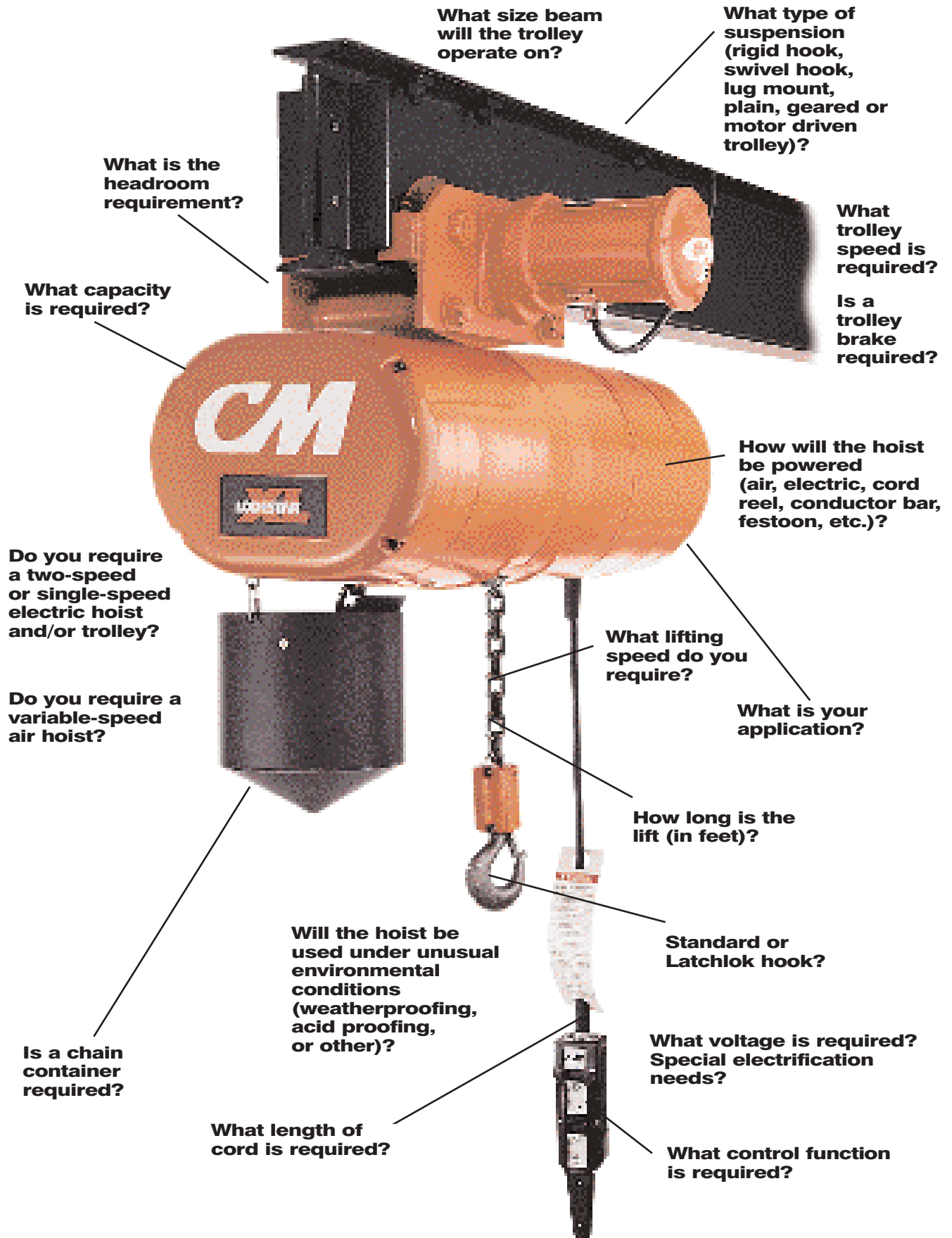


## Ordering powered hoists

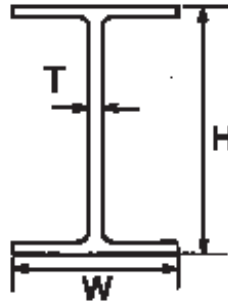


# CM Beam specifications

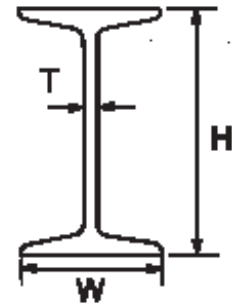
Below you will find the standard sizes, flange widths and weights for the most common American standard and wide flange I-beam shapes. For shapes not included in this chart, consult your CM distributor for assistance.

## CM hoist trolley ordering information

- Total rated load (lb.)
- Trolley speed (in./min.)
- Motor voltage
- Beam height (in.)
- Beam flange width (in.)
- Beam weight/ft. (lb.)
- Trolley model number
- Hoist model number



Wide flange



American standard

### Wide flange shapes

Section number	Weight per ft. (lbs.)	Dimensions (in.)		
		W	T	H
W8	10	4	3/16	7 7/8
	18	5 1/4	1/4	8 1/8
	24	6 1/2	1/4	7 7/8
	31	8	5/16	8
W10	12	4	3/16	9 7/8
	22	5 3/4	1/4	10 1/8
	33	8	5/16	9 3/4
W12	49	10	5/16	10
	14	4	3/16	11 7/8
	26	6 1/2	1/4	12 1/4
	40	8	5/16	12
W14	53	10	3/8	12
	65	12	3/8	12 1/8
	22	5	1/4	13 3/4
	30	6 3/4	1/4	13 7/8
W16	43	8	5/16	13 5/8
	61	10	3/8	13 7/8
	90	14 1/2	7/16	14
	26	5 1/2	1/4	15 3/4
W18	36	7	5/16	15 7/8
	67	10 1/4	3/8	16 3/8
	35	6	5/16	17 3/4
W21	50	7 1/2	3/8	18
	76	11	7/16	18 1/4
	44	6 1/2	3/8	20 5/8
	62	8 1/4	3/8	21
W24	101	12 1/4	1/2	21 3/8
	55	7	3/8	23 5/8
	68	9	7/16	23 3/4
W27	104	12 3/4	1/2	24
	84	10	7/16	26 3/4
	146	14	5/8	27 3/8
	99	10 1/2	1/2	29 5/8
	173	15	5/8	30 1/2

The structural shapes illustrated in this chart are representative of the more commonly used sections. If a shape not included in this listing is encountered, consult factory with all dimensions and the weight for assistance.

### American standard shapes

Section number	Weight per ft. (lbs.)	Dimensions (in.)			
		W	T	H	
S4	7.7	2 5/8	3/16	4	
	9.5	2 3/4	5/16	4	
S5	10.0	3	3/16	5	
S6	12.5	3 3/8	1/4	6	
	17.25	3 5/8	7/16	6	
S7	15.3	3 5/8	1/4	7	
S8	18.4	4	1/4	8	
	23.0	4 1/8	7/16	8	
S10	25.4	4 5/8	5/16	10	
	35.0	5	5/8	10	
	31.8	5	3/8	12	
S12	35.0	5 1/8	7/16	12	
	40.8	5 1/4	7/16	12	
	50.0	5 1/2	1 1/16	12	
	42.9	5 1/2	7/16	15	
S15	50.0	5 5/8	9/16	15	
	54.7	6	7/16	18	
	70.0	6 1/4	1 1/16	18	
S18	66.0	6 1/4	1/2	20	
	75.0	6 3/8	5/8	20	
	86.0	7	1 1/16	20 1/4	
	96.0	7 1/4	1 3/16	20 1/4	
S20	80.0	7	1/2	24	
	90.0	7 1/8	5/8	24	
	100.0	7 1/4	3/4	24	
	106.0	7 7/8	5/8	24 1/4	
	121.0	8	1 3/16	24 1/4	
	S24	84	10	7/16	26 3/4
		146	14	5/8	27 3/8

The structural shapes illustrated in this chart are representative of the more commonly used sections. If a shape not included in this listing is encountered, consult factory with all dimensions and the weight for assistance.

**Overloading and improper use can result in injury.**

**Avoid injury:**

- Do not exceed working load limit.
- Do not use to lift people or loads over people.
- Use only allowable attachments for overloads.
- Read and follow all instructions.

**WARNING**

Overloading and improper use can result in injury.

See page 20