



## *SL2.5 & SL3 Scissor Lift Specifications*

The **MacLean Engineering Scissor Lift** is designed to provide a safe work platform for installation of services in mine tunnel headings up to six meters (twenty feet) high. The Scissor Lift is fully equipped as a standard for the multi-tasking required in today's underground trackless mining environment. Both the SL2.5 and SL3 models are versatile vehicles best suited for installation of ventilation ducting, electrical reticulation, and piping for air and water services. Also, rehabilitation projects are conducted safely and efficiently from the level work deck, elevated to a comfortable work height.

### BENEFITS

---

- Complete drift coverage from single setup
- Long life power train using industry proven components
- Clean burning, fuel-efficient engine minimizes harmful emissions
- Low cost, dependable mine supply vehicle
- The SL3 offers ease of maintenance with electronic engine diagnostics, accessible fuel filling and grease points
- The SL2.5 offers simplicity of mechanical engines or flexibility of electronic engines
- Superior traction due to four wheel drive and powershift transmission

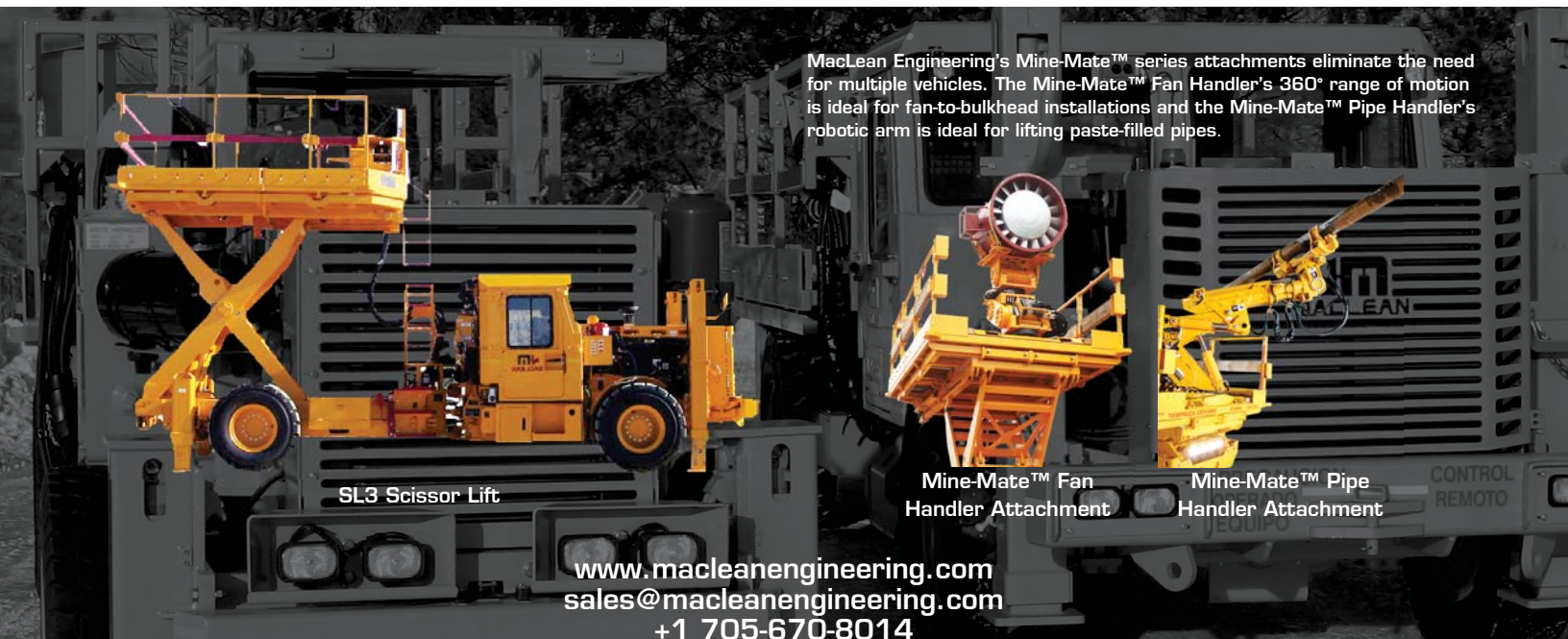
### SAFETY FEATURES

---

- Safety lock bar for raised maintenance work
- Four 0.41m (16") stroke stabilizing jacks
- Emergency deck lowering mechanism
- Anti-slip dimple plate on all step surfaces and three-point contact on all climbing areas
- Remote engine start/stop from deck
- Control system on deck and driver's compartment
- Fixed safety handrail system with lanyards and interlocks
- Automatic back-up alarm
- Optional CSA rated ROPS & FOPS canopy or enclosed cabin for driver's position
- Optional rearview camera
- Optional Ansul fire suppression and Checkfire fire detection
- Optional hand held fire extinguisher

## MODEL DIMENSIONS & OPTIONAL FEATURES

|                                 | <i>SL2.5 Scissor Lift</i> | <i>SL3 Scissor Lift</i>              |
|---------------------------------|---------------------------|--------------------------------------|
| <b>Empty Weight</b>             | 13 600kg (30,000lbs)      | 15 400kg (34,000lbs)                 |
| <b>Width</b>                    | 2.13m (84")               | 2.44m (96")                          |
| <b>Length</b>                   | 7.68m (303")              | 7.98m (314")                         |
| <b>Tramming Height</b>          | 2.46m (97")               | 2.49m (98")                          |
| <b>Steering Angle</b>           | +/- 40°                   | +/- 40°                              |
| <b>Inside Turning Radius</b>    | 5.46m (215")              | 5.56m (219")                         |
| <b>Outside Turning Radius</b>   | 7.87m (310")              | 8.31m (327")                         |
| <b>Deck Height (lowered)</b>    | 1.40m (55")               | 1.42m (56")                          |
| <b>Deck Height (raised)</b>     | 3.63m (143")              | 3.66m (144")                         |
| <b>Deck Dimensions</b>          | 2.13m x 3.66m (7'x12')    | 2.44m x 3.66m (8'x12')               |
| <b>Engine</b>                   | Deutz TCD 2012 L4         | Deutz TCD 2012 L4                    |
| <b>Transmission</b>             | Dana 32000                | Dana 32000                           |
| <b>Axles</b>                    | Dana 123                  | Dana 113                             |
| <b>Optional Features</b>        |                           |                                      |
| <i>ROPS/FOPS Canopy</i>         | Yes                       | Yes                                  |
| <i>ROPS/FOPS Enclosed Cabin</i> | Yes                       | Yes                                  |
| <i>Engine</i>                   | Mercedes 904              | Deutz TCD L6 or Mercedes (4 or 6cyl) |
| <i>Side Shift</i>               | 0.56m (+/-22")            | 0.61m (+/-24")                       |
| <i>Forward Shift</i>            | 0.76m (30")               | 0.76m (30")                          |
| <i>Remote Drive System</i>      | Yes                       | Yes                                  |
| <i>Attachment Compatible</i>    | No                        | Yes                                  |



MacLean Engineering's Mine-Mate™ series attachments eliminate the need for multiple vehicles. The Mine-Mate™ Fan Handler's 360° range of motion is ideal for fan-to-bulkhead installations and the Mine-Mate™ Pipe Handler's robotic arm is ideal for lifting paste-filled pipes.

SL3 Scissor Lift

Mine-Mate™ Fan Handler Attachment

Mine-Mate™ Pipe Handler Attachment

www.macleaneengineering.com  
 sales@macleaneengineering.com  
 +1 705-670-8014