

Miller® ManHandler™ Hoist

Model: 8442/65FT, 8442-Z7/65/FT, 8442/100FT, 8442-Z7/100FT

AC TOOL
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Description

The Miller® ManHandler™ Hoist is the perfect solution for a range of applications including confined space entry, rescue, positioning and personnel/material handling. A secondary fall arrest system is recommended for fall protection.

Models are available with stainless steel wire rope by adding "SS" after model number (Ex: 8442SS/65FT)

Materials

Housing:	Steel, Yellow Chromate Plating (Zinc)
Drum:	Steel Weldment, Yellow Chromate Plating (Zinc)
Shaft:	4140 Steel
Springs:	Stainless Steel
Brake Pawls:	Stainless Steel
Brake Pads:	Fiber Composite
Bearings:	Oil Impregnated Bronze
Hardware:	Grade 5, Zinc Plated
Snap Hook:	Drop Forged Steel
Cable:	3/16" galvanized steel or stainless steel

Technical

Maximum

Working Load:	350lbs (159kg)
Brake Systems:	Holding and Inertia – friction disk
Gear Ratio:	5:1
Retrieval Speed:	20ft/min
Length:	65ft (20m), 100ft (30.5m)
Weight (65FT):	39lbs (18kg)
Weight (100FT):	41.275lbs (19kg)

Certification

8442/65FT and 8442/100FT: Meets OSHA 1910.146 and ANSI Z117.1 requirements.

8442-Z7/65FT and 8442-Z7/100FT: ANSI Z359-2007 compliant for connectors which meet the 3600lb gate requirements, ANSI Z117.1, and OSHA 1910.146 requirements.

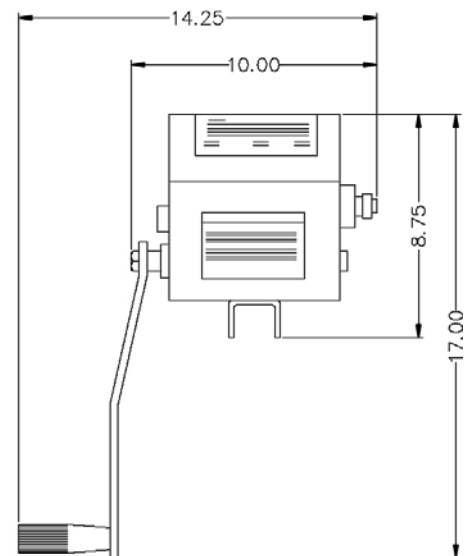
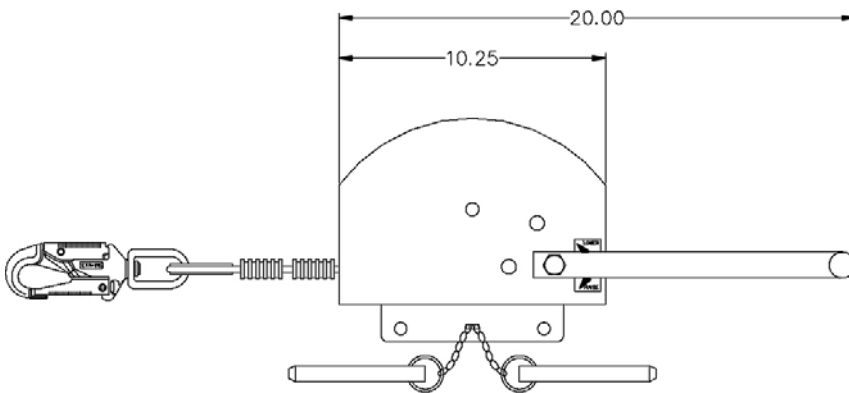
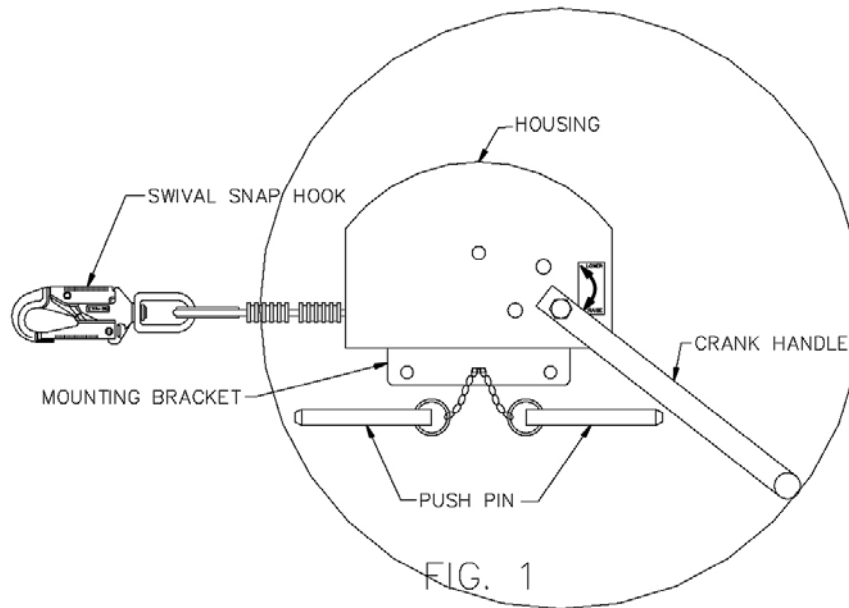


Warnings & Limitations

- Users must read, understand and follow all instructions.
- Only trained personnel should use this device.
- Do not use the unit if any part of the system appears to be damaged.
- Do not attempt to service this unit. If it does not operate properly or needs repair, return the unit to Miller for service.
- The designed working load limit is 350 pounds. Do not exceed the working load.
- Except when used as an emergency rescue device, independent fall protection must be used in conjunction with this unit to raise, lower or suspend personnel.
- When winch cable is attached to a workers harness, the cable must be free of slack and remain taut.
- See operation and instruction manual for proper mounting procedures. Applications requiring the use of a personal fall arrest system must be capable of supporting 5,000lbs.

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