COLUMBIA
WINCHES & HOISTS
Manufactured by Allied Power Products, Inc.

HOOK-MOUNTED WIRE ROPE HOISTS
UP TO 750 LBS. CAPACITY

HMH SERIES

More performance and more value in a portable and lightweight package.



FEATURES

- Rated to lift loads vertically
- Easy to mount with unique bail and safety latch
- Automatic, load suspending brake
- Secondary ratchet & pawl brake
- Choice of 115 and 230 VAC 1Ø power
- Upper and lower limit sensors
- Latching swivel hook
- Push-button pendant control with 32 foot lead
- Optional E-stop pendant control

OTHER PRODUCTS

A full line of winches and hoists are available to meet your exact requirements for any lifting, pulling or positioning application with pneumatic, hydraulic, electric and self-contained power sources.

CAUTION: *The final determination as to the suitability of this product for any purpose is solely that of the user. Columbia products are not to be used to lift people or to lift anything over people.*

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D00064E

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ALLIED POWER PRODUCTS, INC.
THE WINCH & HOIST SPECIALISTS
6590 SW FALLBROOK PLACE, BEAVERTON, OR 97008
(503) 626-0654 FAX (503) 646-1996

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PERFORMANCE

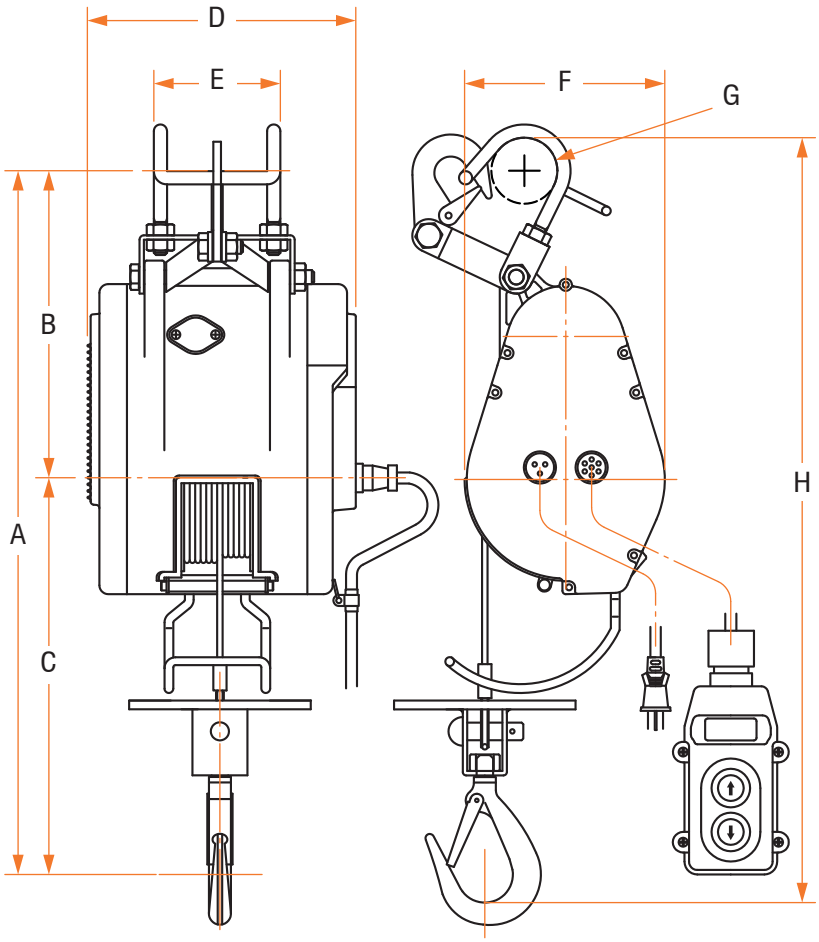
HMH-230: Calculated Performance			
Layer	Capacity (LBS)	Line Speed (FPM)	Rope (FT)
1	230	74	8
2	209	84	17
3	190	92	27
4	176	100	37
5	162	108	49
6	151	116	61
7	141	123	79

HMH-450: Calculated Performance			
1	450	57	11
2	412	63	24
3	377	69	37
4	347	75	52
5	322	80	68
6	301	86	85
7	282	90	102

HMH-600: Calculated Performance			
1	600	37	11
2	560	42	23
3	510	46	36
4	470	50	50
5	435	55	65
6	405	57	82

HMH-750: Calculated Performance			
1	750	37	12
2	715	40	25
3	656	44	38
4	607	47	54
5	565	50	70
6	528	53	82

Calculated performance based on intermittent duty cycles.



DIMENSIONAL DATA

All measurements are shown in inches.

Model	Power Input		Wire Rope Size	Weight	Dimensions							
	Voltage	Ø			A	B	C	D	E	F	G*	H
HMH-230	115	1Ø	3/16”	40 LBS	23.8	10.5	13.3	7.9	4.1	6.6	2.6	26.3
HMH-450	115	1Ø	3/16”	55 LBS	25.2	11.0	14.2	9.6	4.5	7.2	2.4	27.4
HMH-600	115	1Ø	1/4”	57 LBS	25.2	11.0	14.2	9.6	4.5	7.2	2.4	27.4
HMH-750	230	1Ø	1/4”	62 LBS	25.2	11.0	14.2	9.6	4.5	7.2	2.4	27.4

*Maximum diameter

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WINCHES & HOISTS
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TROLLEY-MOUNTED WIRE ROPE HOISTS
UP TO 750 LBS. CAPACITY

HMH SERIES

PERFORMANCE

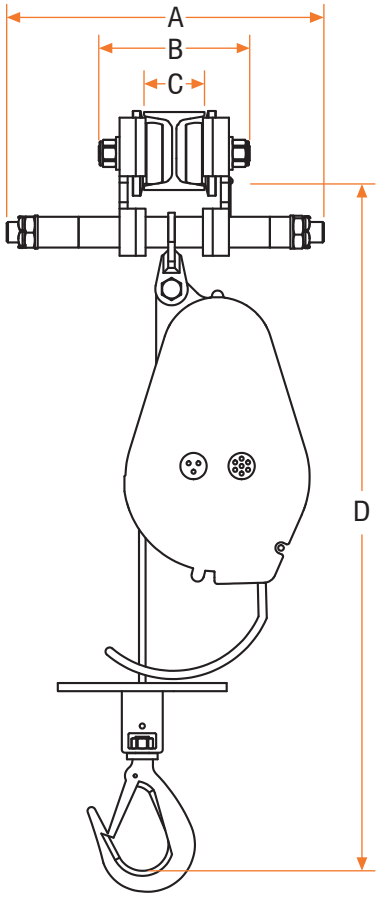
HMH-230: Calculated Performance			
Layer	Capacity (LBS)	Line Speed (FPM)	Rope (FT)
1	230	74	8
2	209	84	17
3	190	92	27
4	176	100	37
5	162	108	49
6	151	116	61
7	141	123	79

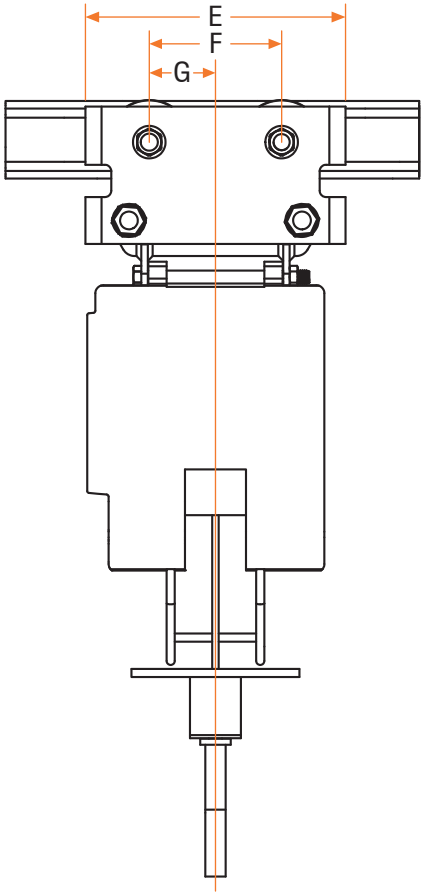
HMH-450: Calculated Performance			
1	450	57	11
2	412	63	24
3	377	69	37
4	347	75	52
5	322	80	68
6	301	86	85
7	282	90	102

HMH-600: Calculated Performance			
1	600	37	11
2	560	42	23
3	510	46	36
4	470	50	50
5	435	55	65
6	405	57	82

HMH-750: Calculated Performance			
1	750	37	12
2	715	40	25
3	656	44	38
4	607	47	54
5	565	50	70
6	528	53	82

Calculated performance based on intermittent duty cycles.





DIMENSIONAL DATA

All measurements are shown in inches.

Model	Power Input		Wire Rope Size	Weight	Dimensions						
	Voltage	Ø			A	B	C	D	E	F	G
HMH-230	115	1Ø	3/16”	40 LBS	11.8	5.8-10.8	2.3-7.3	27.5	10	5.12	2.56
HMH-450	115	1Ø	3/16”	55 LBS	11.8	5.8-10.8	2.3-7.3	28.6	10	5.12	2.56
HMH-600	115	1Ø	1/4”	57 LBS	11.8	5.8-10.8	2.3-7.3	28.6	10	5.12	2.56
HMH-750	230	1Ø	1/4”	62 LBS	11.8	5.8-10.8	2.3-7.3	28.6	10	5.12	2.56

*Maximum diameter

Working Load	Minimum Beam Height	I-Beam Width	Approximate Net Weight
528 LBS	3.0”	2.3” - 7.0”	60 LBS

S3x5.7 I-Beam shown, compatible with most standard and wide flange beams

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