



LARGE ANIMAL RESCUE RECOMMENDED EQUIPMENT LIST

NOTE: The equipment listed below is intended for use by personnel with certified training in large animal technical rescue. Use of this equipment without adequate training can result in serious injury or death of animal or human.

SAFETY EQUIPMENT (Human and Animal)

- Human Personal Protective Equipment (Helmets, Gloves, Eye Protection, Life Vests, Safety Harnesses, etc.)
- Animal Protective Equipment - Horse Head Protector / Animal Head Carry Device (commercially manufactured or a child / adult sized life jacket, blanket, medical carry tarp, etc.)
- Identifying Vests for easy responder role identification on an incident scene when working with unfamiliar mutual aid or outside resources (vests with labels for IC, OPS, Safety Officer, Animal Handler, Animal Rescue, Vet, Logistics, etc.)
- Equine and Human Aid Bag (i.e. bandaging, hemorrhage control, wound irrigation, vital sign assessment, blankets, etc.)
- Battery Operated Handheld Radio Communication System (recommended greater than 1-mile serviceable distance)

BASIC AND RESOURCED EQUIPMENT (Equipment purchased, on-hand, or provided by other resources as needed)

- Tarps (large enough to cover deceased large animals and to use for staging equipment, etc.)
- Hand Tools (shovels, saws, hammers, fence tool, wire cutters, axes, hatchets, loppers, pry bar, etc.)
- Battery Operated Tools (reciprocating saw with various blade types, drill, grinder with various discs, impact wrench, etc.)
- Portable Lights / Flashlights / Headlamps
- Generator (for remote locations where vehicle access is limited)
- Cribbing (Wood Blocks), Wheel Chocks, Air Bags, or other stabilization tools
- Backboards / Plywood (to cover holes, overturned trailer windows, etc. during extrication or rescue or use as shoring boards to distribute weight in unstable ground situations or for use as "pig-boards" to herd smaller livestock animals)
- Rubber Mats (rolled rubber matting, square or rectangle stall mats, etc. to provide traction on slick surfaces)
- Emergency Rope Halters, Livestock Halters (various species and sizes) and Lead Ropes (at least 10 feet long)
- Crops, Buggy Whips, Equine Training Devices, Cattle Paddles, etc. (to help stimulate movement of large animals when necessary or defend personal space)
- Local Resource List (livestock handlers, horse transporters, livestock transporters, beekeepers, exotic / wildlife animal handlers, veterinarians (various species), heavy equipment companies and operators, temporary stabling/housing or containment locations, carcass removal, large wreckers, abattoirs (slaughter facilities), all-terrain vehicles and operators, certified chemical immobilization (darting) professionals, septic tank companies, etc.)
- Webbing Straps – At least two 3-4-inch-wide by 30 feet long with loops on both ends.
- Arm Extensions (Pike pole, boat hook, cane, or commercially manufactured equipment)
- Strap Guide / Needle Guide / Nicopolous Needle Webbing Application Tools
- Temporary Containment Fencing (corral panels, Homemade LAR containment and relocation fencing, etc.)

COMMONLY USED SPECIALIZED EQUIPMENT (Specialized equipment used on the most common rescue operations)

- Large Animal Relocator Sked / Glide Kit (sked/glide, body attachment straps, hobbles with rope and pulley, head strap, etc.) and at least one Secondary Support Sheet / Slip Sheet (Homemade or commercially manufactured)
- Simple Vertical Lift System complete with Sling (Girth Torso Strap / Flank Torso Strap / Front Chest Strap / Rear Butt Strap), Spreadbar, Rope, Carabiners, and Rigging Hardware for System (Becker/Häst Sling and Spreadbar System, or other commercially manufactured system, etc. – NOT A LONG-TERM HOSPITALIZATION SLING SUCH AS THE ANDERSON OR LIFTEX SLINGS WHICH ARE NOT RECOMMENDED FOR RESCUE OPERATIONS)
- Minimum 4:1 Lift / Drag Mechanical Advantage System (All Rated Equipment - 300-foot ½ inch Static Kernmantle rescue rope, pulleys, carabiners, progress capture devices, etc.)
- Mud Lances with operating attachments (Air and/or Water) and Manifold
- SCBA / Portable Air Tanks / Air Compressor (for mud lances, air bags, etc.)

ADDITIONAL EQUIPMENT

- Additional Webbing Straps of various lengths
- Additional Carabiners (rated for load – steel and aluminum – locking gate)
- Additional Pulleys and other Rigging Hardware to set up basic change of direction and mechanical advantage systems
- Additional Rope (Rated 1/2in or 5/8in Static Kernmantle Rescue Rope for Lifts and Drags or Utility Rope for tag lines)
- Rescue Clip with Extension Pole
- Portable Anchor System (Anchor Bar with Stakes, Anchor Sling with D-Rings, Picket System, etc.)
- Monopole / Bipod / Tripod Lift System (or access to heavy equipment capable of safely lifting a large animal)