



SMH SERIES HAND CHAIN HOISTS

- Full range capacity 1/2- to 10-tons
- 28 models stocked, one for every application
- Standard features found only in higher priced models
- Economical hand chain hoist designed for years of trouble-free service
- 10', 15', 20' and 30' lifts standard, custom length lifts available
- All steel construction with a durable powder coat finish
- Lightweight, compact design for low headroom applications
- Needle bearing supported load sheave for smooth operation
- Completely enclosed Weston type automatic brake system for precise load spotting
- Triple-spur gears provide high efficiency ratio with minimum effort
- Induction hardened grade 80 load chain
- Drop forged hooks with heavy-duty safety latches swivel 360° for easy rigging
- Smooth rolled edge on hand chain cover prevents side pull jamming
- Standard hand chain drop equals lift length
- Proof tested with test certificate
- Complies with OSHA, ANSI/ASME B30.16 and HST-2 standards

CAUTION

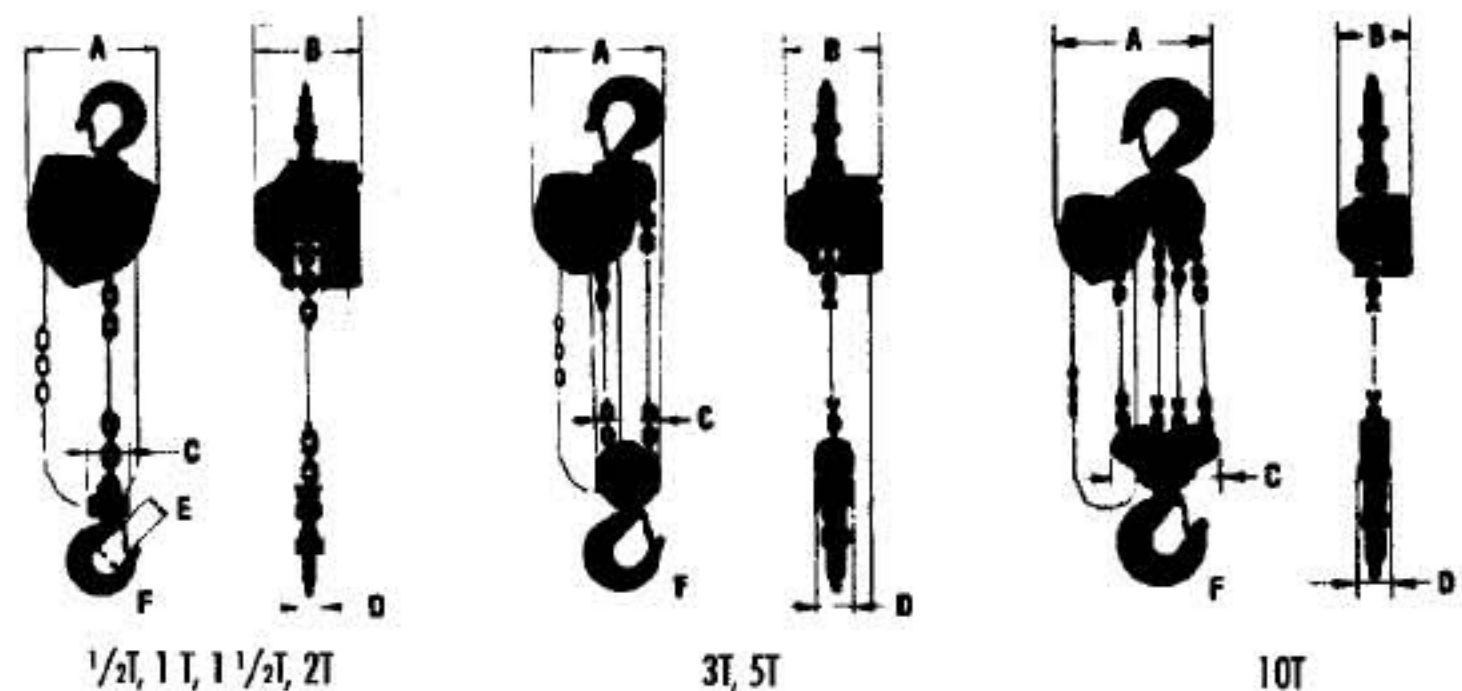
Be sure that the supporting structures and load-attaching devices used in conjunction with this hoist provide an adequate safety factor to handle the rated load plus the weight of the equipment. If in doubt, consult a qualified structural engineer. This equipment is not to be used for lifting, supporting or transporting people, or lifting or supporting loads over people.

IMPORTANT

Before installation, read owner's manual for additional warnings and precautions. Not for use in an explosive environment.

OPTIONAL ACCESSORIES

- Trolleys
- Beam Clamps
- Slings



DIMENSIONS (IN.)

| MODEL | A | B | C | D | E | F |
|-----------|--------|-------|--------|--------|-------|--------|
| 1/2-ton | 5-1/2 | 4-1/2 | 2 | 1-1/4 | 7/8 | 1-3/8 |
| 1-ton | 6-5/8 | 5-1/5 | 2-1/8 | 1-1/4 | 1-1/8 | 1-9/16 |
| 1-1/2-ton | 7-3/4 | 5-3/4 | 2-1/2 | 1-7/18 | 1-1/4 | 1-3/4 |
| 2-ton | 8-7/8 | 5-3/4 | 2-3/5 | 1-3/5 | 1-3/8 | 2 |
| 3-ton | 8-1/2 | 6 | 3-5/8 | 2-3/4 | 1-3/4 | 2-1/4 |
| 5-ton | 9-1/2 | 7 | 4-1/2 | 3 | 2 | 2-5/8 |
| 10-ton | 17-1/2 | 7 | 12-1/4 | 4 | 3 | 3-1/2 |





| STOCK NUMBER | MODEL | CAPACITY (LBS.) | STANDARD LIFT (FT.) | HEADROOM (IN.) | NUMBER OF FALLS | LOAD CHAIN (DIA./MM) | REQ. HAND CHAIN (FT.) TO LIFT LOAD 1' | POUNDS PULL TO LIFT CAPACITY | SHIP WEIGHT EACH (LBS.) | CARTON PACK |
|------------------------------------|---------------|-----------------|---------------------|----------------|-----------------|----------------------|---------------------------------------|------------------------------|-------------------------|-------------|
| 1/2-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 700 | SMH-1/2T-10 | 1100 | 10 | 13 | 1 | 5 | 32 | 49 | 20 | 1 |
| 101 701 | SMH-1/2T-15 | 1100 | 15 | 13 | 1 | 5 | 32 | 49 | 25 | 1 |
| 101 702 | SMH-1/2T-20 | 1100 | 20 | 13 | 1 | 5 | 32 | 49 | 29 | 1 |
| 101 703 | SMH-1/2T-30 | 1100 | 30 | 13 | 1 | 5 | 32 | 49 | 40 | 1 |
| 1-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 704 | SMH-1T-10 | 2200 | 10 | 15 | 1 | 6.3 | 37 | 80 | 27 | 1 |
| 101 705 | SMH-1T-15 | 2200 | 15 | 15 | 1 | 6.3 | 37 | 80 | 33 | 1 |
| 101 706 | SMH-1T-20 | 2200 | 20 | 15 | 1 | 6.3 | 37 | 80 | 38 | 1 |
| 101 707 | SMH-1T-30 | 2200 | 30 | 15 | 1 | 6.3 | 37 | 80 | 51 | 1 |
| 1-1/2-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 708 | SMH-1-1/2T-10 | 3520 | 10 | 17-1/2 | 1 | 7 | 58 | 82 | 41 | 1 |
| 101 709 | SMH-1-1/2T-15 | 3520 | 15 | 17-1/2 | 1 | 7 | 58 | 82 | 49 | 1 |
| 101 710 | SMH-1-1/2T-20 | 3520 | 20 | 17-1/2 | 1 | 7 | 58 | 82 | 56 | 1 |
| 101 711 | SMH-1-1/2T-30 | 3520 | 30 | 17-1/2 | 1 | 7 | 58 | 82 | 69 | 1 |
| 2-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 712 | SMH-2T-10 | 4400 | 10 | 18-1/2 | 1 | 8 | 70 | 91 | 46 | 1 |
| 101 713 | SMH-2T-15 | 4400 | 15 | 18-1/2 | 1 | 8 | 70 | 91 | 53 | 1 |
| 101 714 | SMH-2T-20 | 4400 | 20 | 18-1/2 | 1 | 8 | 70 | 91 | 60 | 1 |
| 101 715 | SMH-2T-30 | 4400 | 30 | 18-1/2 | 1 | 8 | 70 | 91 | 75 | 1 |
| 3-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 716 | SMH-3T-10 | 6820 | 10 | 23-1/2 | 2 | 7 | 116 | 86 | 60 | 1 |
| 101 717 | SMH-3T-15 | 6820 | 15 | 23-1/2 | 2 | 7 | 116 | 86 | 71 | 1 |
| 101 718 | SMH-3T-20 | 6820 | 20 | 23-1/2 | 2 | 7 | 116 | 86 | 80 | 1 |
| 101 719 | SMH-3T-30 | 6820 | 30 | 23-1/2 | 2 | 7 | 116 | 86 | 102 | 1 |
| 5-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 720 | SMH-5T-10 | 11,000 | 10 | 28 | 2 | 9 | 172 | 97 | 91 | 1 |
| 101 721 | SMH-5T-15 | 11,000 | 15 | 28 | 2 | 9 | 172 | 97 | 106 | 1 |
| 101 722 | SMH-5T-20 | 11,000 | 20 | 28 | 2 | 9 | 172 | 97 | 122 | 1 |
| 101 723 | SMH-5T-30 | 11,000 | 30 | 28 | 2 | 9 | 172 | 97 | 153 | 1 |
| 10-TON HAND CHAIN HOISTS | | | | | | | | | | |
| 101 724 | SMH-10T-10 | 22,000 | 10 | 35 | 4 | 9 | 344 | 104 | 177 | 1 |
| 101 725 | SMH-10T-15 | 22,000 | 15 | 35 | 4 | 9 | 344 | 104 | 205 | 1 |
| 101 726 | SMH-10T-20 | 22,000 | 20 | 35 | 4 | 9 | 344 | 104 | 232 | 1 |
| 101 727 | SMH-10T-30 | 22,000 | 30 | 35 | 4 | 9 | 344 | 104 | 287 | 1 |