



# MSA Latchways® Vertical Ladder System Kits

Technical Datasheet

Vertical Ladder System



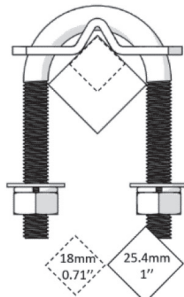
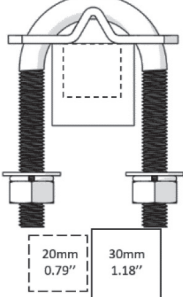
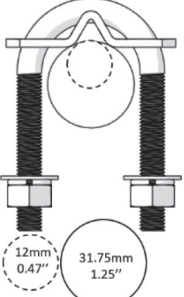


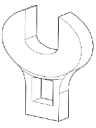







Vertical Ladder System  
with Extension Post



WE KNOW WHAT'S AT STAKE.

# MSA Latchways Vertical Ladder Kits

## Technical Specifications

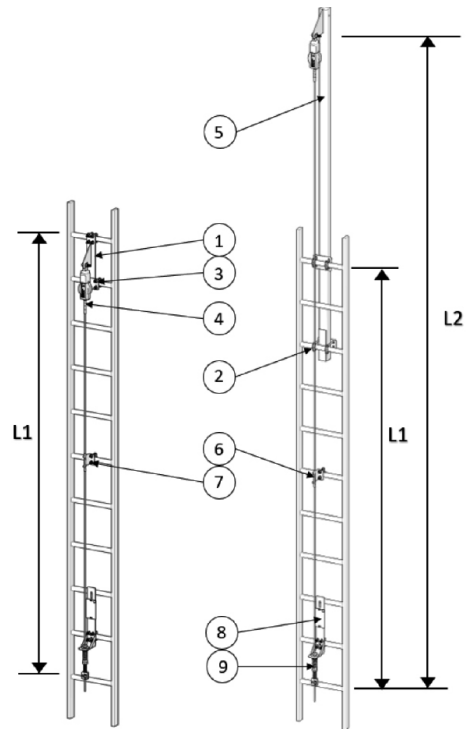
<b>STANDARD</b>	EN 353-1:2018 CSA - Z259.2.5-17 ANSI - Z359.16-2016
<b>MAXIMUM SIMULTANEOUS USERS</b>	Up to 2 users (if using a LadderLatch device & TowerLatch device) Up to 4 users (if using a TowerLatch SP device)
<b>CAPACITY PER USER</b>	Minimum 50 Kg Maximum 150 Kg
<b>RANGE OR RUNG SPACING</b>	8.86"-12." (225 mm-305 mm)
<b>RANGE OF RUNG SIZES</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Diamond</b></p>  <p>18mm 0.71"    25.4mm 1"</p> </div> <div style="text-align: center;"> <p><b>Square</b></p>  <p>20mm 0.79"    30mm 1.18"</p> </div> <div style="text-align: center;"> <p><b>Round</b></p>  <p>12mm 0.47"    31.75mm 1.25"</p> </div> </div> <p style="text-align: center;">  = Minimum Rung Size     = Maximum Rung Size         </p>
<b>CABLE DIAMETER</b>	8 mm, 1 x 19 Stainless Steel 316
<b>MATERIALS</b>	<ul style="list-style-type: none"> <li>Vertical lifeline and components: 316 Stainless Steel (1.4401)</li> <li>Extension post: Mild Steel – Galvanized</li> <li>Energy Absorber: 316 Stainless Steel (1.4401), PVC M5240 &amp; Nylon 66</li> <li>LadderLatch device: 316 Stainless Steel, 17/4 PH Stainless Steel, Steel, Nylon 6 &amp; ABS</li> </ul>
<b>EXTENSION POST HEIGHT</b>	2 m above the top rung of the ladder
<b>OPERATING TEMPERATURE</b>	50°C (112°C) to -50°C (-58°C)
<b>COMPONENTS (SEE NEXT PAGE)</b>	<ol style="list-style-type: none"> <li>Galvanized Top Anchor</li> <li>Extension Post Fixing Kit (only available in kits with Extension Post)</li> <li>Top Anchor Fixing Kit</li> <li>Energy Absorber Lifeline Assembly</li> <li>Galvanized Extension Post (only available in kits with Extension Post)</li> <li>Ladder Mount Intermediate Cable Guide</li> <li>Cable Guide Fixing Kit</li> <li>System Label Kit</li> <li>Bottom Anchor Assembly</li> </ol>
<b>TOOLS REQUIRED</b>	<div style="display: grid; grid-template-columns: repeat(5, 1fr); gap: 10px;"> <div style="text-align: center;"> x1 (19mm)</div> <div style="text-align: center;"> x2 Max (30mm)</div> <div style="text-align: center;"> x1 (17mm)</div> <div style="text-align: center;"> x1 (10Nm-60Nm)</div> <div style="text-align: center;"> x1 (5mm)</div> <div style="text-align: center;"> x1 (17mm)</div> <div style="text-align: center;"> x1 (19mm)</div> <div style="text-align: center;"> x1</div> <div style="text-align: center;"> x1</div> <div style="text-align: center;"> x1</div> </div>

## Vertical Ladder Kit Ordering Information

Part Number	L1
30924-00	20 ft. (6 m)
30925-00	40 ft. (12 m)
30906-00	60 ft. (19 m)
30907-00	80 ft. (25 m)
30908-00	100 ft. (31 m)
30909-00	120 ft. (37 m)

## Vertical Ladder Kit with Extension Post Ordering Information

Part Number	L1	L2
30914-00	20 ft. (6 m)	25.6 ft. (9 m)
30915-00	40 ft. (12 m)	45.6 ft. (15 m)
30916-00	60 ft. (19 m)	65.6 ft. (21 m)
30917-00	80 ft. (25 m)	85.6 ft. (27 m)
30918-00	100 ft. (31 m)	105.6 ft. (33 m)
30919-00	120 ft. (37 m)	125.6 ft. (39 m)
30920-00	140 ft. (43 m)	145.6 ft. (45 m)



## Kits with Stainless Steel Extension Posts Ordering Information

Part Number	L1	L2
30926-00	20 ft. (6 m)	25.6 ft. (9 m)
30927-00	40 ft. (12 m)	45.6 ft. (15 m)

## LadderLatch Device Ordering Information

Part Number	L1
3103L-00	CSA - Z259.2.5-17
3104L-00	ANSI - Z359.16-2016



Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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