

CENTURY®

Rotator Series



Some optional equipment may be shown.

Century's 1040S (40 ton) and 1060S (60 ton) Rotators have set the industry standard for superior design and performance in heavy duty recovery equipment for years. Based on that same past knowledge and experience the 1075S has brought the rotator market to a whole new level. The Century 1075S, 75 Ton Rotator, is outfitted with 60,000 lb. planetary 2-speed winches, newly designed winch buckets, and increased boom reach to tackle the toughest recovery applications.

For supreme stability in a variety of situations Century's Rotators are equipped with a hydraulic stabilization system that includes front hydraulic outriggers with over 17' of spread and rear patented outriggers designed for stability, in lifting as well as anchoring your unit during those tough recoveries.

**"For Those Who Demand the Best in
Power and Performance"**

Century's aluminum body is designed to optimize space for your lift forks and popular towing and recovery equipment. Optional front tunnel saddle boxes are available in a variety of sizes to meet your specific equipment needs. All Century bodies come with an aluminum tread-plate walkway for easy access to the center section of the recovery unit.

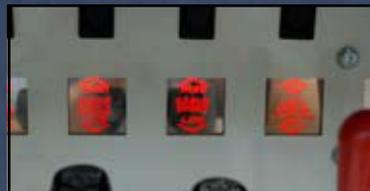


With 360° of continuous boom rotation and house locks located 180° apart, the boom on a Century Rotator can be carried in a rear or forward position when mounted on a chassis with adequate clearance. With the boom in the forward position, more weight can be transferred to the front axle when towing a heavy load. This also provides clearance over the deck of the rotator when towing trucks or fire engines with front overhang, such as ladders, snorkels, or buckets.

The control stations are arranged in a user friendly lay-out with elongated winch handles for easy identification, leveling gauges and all hydraulic functions. The optional Power Touch system lets you control all your emergency lighting and controls from one location.



Century Rotators come standard with one set of D-Rings and Tailboard Recovery Anchors. Additional D-Rings can be added along with the aluminum dress-up kit.



For better visibility, backlit controls are standard with the Wireless Proportional Remote Option.



The optional boom mounted Xenon lights provide bright area lighting for night recoveries. The D-Ring plunger option holds the D-Rings folded for more clearance with the boom positioned over the cab.

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The rear outrigger spade attachment is conveniently stored on the front outrigger leg. The spade attachment can be attached to the rear or side of the outrigger depending on your scenario. A D-Ring can also be added for an additional hooking point.



Century Rotators come standard with low profile fork holders, eight pairs of cast steel forks, pivoting spring lift hangers and hook adapters. Other popular optional equipment includes the pintle hook attachment, fifth wheel plate, fork riser brackets and heavy duty tire lift.



The turret mounted drag winch option gives you two additional winches expanding your recovery capabilities. The dual 20,000 lb. planetary winches are mounted low on the mast of the rotator turret to keep the additional weight off the boom and farther forward for better front axle weight. The winches sheave heads are located on each side of the first stage boom with shackle points located on the second stage for additional snatch block locations for lifting or recoveries.



Optional single or dual drag winches are deck mounted for better stability during tough recovery applications (Dual N/A with turret mounted winches). Additional storage space on the deck for cribbing, hoses, and other equipment is provided.



The optional rear outrigger extensions add 22 inches of spread per side. The extensions use pre-existing holes and can be used on existing Century 1060S.

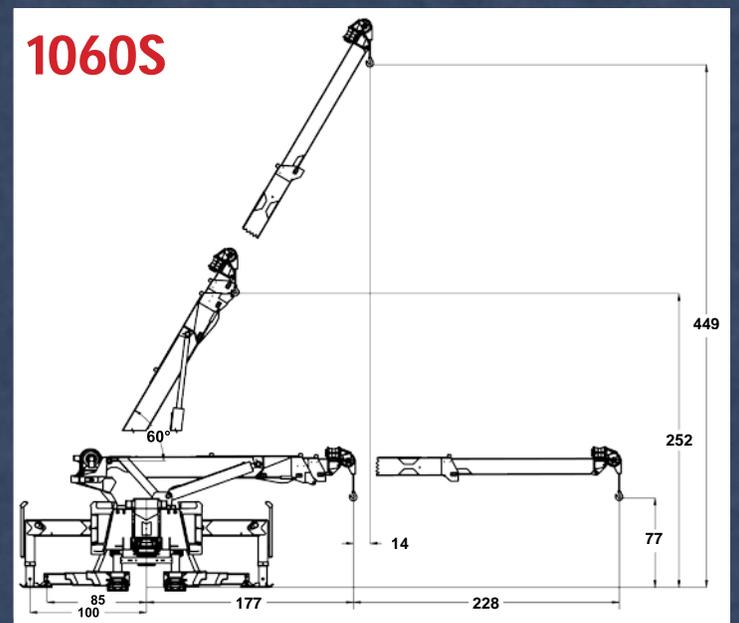
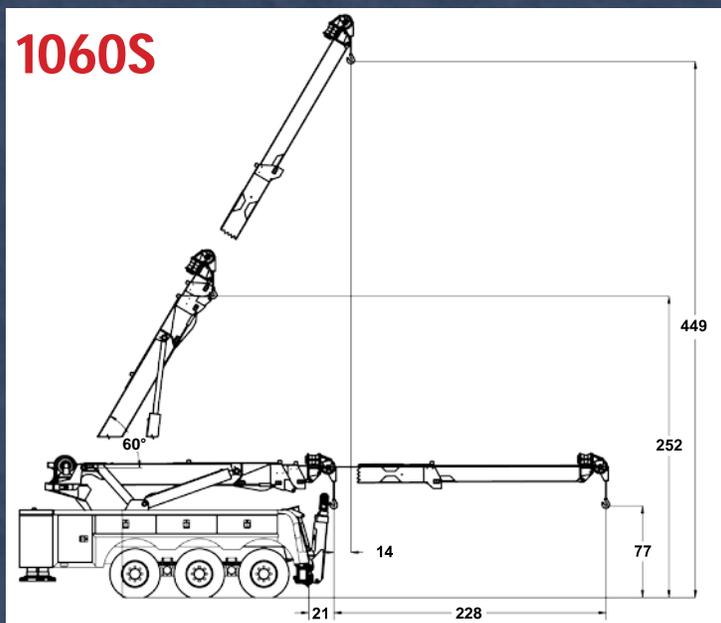
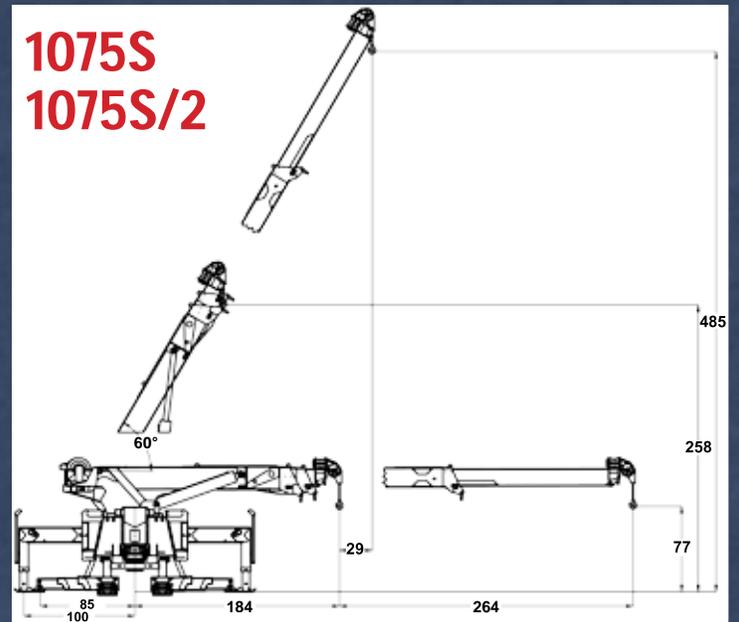
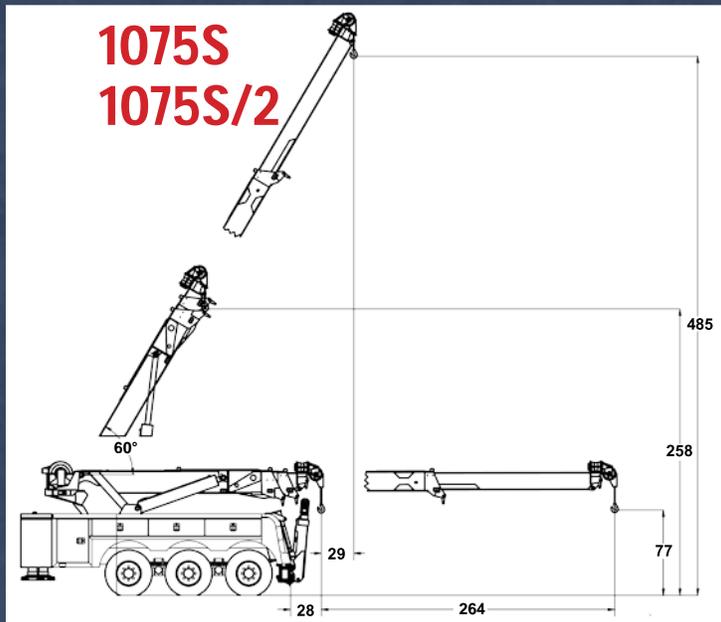


The winch bucket and optional light pylon are design to minimize overhang when leaving a driving lane open is necessary.

The SDU-4 provides 143" of reach with a lift capacity of 17,000 lbs. extended and 55,000 lbs. retracted.



Century's SDU-4 is available with the optional Low Rider Stinger option which has a lift capacity of 18,000 lbs. at it's full extended reach of 165 1/2". The fabricated low profile stinger design provides as much as 30% better clearance between the underlift and the towed vehicle, making it ideal for towing transit buses or motor coaches with set back axles.



BOOM SPECIFICATIONS

Boom Specifications	Boom Structural Rating (S.A.E)		Maximum Angle	Maximum Hook Height	Reach Past Tailboard at Minimum Boom Angle
	Retracted 30°	Extended 30°			
1040S 2-Stage	80,000 lbs.	25,000 lbs.	55°	352"	156"
1060S 3-Stage	120,000 lbs.	24,000 lbs.	60°	449"	249"
1075S 3-Stage	150,000 lbs.	36,000 lbs.	60°	485"	292"
1075S/2 3-Stage	150,000 lbs.	36,000 lbs.	60°	485"	292"

WINCH SPECIFICATIONS

Winch Specifications	Winch Capacity	Winch Type	Cable Specs. 6x37 I.W.R.C.	Air Cable Tensioners
1040S	(2) 35,000 lbs.	Planetary 2-Speed	3/4" x 200'	Standard
1060S	(2) 50,000 lbs.	Planetary 2-Speed	3/4" x 250'	Standard
1075S/2	(2) 50,000 lbs.	Planetary 2-Speed	3/4" x 250'	Standard
1075S	(2) 60,000 lbs.	Planetary 2-Speed	7/8" x 250'	Standard

DRAG WINCH SPECIFICATIONS

Winch Capacity	Winch Type	Cable Specs. 6x37 I.W.R.C.	Cable Tensioners
35,000 lbs.	Planetary 2-Speed	5/8" x 200'	Air
50,000 lbs.	Planetary 2-Speed	3/4" x 250'	Air
Dual 35,000 lbs.	Planetary 2-Speed	5/8" x 250'	Air
Turret Mounted Dual 20,000 lbs.	Planetary	9/16" x 220' or 5/8" x 200'	Spring

UNDERLIFT SPECIFICATIONS

Underlift Specifications	Capacity Fully Extended to C.L. of Forks	Capacity Fully Retracted to C.L. of Forks	Under-lift Tilt
SDU-4	17,000 lbs. @ 143.5"	55,000 lbs. @ 54"	10° + 10° -
Low Rider	18,000 lbs. @ 165.5"	55,000 lbs. @ 66"	10° + 7° -

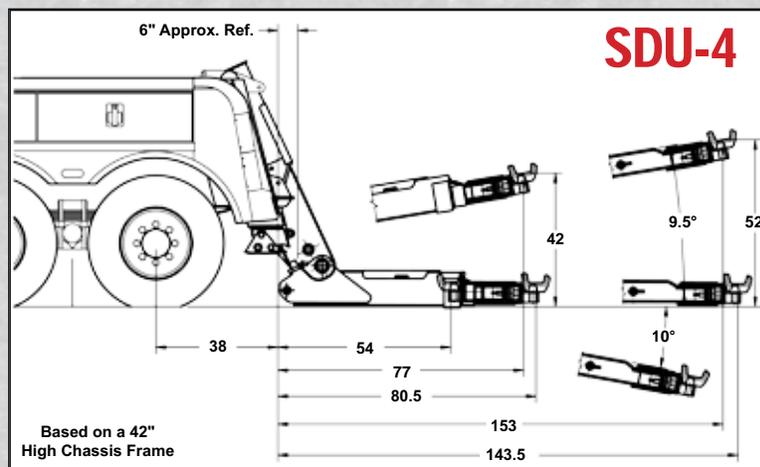
RECOMMENDED MINIMUM* CHASSIS SPECIFICATIONS

Front Axle (lbs.)	Rear Axle (lbs.)	Clear C.A. / C.B.	After Frame from Center of Rear Axle	R.B.M. (in./lbs.)
20,000	46,000	180"	40"	4,000,000

*All Recommendations are minimums, heavier specifications may be required depending on chassis and equipment weight, always consult your local distributor or the factory for additional information.

•The outside frame rails of chassis extending behind the cab must be free of fuel tanks, air tanks, battery boxes, etc.

• A tandem chassis may be used but a tri-axle is recommended for rotator applications. Maximum frame height for units equipped with the SDU-4 underlift is 42". Always consult your local distributor or the factory for additional information.



All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and or specifications without notice or obligation. Some equipment shown is optional.

STANDARD BODY FEATURES

- 96" Wide Aluminum Modular Body
- 180" C.B.
- Large Forward Compartments
- Compartments Over the Wheel Well
- Double Panel Doors
- Door Checks
- Double Action Latches with Keys
- LED Federal #108 Lighting
- Toolbox Lighting
- Rubber Fenderettes
- Mud Flaps
- Side Worklights
- Chain Rack
- Fork Holders
- Attachment Storage
- Rubber Isolators
- Enclosed Inner Wheel Wells
- Rigid Torsional Resistant Mounting Frame
- Tailboard Mounted D-Rings
- Two Rear Outrigger Spade Attachments

- Holding Valves for Boom Elevation & Extension
- Dual 2-Speed Winches
- Cable Tensioners
- Winch Air Free Spool
- Boom Angle Indicator
- Hydraulic Rear Outriggers with Removable Pads
- Hydraulic Front Outriggers
- Air Activated House Lock, Secures Boom for Transport in Rear or Forward Position
- House Lock Indicator
- Hydraulic Pump
- 360° Sheave Heads
- Dual Control Stations
- Hydraulic Pressure Gauges (Driver Side)
- Power Pal System, 8 Function Hand Held Lanyard and 9 Function Floor Mounted Switch Panel
- 2 "D" Rings Mounted on 1st & 3rd Stage

STANDARD BOOM FEATURES

- Power Elevation
- 360° Continuous Boom Rotation
- Proportional 2 Stage Power Boom Extension with Counter Balance Valve
- Hydraulic Reservoir with an Oil Level Sight Gauge, Tank Drain, and Enlarged Access Panel
- Nylatron Boom Slide Pads

STANDARD UNDERLIFT FEATURES

- Power Elevation
- Power Extension
- Power Tilt
- Hydraulic Fold
- 3-Stage Design
- 2 Piece Pivot Pin
- Upper/Lower Thrust Washer
- Low Profile Crossbar

- 70° Pivoting Crossbar
- Low Profile Fork Holders
- 8 Pairs of Cast Steel Forks
- 1 Pair of Spring Lift Adapters
- 1 Pair of Hook Adapters
- Safety Chains In Tailboard

OPTIONAL EQUIPMENT

- Additional Lift Forks
- Low Pull "D" Ring Kit
- Front Outrigger Side Pull Attachment
- 22" Rear Outrigger Extension
- Extension Storage Compartment
- Chain Package
- Endless Loop Sling Package
- Recovery Straps
- Snatch Blocks
- Light Bar
- Strobe Kits
- Xenon Boom Lights
- Halogen Work & Hook-Up Lighting
- Low Rider Underlift
- Wide Load Light Bar
- Engine Data Information Center
- Rear Camera & Monitor
- Navigation System
- Installation
- Power Touch System - Includes 15-Function Wired and Wireless Controls, In-Cab Underlift Control, and Front & Rear Function Switch Panels
- Rear Air & Electrical Hook-ups
- Side Mounted "D" Rings
- 2nd Stage "D" Rings (Std. on the 1075S)
- Cam-locks for "D" Ring Hold-Back
- Single or Dual Drag Winches
- Radio Proportional Controls with Single Manual Controls (Drivers Side)
- Radio Proportional Controls with Dual Manual Controls
- House Lock Window (Driver Side)
- Air Shift PTO
- Manual Override Control for PTO
- Tailboard Underlift Controls
- 24", 30", 36", or 48" Tunnel Saddle Box
- Convenience Group (Rails & Steps)
- Aluminum Dress-Up Kits
- Winch Bucket Mounted Aluminum Tubular Pylon
- 7-Drawer Tool Box
- 3-Drawer Tool Box
- Folding Wash-down Sink
- Offset Fork Holder Extensions
- Fork Riser Brackets
- Chain Hook Slide Adapter
- Pintle Hook Attachment
- 5th Wheel Plate (Requires Pintle Hook Attachment)
- Trailer Ball Adapter (Requires Pintle Hook Attachment)
- Heavy Duty Tire Lift
- Tailboard Cable Tiebacks
- Additional Lighting

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CENTURY®

Rotator Winch, Toolbox and Outrigger Options



The Century 1060S, 1075S, and 1075S2 are available with additional turret or deck mounted winch packages for increased winching power and rigging capabilities. The turret mounted package provides the operator with two 20,000 lb. planetary winches and additional shackle points placed on the mast and boom heads. The optional deck winches may be ordered as a single 35,000 lb. or 50,000 lb. or the dual 35,000 lb. winches to give you a total of 6 winches when ordered with the turret winches for the maximum in rigging and recovery possibilities.



Legendary Leadership

NEW BODY FEATURES

1. Push to Open/Push to Close Latches
2. Keyless Lock/Unlock Tool Compartments
3. Lowered Toolboxes for Increased Storage
4. LED Body Lighting - Clear Lenses

NEW OPTIONAL FEATURES

1. 220" Four Stage Rear Outriggers
2. 212" Two Stage Under-frame "H-Beam" Front Outriggers
3. 262" Three Stage Under-frame "H-Beam" Front Outriggers
4. Additional Storage Box with "H-Beam" Option
5. Larger Capacity 48" Tunnel Box available with a Single Door or Roll Up Door
6. 6X Winch Package, Two Main, Two Turret Mounted and Two Drag Winches



The profile of the new underframe "H-Beam" front outriggers allows you to position the outrigger legs with minimal clearance such as under guardrails. This helps to minimize lane closure and also allows you to bring loads closer in to your unit at lower lift heights or reduced overhang.

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