



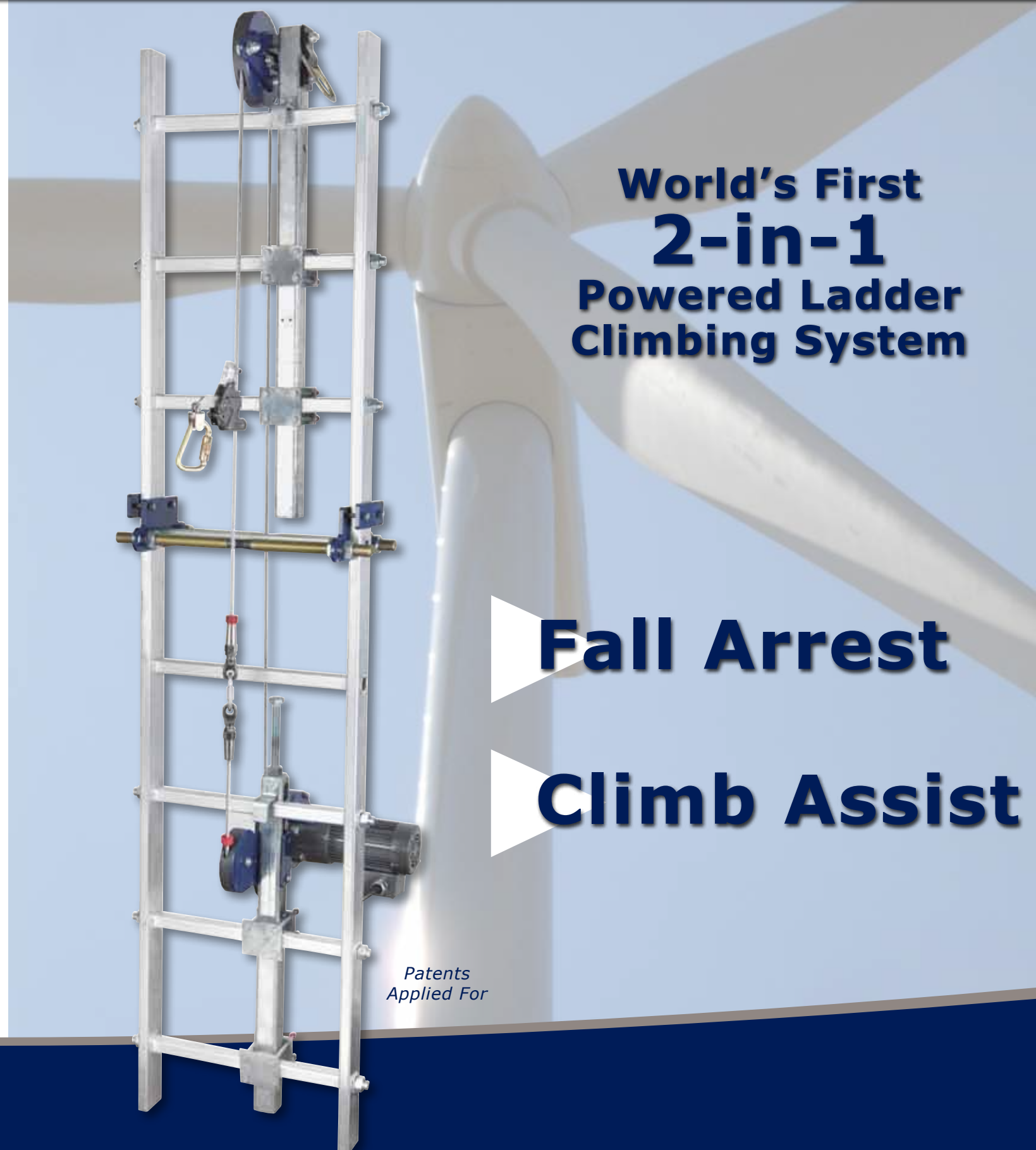
LAD-SAF™ POWERED CLIMB ASSIST SYSTEM COMPONENTS	
Model #	Description
6160006	Lad-Saf™ Powered Climb Assist System; top & bottom brackets, motor assembly
9504786	Control Panel 220V UL (USA)
9505106	Control Panel 110V UL (USA)
9504787	Control Panel 220V CE (Europe)
9502994	Control Panel 220V CE (No Power Cord)
6160003	Intermediate Cable Guide
6100151	Rung Support
6170000	Cable Assembly; To order, double the length of ladder & add 20 ft. (6m) (Last three digits in part number detail length needed in feet)
6116540	Lad-Saf™ Detachable Sleeve with Attached 2000112 Carabiner
6116507	Lad-Saf™ Detachable Sleeve with Shock Absorber & 2000117 Carabiner (CE/Europe)

Specifications:

Top Bracket and Bottom Bracket: Galvanized steel, Zinc plated steel, Stainless steel, Aluminum, & Nylon
Motor: 3/8 HP, 0-70 RPM, TCFC (Totally Enclosed, Fan Cooled), insulated-class F, inverter duty
Other parts: Galvanized steel, Zinc plated steel, Stainless steel, Aluminum, Nylon
Cable Assembly: Galvanized cable 5/16" diameter 7x19 construction, Stainless Steel swageless terminations, Urethane bumpers
Control Panel Assembly (9504786, 9504787 & 9502994): 200-240VAC, single phase, 50-60 Hz, full load amps 6.1, fused 10A-J class, Nema 12 (9505106) 110-120VAC, single phase, 50-60 Hz, full load amps 11, fused 15A-J class, Nema 12
Electrical Standards: (9504786 & 9505106): UL 508A (9504787 & 9502994) ISO 12100-1 & 2:2003, EN 14121:1999, EN 60204-1:2006, EN 61000-6-4, EN 61000-6-2
Fall Protection Standards: OSHA 1910.27, ANSI Z359, ANSI A14.3 for ladder safety systems, EN353-1:2002, EN360:2002, 5.1.2.1



FALL PROTECTION ACCESSORIES	
Model #	Description
1102342	ExoFit™ Wind Energy Harness with dorsal protection (Large)
1102387	ExoFit™ Wind Energy Harness with hip pad & belt and dorsal protection (Large)
1245208	Force2™ 100% tie-off shock absorbing lanyard, SafLok Max™ hooks (6ft /1.82 m)
3320350	Rollgliss™ R500 Descender, 350 ft. (105m), rescue hub, ladder bracket, accessories & bag



World's First
2-in-1
 Powered Ladder
 Climbing System

Fall Arrest

Climb Assist

Patents Applied For

SAFE AND EFFORTLESS CLIMBING

The Lad-Saf™ Powered Climb Assist System was specifically developed to provide both climbing assistance and fall protection for those who climb the internal ladders of wind turbines. This unique system does not require a separate or secondary fall protection system, which is unlike any other system on the market today. Our “dual” system approach saves time and money, simplifies safety and increases worker productivity.

LAD-SAF® DELIVERS ULTIMATE CLIMBING ADVANTAGES

Feature	Benefit	DBI-SALA	Other Systems
2-in-1 System Design	Offers both climbing assistance and fall protection saving time and money, simplifying safety and increasing worker productivity	YES	NO
Fall Arrest Rated	In the event of a fall, the system will lock arresting the user - no secondary system required	YES	NO
Powered Climb Assist	Provides weight relief to reduce worker fatigue and improve climbing longevity	YES	some
Adjustable Assist Range 45-120 lbs.	Personalize for a wide range of climbing styles and user weights for effortless ascent and descent	YES	some
Transportable Control Box	Reduces overall cost of system by allowing electrical box to be easily moved from one turbine to another	YES	some
Plug-and-Play Design	Simply plug control box into power outlet and motor and you're ready to climb	YES	NO
Steel Lifeline	Improves durability for extended product life and safety	YES	NO
Swageless Lifeline Terminations	Allows fast and easy installation - 50% faster than rope splicing	YES	NO
Ladder-Top Anchor Point	Improves safety by ensuring 100% tie-off while egressing on or off the climb assist system	YES	NO
Easy-Mount Brackets	Optimizes installation by providing built-in bracket hangers	YES	NO
Control Panel	110V and 220V options available adapting to 50 or 60 Hz ensuring global compatibility	YES	some



UL Listed Patents Applied For

Extremely Easy-to-Use and Operate

- Turn on device at control box and select personal lift range of 45-120 lbs.
- Attach Lad-Saf™ Sleeve to cable and harness front D-ring.
- Activate system by locking sleeve and moving cable slightly.
- Movement switches the motor to “on” advancing the cable.
- Climbing assistance provided in both up and down directions.
- Should a fall occur, the system will lock-up allowing the user to regain footing.
- Simply stop climbing for 4 seconds to deactivate and pause the motor.