

**Afron SA 350/500 Power Ladder**  
**SPECIFICATION SHEET**

**SPECIFICATIONS**

**SA-350**

**SA-500**

<input type="checkbox"/> Platform Height	11' 4" (350 cm)	16' 4" (500 cm)
<input type="checkbox"/> Working Height	16' 4" (500 cm)	21' 3" (650 cm)
<input type="checkbox"/> Platform Load Capacity	330 lbs(150 kg)	330 lbs (150 kg)
<input type="checkbox"/> Overall Width	6' 1" (186 cm)	7' 4" (225 cm)
<input type="checkbox"/> Overall Length (boom down)	13' 1" (400 cm)	18' 1" (552 cm)
<input type="checkbox"/> Overall Height (boom down)	4' 6" (137 cm)	4' 6" (137 cm)
<input type="checkbox"/> Approximate Weight	2536 lbs (1150 kg)	2867 lbs (1300 kg)
<input type="checkbox"/> Tires (3)	26x12x12, 6 ply	26x12x12, 6 ply

**PROPELLING:**

- Two wheels drive independently.
- One caster wheel.
- Planetary gear final drive ~ tapered and sealed ball bearings.
- Hydraulic drive.
- Fail safe brakes, friction type, lock the two drive wheels until hydraulic pressure is built up in the main hydraulic pump.

**ENGINE:**

- Honda 11 HP gas engine.
- Easy start, dependable, low fuel consumption, low maintenance, very quiet.
- Since the system is very efficient the machine can operate on idling R.P.M.
- Electric start and re-coil.

**FUEL SYSTEM:**

- 5.3 gallon (20 liter) fuel tank
- Gravity feed
- Fuel filter
- Large filling port.

**ELECTRIC SYSTEM:**

- 12 V system with electric start and charging 38 AMP battery.
- Battery main switch on/off.

**CONTROL:**

- All controls are at the operator platform.
- Direct control on hydraulic system.
- Tower control hand and foot; additional control at engine base.
- Mechanical throttle foot control.

**HYDRUALIC SYSTEM:**

The open center hydraulic system is equipped with a replaceable suction filter element, oil tank sight gauge and oil flow shut off valve. The heavy duty, tower hydraulic cylinder includes a built in descending flow control and load limiting valves for added safety. Hydraulic wheel motors operate the high torque, planetary gear to ensure you have plenty of drive torque for the most extreme ground conditions. External, ½" hydraulic quick couplers allow the use of hydraulically powered pruning tools.

**FRAME:**

The frame base and legs are constructed from 1 - 1/2-inch (40 mm) thick, solid steel plate to ensure a low center of gravity for superb stability. The solid steel plate also yields an extremely heavy duty machine built to last even when used in the most extreme ground conditions. The leveling arm of the machine is housed inside the boom providing a smooth, clean exterior lessening the chance of damaging trees while traveling through the orchard. All of the machine pivot points utilize a chrome pin with a greaseable, bronze bushing to minimize wear even when working in a dusty invironment. All hydraulic hoses, electrical wires and cables are housed inside the boom to ensure they are well protected from falling braches and debris. The Shell type engine covers fully enclose the engine and battery providing excellent protection from falling branches and debris, theft and vandalism. All frame parts are sand blasted, zinc painted undercoat with enamel top paint.

**TOWING:**

The drive wheel planetary gears include Quick disengage buttons and the caster wheel comes equipped with a tow bar for easy towing. (Towing speed up to 20 MPH)

**PRICE:**

Please inquire for pricing.

**OPTIONS**

- Diesel engine
- Picking Container
- Pruning Box
- Pruning Tool Holder

**SALE CONDITIONS**

- PRICES** F.O.B., TOL Incorporated
- DELIVERY** According to availability
- TERMS** 20% deposit required to confirm an order.  
Balance due on delivery.

**NOTES**

- Specifications, design, prices, and delivery may be changed without notice or obligation.