

# Pallet Inverter



Avoid lost productivity from double handling

**Exchange Pallets quickly and safely**

MADE IN  
AUSTRALIA

## Effectively rotate pallets to work with your system

Safetech designed Pallet Inverters are robust and proven in a variety of environments. By eliminating manual stacking of pallets, customers benefit by reducing double handling and diminished injury risk to workers.

Safetech Pallet Inverters handle a wide variety of load dimensions and capacities up to 2000kgs. Robust construction ensures a long work life and Safetech have manufactured inverters that have performed more than 1,000,000 rotations.

### What do Pallet Inverters do?

Pallet Inverters are used for the rotation of pallet loads where exchange of pallets or inversion of product is required.

Without a Pallet Inverter it is necessary to load and unload pallets by hand which is difficult, slow, and a source of potential worker injury.

Pallet Inverters eliminate the need for manual handling and therefore eliminate the injury risk whilst increasing cycle times and productivity.

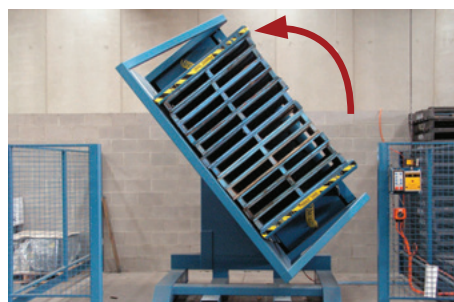
### How does it work?

Pallet inverters consist of a rotating box incorporating a clamping mechanism attached to a fixed base frame.

- The clamp is hydraulically actuated and the sensor plates prevent any product damage.
- Rotation occurs around the large precision bearing and is powered by a torque boosted VSD Controlled electric motor.
- Inverter function is controlled by the on-board Microprocessor controller which provides fault diagnosis, consistent and trouble free operation.
- The operator (usually the forklift driver) needs to press only one button to initiate a full cycle.



### Inverting Sequence .....>





# Options & Specifications

## Options

- Full height fencing to prevent personnel from inadvertently standing too close during operation.
- RF and IR Remote Control.
- Remote control to minimise the need for the forklift driver to leave his seat.
- Light curtain with Safety Interlocking in addition to safety fencing.
- High speed operation.
- Three model options are available, allowing flexibility of the opening clamp dimensions for larger or smaller pallet sizes.

## Safety

Pallet inverters can operate automatically and operators and other workers in the vicinity need to be protected from any contact with the inverter as it rotates.

Safety fences are essential and interlock light curtains add extra security to workplaces.



Specifications	INV2000	INV2M	INV2L
Capacity	2000kg		
"Maximum Load (L x W)"	1250mm x 1250mm		
Maximum load height	1800mm	2100mm	2400mm
Minimum load height	700mm	700mm	1000mm
Overall height	3515mm*	3800mm*	4100mm*
Rotation	180 degrees		
Operation	Bi-directional clamp		
Pallet height sensing	Automatic		
Cycle time	25-35 seconds		
Power	3 phase 415 volt 20 Amp		
Controls	"Full function pedestal c/w Man/Auto & Emerg. Stop"		

\*at peak of rotation i.e. maximum height during operation

# Gallery



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