

## GIMAEX Aerial 100 feet

...built to save lives



The new to the North American market Gimaex Phoenix 100 FL automatic turntable ladder set is a proven, tested and certified piece of equipment you need to consider for your next apparatus.

Packed with features that make you faster, safer and with more options on the fire ground the Gimaex Phoenix 100 FL offers:

- **Self leveling** of aerial device directly in the ladder set. This feature permits faster set up as well as more accessibility into tough to deploy areas.
- **Compactivity.** We use this term to describe the packaging of this 100 foot aerial ladder set into a vehicle that can be designed into a 31 to 32 foot overall length. This feature lets you park into a pumper bay! More capabilities in the same size package...that is Gimaex.
- **Polished performance.** The "smooth motion" of the Gimaex Phoenix 100 FL ladder comes from years of experience and product analysis. One ride will prove it for yourself...this is a well designed machine that serves the worlds most demanding customers.
- **No overhang**
- **X + A Type Stabilization.** The value of choice! We at Gimaex believe you should have your equipment designed the way you need to use it. We offer both "X" style and "A" style outrigger systems that permit you to determine the footprint that serves you best. Our "X" style design also allows you to short jack to provide even more operating options.
- **Rescue Cage.** This is where real world experience meets your needs with a feature you may have never considered. Without the addition of overbuilt chassis, heavy axles and aerial mass for limited return we have provided you a design that adds to your performance on scene with a rescue cage that provides a safe way to extricate victims, deploy your crew or get to the challenging spots without making the whole apparatus too big.



• **Envelope Control.** Safety is critical in modern firefighting and Gimaex will not let you down with the Phoenix 100 FL electronic envelope control package. The features built into the Envelope Control allows us to have:

- Additional 25ft rescue height based on elevation.
- Possibility of short jacking with computer adjustments to alert you to performance abilities.
- Increased overall safety with an integrated system that gives you real time alerts and status reports of all systems while operating.
- Possibility of ladder rescue cage operation to deploy the crew, rescue victims or both.
- Versatility of payload outreach that lets you explore the out reaches of aerial performance safely.
- Cab and Body collision and additional obstruction proximity detection and warning systems to keep accidental damage at bay.



**GIMAEX 100' + Specifications**

Chassis Type	SPARTAN FLAT FLOOR DIAMOND DA40M MEDIUM 4 DOORS CAB
Gross Vehicle Weight	23,000 + 31,000 lbs
Engine	Cummins ISM 500 HP
Transmission	Allison EVS ISL/C9
Wheelbase	220"
Overall Length	36' – 7"
Total Width	8' – 5"
Total Height	11' – 8"
Tail Swing Diameter	5' – 6"
Aerial Ladder Type	GIMAEX 100' +
Vertical Reach	100'
Rated Capacity	550 lbs Wet or Dry
Outrigger Design	X crisscross + under-slung
Outrigger Spread	0' – 10" to 17' – 9"
Horizontal Reach	60' @ 360° sweep
Grade Capability in Side/Side Slope	+/- 9°
Grade Capability in Front/Rear Slope	+/- 18° @ +55°
Rescue Time	< 75 sec
Fiber Glass Body Storage Capacity	165 cu.ft.
Storage Availability # 1	103' of ground ladders
Storage Availability # 2	40 cu.ft. hosebed
Optional Equipments	
APOLLO Rescue Cage	Rated Capacity 750 lbs Dry
Midship Water Pump	Hale 8 FGR Series 3,000 gpm
Watertank	Capacity 300 gallons
Twin -Waterway	2 x 4" side mounted
Monitor	1,000 gpm @ 45° side sweep
One Seven® Compressed Air/Foam	OS 3100

But we do not stop there. This is an experienced field tool that has special options you can equip to your Phoenix 100 FL to get the job done right. "Options include":

- Obstacle Detection System (ODS) that keeps you safe all the time.
- Electromagnetic Detection System (EDS) that provides state of the art warning in range of power lines and electrical risks.
- ROBO Safe (repeat motion) rapid rescue and effective victim extraction is achieved by a system that will repeat its motions to "pluck and deliver" the same evolution thus saving time and lives.
- Video Safe (camera option at the rescue cage) acknowledges the most valuable part of the aerial is your crew so we provide digital eyes when it is too unsafe to place your people there.
- Remote Diagnosis System. This is simply the pinnacle of modern firefighting service ability. Our system provides a satellite signal that permits us to trouble shoot, monitor and alert you to operational events that you need to know. This represents the absolute height of customer service and we at Gimaex offer you nothing but our best.



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