'	14'-3"	18'	17'	13'	12'
2TFSWSC15-30-12	2 Ton	15'	30'	14'-7"	28'	17'	13'	12'
2TFSWSC20-20-12	2 Ton	20'	20'	14'-3"	18'	22'	18'	12'
2TFSWSC20-30-12	2 Ton	20'	30'	14'-7"	28'	22'	18'	12'
2TFSWSC10-20-14	2 Ton	10'	20'	16'-3"	18'	12'	8'	14'
2TFSWSC10-30-14	2 Ton	10'	30'	16'-7"	28'	12'	8'	14'
2TFSWSC15-20-14	2 Ton	15'	20'	16'-3"	18'	17'	13'	14'
2TFSWSC15-30-14	2 Ton	15'	30'	16'-7"	28'	17'	13'	14'
2TFSWSC20-20-14	2 Ton	20'	20'	16'-3"	18'	22'	18'	14'
2TFSWSC20-30-14	2 Ton	20'	30'	16'-7"	28'	22'	18'	14'

*dimensions may be subject to change without notice

Free Standing Work Station Cranes with Six Posts



Specifications

Model	Capacity [tons]	A	B	C	D1	D2	E	F	G
0.5TFSWSC10-40-10	1/2 Ton	10'	40'	12'-3"	19'	19'	12'	8'	10'
0.5TFSWSC10-50-10	1/2 Ton	10'	50'	12'-5"	24'	24'	12'	8'	10'
0.5TFSWSC10-60-10	1/2 Ton	10'	60'	12'-7"	29'	29'	12'	8'	10'
0.5TFSWSC15-40-10	1/2 Ton	15'	40'	12'-3"	19'	19'	17'	13'	10'
0.5TFSWSC15-50-10	1/2 Ton	15'	50'	12'-5"	24'	24'	17'	13'	10'
0.5TFSWSC15-60-10	1/2 Ton	15'	60'	12'-7"	29'	29'	17'	13'	10'
0.5TFSWSC20-40-10	1/2 Ton	20'	40'	12'-3"	19'	19'	22'	18'	10'
0.5TFSWSC20-50-10	1/2 Ton	20'	50'	12'-5"	24'	24'	22'	18'	10'
0.5TFSWSC20-60-10	1/2 Ton	20'	60'	12'-7"	29'	29'	22'	18'	10'
0.5TFSWSC10-40-12	1/2 Ton	10'	40'	14'-3"	19'	19'	12'	8'	12'
0.5TFSWSC10-50-12	1/2 Ton	10'	50'	14'-5"	24'	24'	12'	8'	12'
0.5TFSWSC10-60-12	1/2 Ton	10'	60'	14'-7"	29'	29'	12'	8'	12'
0.5TFSWSC15-40-12	1/2 Ton	15'	40'	14'-3"	19'	19'	17'	13'	12'
0.5TFSWSC15-50-12	1/2 Ton	15'	50'	14'-5"	24'	24'	17'	13'	12'
0.5TFSWSC15-60-12	1/2 Ton	15'	60'	14'-7"	29'	29'	17'	13'	12'
0.5TFSWSC20-40-12	1/2 Ton	20'	40'	14'-3"	19'	19'	22'	18'	12'

*dimensions may be subject to change without notice

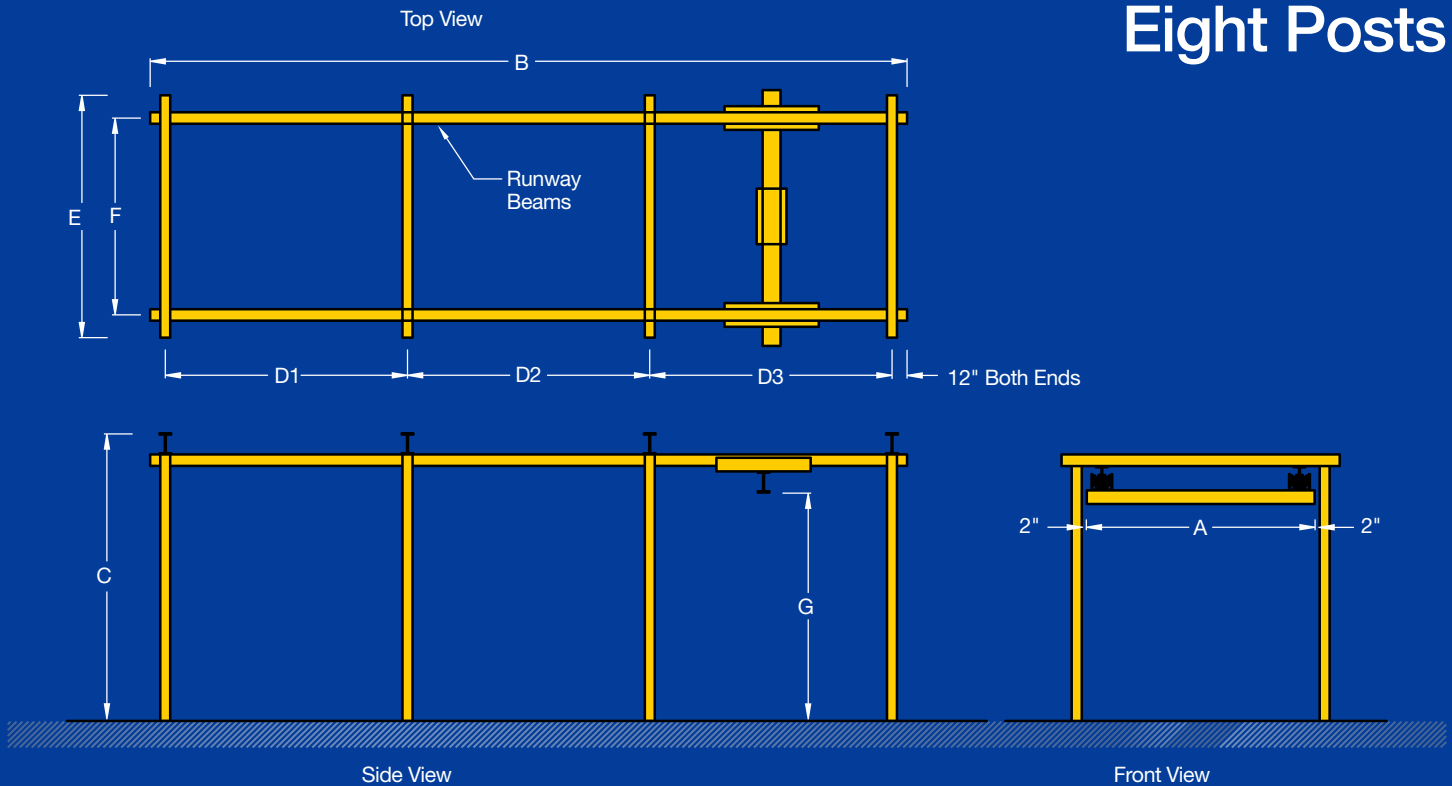
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Work Station Cranes Free Standing

Model	Capacity [tons]	A	B	C	D1	D2	E	F	G
0.5TFSWSC20-50-12	1/2 Ton	20'	50'	14'-5"	24'	24'	22'	18'	12'
0.5TFSWSC20-60-12	1/2 Ton	20'	60'	14'-7"	29'	29'	22'	18'	12'
0.5TFSWSC10-40-14	1/2 Ton	10'	40'	16'-7"	19'	19'	12'	8'	14'
0.5TFSWSC10-50-14	1/2 Ton	10'	50'	16'-9"	24'	24'	12'	8'	14'
0.5TFSWSC10-60-14	1/2 Ton	10'	60'	16'-10"	29'	29'	12'	8'	14'
0.5TFSWSC15-40-14	1/2 Ton	15'	40'	16'-7"	19'	19'	17'	13'	14'
0.5TFSWSC15-50-14	1/2 Ton	15'	50'	16'-9"	24'	24'	17'	13'	14'
0.5TFSWSC15-60-14	1/2 Ton	15'	60'	16'-10"	29'	29'	17'	13'	14'
0.5TFSWSC20-40-14	1/2 Ton	20'	40'	16'-7"	19'	19'	22'	18'	14'
0.5TFSWSC20-50-14	1/2 Ton	20'	50'	16'-9"	24'	24'	22'	18'	14'
0.5TFSWSC20-60-14	1/2 Ton	20'	60'	16'-10"	29'	29'	22'	18'	14'
1TFSWSC10-40-10	1 Ton	10'	40'	12'-5"	19'	19'	12'	8'	10'
1TFSWSC10-50-10	1 Ton	10'	50'	12'-7"	24'	24'	12'	8'	10'
1TFSWSC10-60-10	1 Ton	10'	60'	12'-9"	29'	29'	12'	8'	10'
1TFSWSC15-40-10	1 Ton	15'	40'	12'-5"	19'	19'	17'	13'	10'
1TFSWSC15-50-10	1 Ton	15'	50'	12'-7"	24'	24'	17'	13'	10'
1TFSWSC15-60-10	1 Ton	15'	60'	12'-9"	29'	29'	17'	13'	10'
1TFSWSC20-40-10	1 Ton	20'	40'	12'-7"	19'	19'	22'	18'	10'
1TFSWSC20-50-10	1 Ton	20'	50'	12'-9"	24'	24'	22'	18'	10'
1TFSWSC20-60-10	1 Ton	20'	60'	12'-11"	29'	29'	22'	18'	10'
1TFSWSC10-40-12	1 Ton	10'	40'	14'-5"	19'	19'	12'	8'	12'
1TFSWSC10-50-12	1 Ton	10'	50'	14'-7"	24'	24'	12'	8'	12'
1TFSWSC10-60-12	1 Ton	10'	60'	14'-9"	29'	29'	12'	8'	12'
1TFSWSC15-40-12	1 Ton	15'	40'	14'-5"	19'	19'	17'	13'	12'
1TFSWSC15-50-12	1 Ton	15'	50'	14'-7"	24'	24'	17'	13'	12'
1TFSWSC15-60-12	1 Ton	15'	60'	14'-9"	29'	29'	17'	13'	12'
1TFSWSC20-40-12	1 Ton	20'	40'	14'-7"	19'	19'	22'	18'	12'
1TFSWSC20-50-12	1 Ton	20'	50'	14'-9"	24'	24'	22'	18'	12'
1TFSWSC20-60-12	1 Ton	20'	60'	14'-11"	29'	29'	22'	18'	12'
1TFSWSC10-40-14	1 Ton	10'	40'	16'-5"	19'	19'	12'	8'	14'
1TFSWSC10-50-14	1 Ton	10'	50'	16'-7"	24'	24'	12'	8'	14'
1TFSWSC10-60-14	1 Ton	10'	60'	16'-9"	29'	29'	12'	8'	14'
1TFSWSC15-40-14	1 Ton	15'	40'	16'-5"	19'	19'	17'	13'	14'
1TFSWSC15-50-14	1 Ton	15'	50'	16'-7"	24'	24'	17'	13'	14'
1TFSWSC15-60-14	1 Ton	15'	60'	16'-9"	29'	29'	17'	13'	14'
1TFSWSC20-40-14	1 Ton	20'	40'	16'-7"	19'	19'	22'	18'	14'
1TFSWSC20-50-14	1 Ton	20'	50'	16'-9"	24'	24'	22'	18'	14'
1TFSWSC20-60-14	1 Ton	20'	60'	16'-11"	29'	29'	22'	18'	14'
2TFSWSC10-40-10	2 Ton	10'	40'	12'-9"	19'	19'	12'	8'	10'
2TFSWSC10-50-10	2 Ton	10'	50'	12'-9"	24'	24'	12'	8'	10'
2TFSWSC10-60-10	2 Ton	10'	60'	12'-9"	29'	29'	12'	8'	10'
2TFSWSC15-40-10	2 Ton	15'	40'	12'-11"	19'	19'	17'	13'	10'
2TFSWSC15-50-10	2 Ton	15'	50'	12'-11"	24'	24'	17'	13'	10'
2TFSWSC15-60-10	2 Ton	15'	60'	12'-11"	29'	29'	17'	13'	10'
2TFSWSC20-40-10	2 Ton	20'	40'	12'-11"	19'	19'	22'	18'	10'
2TFSWSC20-50-10	2 Ton	20'	50'	12'-11"	24'	24'	22'	18'	10'
2TFSWSC20-60-10	2 Ton	20'	60'	12'-11"	29'	29'	22'	18'	10'
2TFSWSC10-40-12	2 Ton	10'	40'	14'-9"	19'	19'	12'	8'	12'
2TFSWSC10-50-12	2 Ton	10'	50'	14'-9"	24'	24'	12'	8'	12'
2TFSWSC10-60-12	2 Ton	10'	60'	14'-9"	29'	29'	12'	8'	12'
2TFSWSC15-40-12	2 Ton	15'	40'	14'-11"	19'	19'	17'	13'	12'
2TFSWSC15-50-12	2 Ton	15'	50'	14'-11"	24'	24'	17'	13'	12'
2TFSWSC15-60-12	2 Ton	15'	60'	14'-11"	29'	29'	17'	13'	12'
2TFSWSC20-40-12	2 Ton	20'	40'	14'-11"	19'	19'	22'	18'	12'
2TFSWSC20-50-12	2 Ton	20'	50'	14'-11"	24'	24'	22'	18'	12'
2TFSWSC20-60-12	2 Ton	20'	60'	14'-11"	29'	29'	22'	18'	12'
2TFSWSC10-40-14	2 Ton	10'	40'	16'-9"	19'	19'	12'	8'	14'
2TFSWSC10-50-14	2 Ton	10'	50'	16'-9"	24'	24'	12'	8'	14'
2TFSWSC10-60-14	2 Ton	10'	60'	16'-9"	29'	29'	12'	8'	14'
2TFSWSC15-40-14	2 Ton	15'	40'	16'-11"	19'	19'	17'	13'	14'
2TFSWSC15-50-14	2 Ton	15'	50'	16'-11"	24'	24'	17'	13'	14'
2TFSWSC15-60-14	2 Ton	15'	60'	16'-11"	29'	29'	17'	13'	14'
2TFSWSC20-40-14	2 Ton	20'	40'	16'-11"	19'	19'	22'	18'	14'
2TFSWSC20-50-14	2 Ton	20'	50'	16'-11"	24'	24'	22'	18'	14'
2TFSWSC20-60-14	2 Ton	20'	60'	16'-11"	29'	29'	22'	18'	14'

*dimensions may be subject to change without notice

Free Standing Work Station Cranes with Eight Posts



Specifications

Model	Capacity [tons]	A	B	C	D1	D2	D3	E	F	G
0.5TFSWSC10-75-10	1/2 Ton	10'	75'	12'-3"	18'	18'	18'	12'	8'	10'
0.5TFSWSC10-80-10	1/2 Ton	10'	80'	12'-7"	28'	28'	28'	12'	8'	10'
0.5TFSWSC15-75-10	1/2 Ton	15'	75'	12'-3"	18'	18'	18'	17'	13'	10'
0.5TFSWSC15-80-10	1/2 Ton	15'	80'	12'-7"	28'	28'	28'	17'	13'	10'
0.5TFSWSC20-75-10	1/2 Ton	20'	75'	12'-3"	18'	18'	18'	22'	18'	10'
0.5TFSWSC20-80-10	1/2 Ton	20'	80'	12'-7"	28'	28'	28'	22'	18'	10'
0.5TFSWSC10-75-12	1/2 Ton	10'	75'	14'-3"	18'	18'	18'	12'	8'	12'
0.5TFSWSC10-80-12	1/2 Ton	10'	80'	14'-7"	28'	28'	28'	12'	8'	12'
0.5TFSWSC15-75-12	1/2 Ton	15'	75'	14'-3"	18'	18'	18'	17'	13'	12'
0.5TFSWSC15-80-12	1/2 Ton	15'	80'	14'-7"	28'	28'	28'	17'	13'	12'
0.5TFSWSC20-75-12	1/2 Ton	20'	75'	14'-3"	18'	18'	18'	22'	18'	12'

*dimensions may be subject to change without notice

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Work Station Cranes **Free Standing**

Model	Capacity [tons]	A	B	C	D1	D2	D3	E	F	
0.5TFSWSC20-80-12	1/2 Ton	20'	80'	14'-7"	28'	28'	28'	22'	18'	12'
0.5TFSWSC10-75-14	1/2 Ton	10'	75'	16'-3"	18'	18'	18'	12'	8'	14'
0.5TFSWSC10-80-14	1/2 Ton	10'	80'	16'-7"	28'	28'	28'	12'	8'	14'
0.5TFSWSC15-75-14	1/2 Ton	15'	75'	16'-3"	18'	18'	18'	17'	13'	14'
0.5TFSWSC15-80-14	1/2 Ton	15'	80'	16'-7"	28'	28'	28'	17'	13'	14'
0.5TFSWSC20-75-14	1/2 Ton	20'	75'	16'-3"	18'	18'	18'	22'	18'	14'
0.5TFSWSC20-80-14	1/2 Ton	20'	80'	16'-7"	28'	28'	28'	22'	18'	14'
1TFSWSC10-75-10	1 Ton	10'	75'	12'-3"	18'	18'	18'	12'	8'	10'
1TFSWSC10-80-10	1 Ton	10'	80'	12'-7"	28'	28'	28'	12'	8'	10'
1TFSWSC15-75-10	1 Ton	15'	75'	12'-3"	18'	18'	18'	17'	13'	10'
1TFSWSC15-80-10	1 Ton	15'	80'	12'-7"	28'	28'	28'	17'	13'	10'
1TFSWSC20-75-10	1 Ton	20'	75'	12'-3"	18'	18'	18'	22'	18'	10'
1TFSWSC20-80-10	1 Ton	20'	80'	12'-7"	28'	28'	28'	22'	18'	10'
1TFSWSC10-75-12	1 Ton	10'	75'	14'-3"	18'	18'	18'	12'	8'	12'
1TFSWSC10-80-12	1 Ton	10'	80'	14'-7"	28'	28'	28'	12'	8'	12'
1TFSWSC15-75-12	1 Ton	15'	75'	14'-3"	18'	18'	18'	17'	13'	12'
1TFSWSC15-80-12	1 Ton	15'	80'	14'-7"	28'	28'	28'	17'	13'	12'
1TFSWSC20-75-12	1 Ton	20'	75'	14'-3"	18'	18'	18'	22'	18'	12'
1TFSWSC20-80-12	1 Ton	20'	80'	14'-7"	28'	28'	28'	22'	18'	12'
1TFSWSC10-75-14	1 Ton	10'	75'	16'-3"	18'	18'	18'	12'	8'	14'
1TFSWSC10-80-14	1 Ton	10'	80'	16'-7"	28'	28'	28'	12'	8'	14'
1TFSWSC15-75-14	1 Ton	15'	75'	16'-3"	18'	18'	18'	17'	13'	14'
1TFSWSC15-80-14	1 Ton	15'	80'	16'-7"	28'	28'	28'	17'	13'	14'
1TFSWSC20-75-14	1 Ton	20'	75'	16'-3"	18'	18'	18'	22'	18'	14'
1TFSWSC20-80-14	1 Ton	20'	80'	16'-7"	28'	28'	28'	22'	18'	14'
2TFSWSC10-75-10	2 Ton	10'	75'	12'-3"	18'	18'	18'	12'	8'	10'
2TFSWSC10-80-10	2 Ton	10'	80'	12'-7"	28'	28'	28'	12'	8'	10'
2TFSWSC15-75-10	2 Ton	15'	75'	12'-3"	18'	18'	18'	17'	13'	10'
2TFSWSC15-80-10	2 Ton	15'	80'	12'-7"	28'	28'	28'	17'	13'	10'
2TFSWSC20-75-10	2 Ton	20'	75'	12'-3"	18'	18'	18'	22'	18'	10'
2TFSWSC20-80-10	2 Ton	20'	80'	12'-7"	28'	28'	28'	22'	18'	10'
2TFSWSC10-75-12	2 Ton	10'	75'	14'-3"	18'	18'	18'	12'	8'	12'
2TFSWSC10-80-12	2 Ton	10'	80'	14'-7"	28'	28'	28'	12'	8'	12'
2TFSWSC15-75-12	2 Ton	15'	75'	14'-3"	18'	18'	18'	17'	13'	12'
2TFSWSC15-80-12	2 Ton	15'	80'	14'-7"	28'	28'	28'	17'	13'	12'
2TFSWSC20-75-12	2 Ton	20'	75'	14'-3"	18'	18'	18'	22'	18'	12'
2TFSWSC20-80-12	2 Ton	20'	80'	14'-7"	28'	28'	28'	22'	18'	12'
2TFSWSC10-75-14	2 Ton	10'	75'	16'-3"	18'	18'	18'	12'	8'	14'
2TFSWSC10-80-14	2 Ton	10'	80'	16'-7"	28'	28'	28'	12'	8'	14'
2TFSWSC15-75-14	2 Ton	15'	75'	16'-3"	18'	18'	18'	17'	13'	14'
2TFSWSC15-80-14	2 Ton	15'	80'	16'-7"	28'	28'	28'	17'	13'	14'
2TFSWSC20-75-14	2 Ton	20'	75'	16'-3"	18'	18'	18'	22'	18'	14'
2TFSWSC20-80-14	2 Ton	20'	80'	16'-7"	28'	28'	28'	22'	18'	14'

*dimensions may be subject to change without notice

Installation Instructions for SWL Workstation Cranes

Note: Recommend Concrete Thickness is 6"

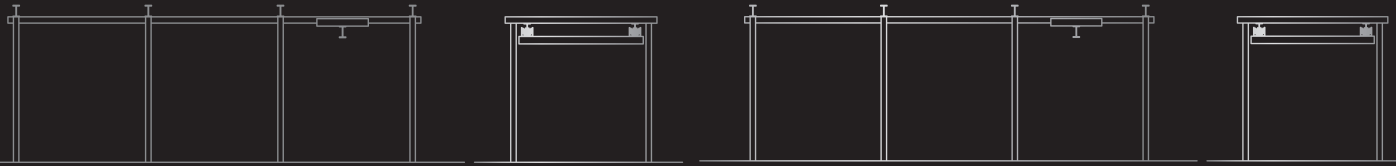
- Step ① Prepare a wooden template by placing a piece of 3/8" plywood against the bottom of the column base plate and trace the outside of the base plate onto the plywood with a black marker. Trace the holes as well. Cut the plywood to the size of the base plate then drill the holes out to 1/8" larger than the recommended anchor size. Also drill one hole in the exact center of the template about 1" in diameter. This will be to see the exact center of where the columns are to be once you have layed out the floor.
- Step ② Now lay out the floor using a chalk line or laser in accordance with the drawing provided with your crane kit. Don't forget to measure from corner to corner to make sure the system will be square. Put an X mark in the center of the exact spot where the columns are to be placed.
- Step ③ Snap a chalk line down the length of the system in the center of all the X's. Now measure 8" (half the size of the base plate) from the center of the X towards the outside. Mark a line in the direction the runways will be running at each column. Now snap another chalk line connecting all these lines together. This will indicate the outside edge of the base plates. Perform the same function on the other side of the system. Now place the template so that you can see the X mark through the center hole and the outside lines where the edge of the base plate is to be aligned. Mark the concrete where each column is to be placed carefully marking all the holes as well.
- Step ④ Drill your holes right through the concrete. Take a small rod about 1/8" - 3/16" round, bend a small piece about 3/4" long on one end. Put the bent section of the rod into the hole and dig out some of the dirt below the concrete around the bottom of the hole to allow for the epoxy to expand below the concrete. Vacuum out the holes thoroughly.
- Step ⑤ Fill the holes with 2-part epoxy and install the correct size anchors. Anchors should be the thickness of the concrete, plus 1 inch for grout, plus the thickness of the base plate plus at least 2 inches for flat washer, lock washer and nut. Allow the epoxy to set for the recommended period. (See manufacturer's Instructions)
- Step ⑥ Install a hex nut onto each one of the exposed threaded rods and run them down to the surface of the concrete. These nuts will be used to level the columns.
- Step ⑦ Using an overhead crane or forklift with a sling around the column just below the top plate, lift the column onto the anchor rods. Position the column and make sure it is completely level and plumb by adjusting the nuts under the plate. Make sure once it is level that all nuts are snug against the bottom of the base plate.

Installation Instructions for SWL Workstation Cranes (Cont'd)

- Step 8 Now lift the column back off the anchor bolts then mix and install non-shrink machinery grout at least 1 1/4" thick so when you re-install columns and tighten them down it will squeeze out around the edge of the base plates.
- Step 9 Re-install columns and torque them down to specifications. See torques specs for rod size. Smooth out the grout around the base plate so that it looks professional.
- Step 10 Using a forklift or overhead crane to install the header beams onto the top of each set of columns as per the drawing. Install the connecting bolts and tighten them to specs.
- Step 11 Now install the runway beams to the header beams in accordance with the drawing. Starting at one end, lift a runway beam up and connect it to two header beams. If your system is only 4-post, there will be four bolts at each end. If it is a 6 post system, there will be four at one end and two at the other. If it is an 8-post system, the end beams will be the same as the 6-post but the middle beams will have only 2 holes at each end. Do not tighten the bolts yet. Install the rest of the beams in this manner.
- Step 12 If your system is more than 4-posts, it's time to install the splice plates that join the runway beams together in accordance with the drawing. Once these have been installed, tighten and torque all the bolts to the proper specs.
- Step 13 Assemble the bridge crane by installing the end trucks on the bridge beam in accordance with the drawing. Next install the end stops that go on each end of the bridge beam.
- Step 14 Lift up the bridge crane and slide it onto the runway beams. Now install all four sets of end stops, one set on each end of each runway.
- Step 15 Cleanup and touch up time. Clean up debris and excess grout on the floor, and then touch up the columns and bridge using the aerosol cans of touch up paint supplied with your system.

Anchor Specification

- 1/2 ton to 1 ton systems use 3/4" NC B7 Alloy Threaded Rod or Grade 8 by 10" long
- For 2 ton jib cranes use 7/8" NC B7 Alloy Threaded Rod or Grade 8 by 10" long
- Rods must be rust free with clean threads and well oiled to achieve proper torque.
- For 3/4" well oiled rods the torque spec is 280 foot lbs.
- For 7/8" well oiled rods the torque spec is 450 foot lbs.



Standard Features

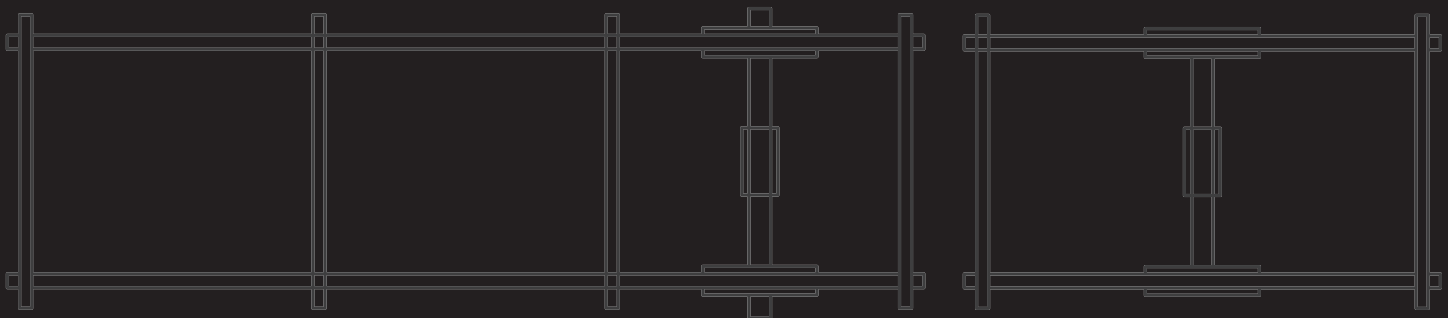
- End stops
- One coat of primer on structure and bridge
- Two coats of grey enamel on structure
- Two coats of safety yellow on bridge
- 16" square base plate with gussets
- Hollow structural steel columns for stronger stability
- A325 structural bolt assemblies
- All welding conforms to CSA W59 and W47.1
- All primers and paints used are water based environmentally safe products.

Optional Extras

- Round cable festooning for bridge crane
- Round cable festooning for runway(four post systems only)
- 4-bar conductor system for runway only (six and eight post systems)
- Hand chain hoist and trolley
- Electric chain hoist, chain container and trolley
- Anchor bolts and epoxy glue
- Stamped engineered drawings (Canada Only)

Any system other than our standard pre-engineered systems listed in our catalogue can be manufactured at a special price.

Work Station Cranes Features





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