

# AJOONI MANUAL STACKER (AMS)



**AJOONI** Handling Equipments

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# AJOONI HANDLING EQUIPMENT'S

## Manual Stacker



This manual stacker designed for lifting and moving of pallet with different weight carrying capacity. We manufacturer economy and maintenance free manual stacker with international industrial parameters. Manual stacker safely stack any size of plastic and wooden pallets up to desired height. It's operate manually and having a manual hydraulic cylinder which gives us low cost effective handling solution. AJOONI produce manual stacker in different color as per customer requirement. Manual stacker moved with minimum force and its design that allows 360° rotations.

We manufactured our products using quality assured components that are procured from the certified vendors of the market. Our quality experts strictly test each machine and check all parameters to ensure its 100% safe and work perfectly.

### Features:

- Easy 3 position control handle-- Raise, Lower, Neutral.
- The stacker lifts the weights with a manual or pedal hydraulic device and loads weights with manual pull and push at a low position.
- Manual stacker speed is controlled by using the pedal and hand

lever.

- AJ OONI manual stacker is available in double tone safety color scheme with durable powder coat paint.
- The high efficiency cast-pump jack has a one year manufacturer's limited warranty.
- Heavy duty iron saddle wheels gives high durability of hand stacker during up/dn movement.
- The handle automatically returns to vertical upon release.
- Structural made by heavy duty steel.
- Manual stacker can be raised up to 3000mm off the ground as per customer requirement.
- Its Reduce time lost to personnel injuries and help increase your facility's productivity.
- We provides handler 500, 1000, 1500 and 2000 kg Capacity.
- Easy use by all operators. Regular handle discharges the load.
- Extremely small turning radius grants it to be operated in the more narrow space.
- It applies C frame with the more stable and secure lift with extra strength.
- We provide fixed fork and movable fork as per customer requirement.

### Full-function control handle with neutral



A few strokes of the large steering handle provides a full 1600 mm of lift. A convenient control lever has three positions: Raise, Neutral and Lower. The neutral position eliminates backpressure from the pump, allowing the handle to move freely. Lowering speed is controlled at all load capacities. The handle is spring loaded and returns to a vertical position when released. The handle thick ness and angled shape is designed for the most fatigue free operating position.

### Hydraulic unit proven reliability

One of the most critical parts of a manual stacker is the hydraulic pump. It must withstand thousands of lift/lower cycles, and yet be easy and inexpensive to repair. The Ajooni stacker 2.0 is life tested to a minimum of 1,00,000 pump cycles. The enclosed lift pump means that there are no exposed parts such as valves or levers, which can be broken or damaged.



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## Durable frame and articulating wheels

A robust, cross-braced frame provides unrivalled strength and durability. Steel forgings are used on the lift linkage. For easier handling and control, the AMS has large 180 mm steer wheels. Steer and load wheels use high quality compounds that lower rolling resistance, provide long life, and are smooth and quiet in operation. To ensure continuous contact with the floor, the wheels articulate to ensure you never have the weight of the load on just one wheel. Hubcaps protect the bearing and steer axle from side impact damage and contamination.



## Long-term value



Ajooni utilizes high-grade steel combined with extra weld length and additional stiffening where necessary, especially in the area of apron pivot bosses. Thorough preparation of the assemblies before receiving a powder paint process ensures the highest levels of paint adhesion and long term protection.

## Strong fork design

The C-channel fork design uses formed steel members with steel reinforcing at key stress areas. Evidence of Ajooni's emphasis on reliability is apparent with the choice of boxsection pushrods which are stronger and more durable than other pushrod designs. The proof is the full load capacity of 2000 kg with all fork lengths up to 1100 mm.



Description	Unit	AMS 0512	AMS 0516	AMS 1016	AMS 1020	AMS 1030	AMS 1516	AMS 1530	AMS 2016	
Capacity	Kg	Upto 500			Upto 1000		Upto 1500		Upto 2000	
Load Center	mm					500 / 600				
Max. Lift Height	mm	1200	1600	1600	2000	3000	1600	1600		
Min. Fork Height (F. Top)	mm					85-90				
Mast Height	mm	1650	1950		2050					
Fork Length	mm	700			900 / 1100					
Fork Width	mm	100			150					
Overall Fork Width	mm				570 / 680 ( variable)					
Cylinder Rod Dia	mm	32		36		40		45		
Cylinder Stroke	mm	600	800		1000	1500	800			
Load roller (Single)	mm					∅ 80 x 70				
Steering Wheel	mm					∅ 180 x 50				
Turning Radius	mm	1150			1320					
Material of Wheel	Std.					Nylon / PU				
Overall weight	kg	~80	~90	~180	~210	~225	~195	~215		

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AMS 1016 / AMS 1030 / AMS 1516 / AMS 2016

