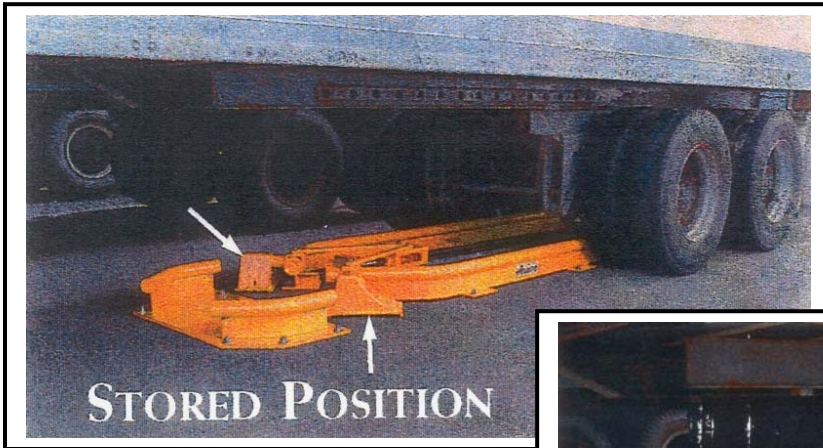
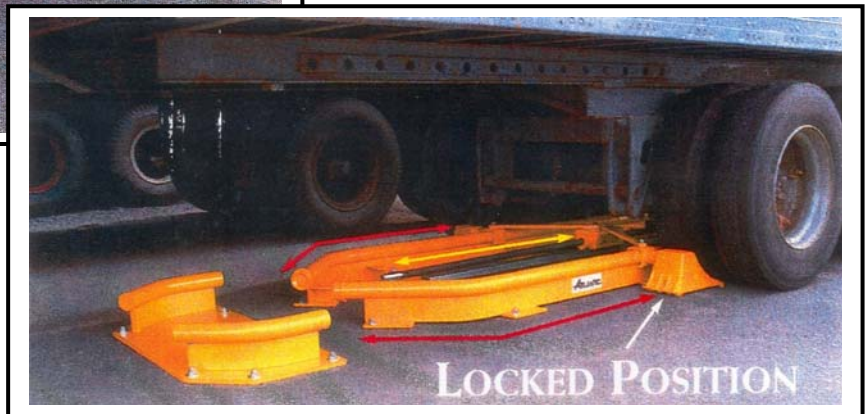


**New!** **ATLANTIC POWERCHOCK™**



Announcing the  
**NEXT GENERATION**  
of Truck Restraints



The Atlantic PowerChock™ Model APC-2000 is designed to secure freight carriers via chock blocks, firmly positioned against both sets of rear or tandem wheels, blocking truck position between dock bumping and the APC chocks. Chocks are automatically engaged or stored by pushbutton control from inside by dock attendant. Traffic control signals advise chock positions to both drivers and workers. This restraint serves all trucks, with or without ICC-bars.

**Atlantic's advanced features and effective, reliable operation  
make improved dock safety a reality**

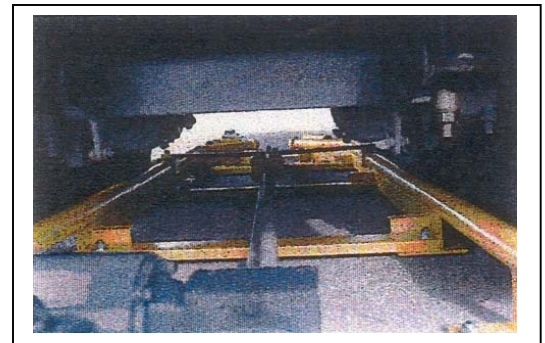
### **Safety/Performance Features**

- Works on all trucks with or without an ICC bar.
- Design guides truck into position at door/dock center.
- Accommodates both standard and air ride suspensions.
- No regular maintenance required.
- Automatic touch-button to engage or store chock.
- Operated from inside by dock workers.
- Full inside/outside traffic communications.
- Dual chocks of aircraft alloy aluminum rated at 73,000 lbs. each.
- Can be used with all dock leveling equipment.
- Standard single phase or three-phase power source.
- Can override automatic dock levelers until truck safety is provided.
- OSHA safety yellow product finished.



Control box and exterior signal light unit.

View from dock face looking under trailer. PowerChock™ rails assure proper truck position. Design offers ample clearance for both standard and air-ride suspensions.



### **Overview:**

The use of chock blocks has been a historical preference to prevent vehicle wheels from rolling. Vehicle Restraint Devices of various designs have been offered lately to engage a truck's "ICC" frame to restrict truck movement during freight handling at the loading dock. Past concerns of improper chock use and monitoring of chock position have encouraged development and promotion of those ICC frame type Vehicle Restraints. However not all trucks require ICC frame extensions and all ICC frame extensions do not offer a suitable connection.

Realizing a need to address applications which are not satisfied by ICC frame Vehicle Restraints and a preference to offer managed use of wheel chocks as a primary safety measure, Atlantic has developed the APC-2000 PowerChock™. This product allows the dock worker to control safety equipment for freight handling and satisfies regulations to secure all trucks before boarding.

Atlantic Engineered Products, L.L.C. reserves the right to alter details without prior notice or incurring obligation.

## **SPECIFICATIONS: Model APC-2000**

**General Description:** The Model APC-2000 PowerChock™, as manufactured by Atlantic Engineered Products, L.L.C., is designed to secure freight traffic, via chock blocks firmly positioned against both sets of rear or tandem wheels blocking truck position between dock bumping and APC chocks. Wheel guides for quick and accurate docking maneuvers direct truck to a repeatedly central loading position.

**Operation:** Truck is backed into guides for docking. No barriers or obstruction interfere with truck positioning. With truck spotted for service dock attendant touches “lock” pushbutton on control panel provided. Red traffic light advises truck to remain in position. Chock arms extend and engage chocks firmly against wheels. Inside pilot lamp changes to green to advise PowerChock™ has secured truck for boarding. To store PowerChock™, attendant touches “unlock” push-button. Inside lamp will go red to warn of non-loading condition, chocks will withdraw to stored position, and outside traffic light will signal green to allow truck departure. Unit can be manually released in the event of power failure without tools.

**Construction:** Atlantic PowerChock™ Model APC-2000 is fabricated with thick walled round tubular steel guides, ¼” steel chocking blocks and structural tube arms. Drive system is electrically controlled and hydraulically driven for maximum reliability with minimal service requirements. All fasteners are plated for corrosion resistance. Steel components are painted with Industrial grade finish for weather protection.

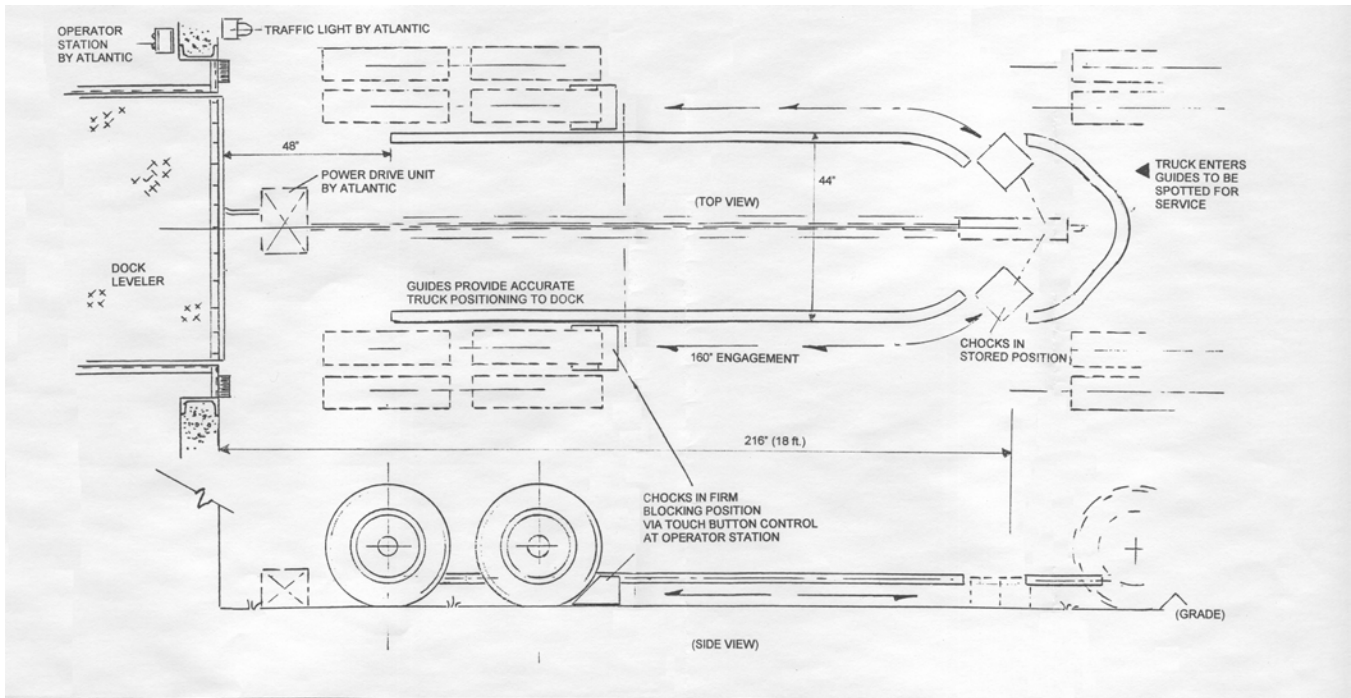
**Installation:** The PowerChock™ unit is grade mounted to concrete or blacktop surface (mounting plates available for gravel surface drives). No special yard preparation of trenching required. Can be used on sloped drives and truckwell applications. Position is secured by wedge type anchors by others. Contact Atlantic if unique yard conditions exist for installation recommendations.


**Electrical:** Operator’s station by Atlantic for remote mounting. Input power per customer requirements on 120/230 volt single phase or 230/460 volt 3 phase current, 60 hertz. Low voltage control transformer included within operator’s station. Pre-wired operator station is weatherproof with gasketed door. Field wiring from operator station to pump unit and controls by others. All components UL listed or recognized and meet or exceed the NEC regulations.

**Safety:** Wheel guides for accurate truck spotting at dock position avoids off centered leveler hazard. Guides and chocks painted OSHA safety yellow for quick identification in daylight or dark conditions. Outside traffic light with red and green lamps and signal control sign advise driver of safe truck movement. Inside red and green lamps advise dock workers of safe/unsafe loading conditions. Green load lamp is activated when chocks are firm against tires. Outside red lamp is lighted whenever PowerChock™ is activated. Green outside lamp is lighted when unit is stored.

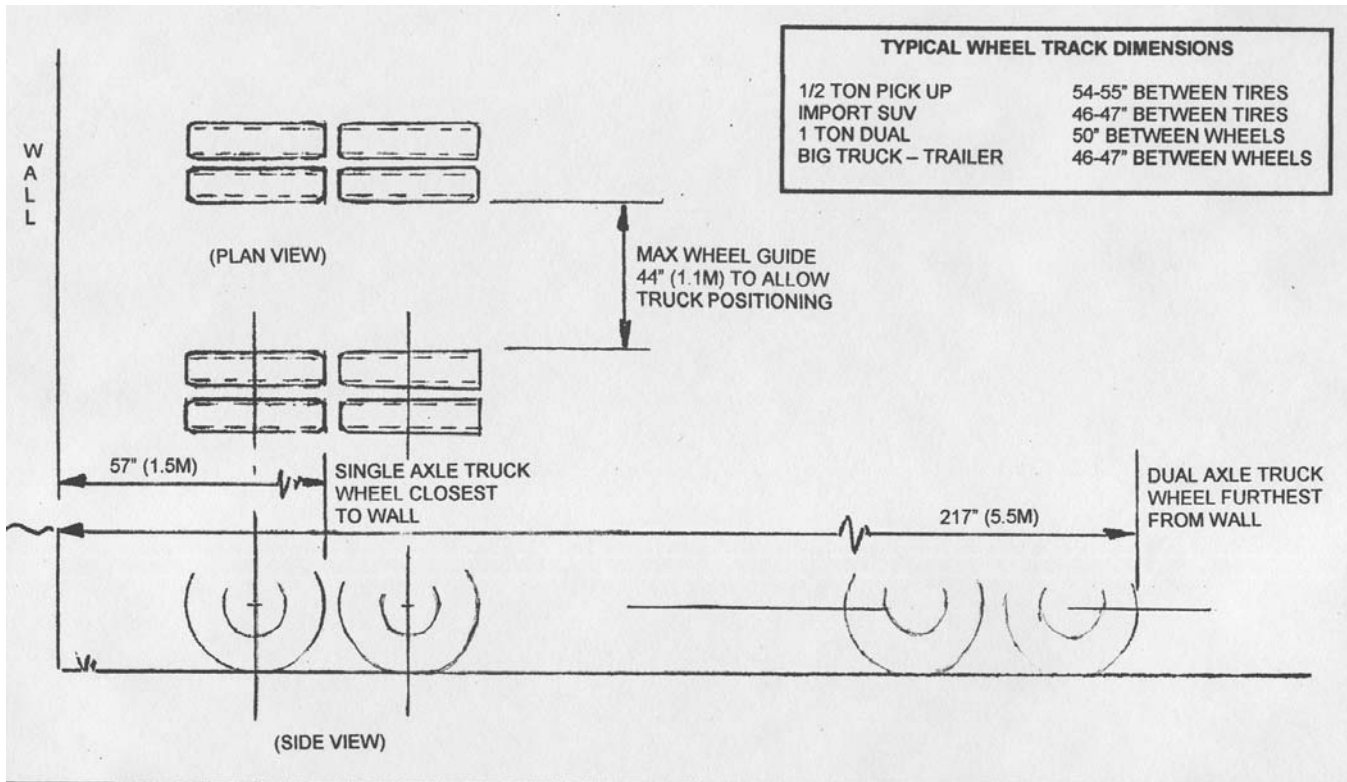
**Design Considerations:** Design of the Atlantic PowerChock™ standard unit allows easy yard cleanup without trash entrapment. The Atlantic PowerChock™ unit can be elevated by an exclusive (optional extra) feature to allow yard cleaning in areas of seasonal snow or to satisfy regular ground surface maintenance needs without obstruction. The Atlantic PowerChock™ design is sanitary with no cavities for insect or rodent nesting.

Atlantic Engineered Products, L.L.C. reserves the right to alter details without prior notice or incurring obligation.



PROJECT NAME:		 Engineered Products, L.L.C.		GENERAL ARRANGEMENT APC-2000	
PROJECT LOCATION:	ARCHITECT/ENGINEER:			DRAWN BY REP II	DATE 12/10/95
TOLERANCES UNLESS SPECIFIED					
MACHINED PARTS		± 1/16"	3 DECIMAL PLACES	± 0.005	
FABRICATED PARTS		± 1/32"	ANGLES	± 30'	
DRAWING NUMBER				APC-002-1	





<b>ATLANTIC</b> Engineered Products, L.L.C.				<b>GENERAL ARRANGEMENT WHEEL SET LAYOUT TRUCK &amp; TRUCK TRAILER</b>	
<b>DRAWN BY</b> REP II	<b>DATE</b> 7/9/95	<b>CHECKED BY</b>	<b>SCALE</b> NONE		
<b>TOLERANCES UNLESS SPECIFIED</b>					
<b>MACHINED PARTS</b>	± 1/16"	<b>3 DECIMAL PLACES</b>	± 0.005	<b>DRAWING NUMBER</b>	<b>APC-001-3</b>
<b>FABRICATED PARTS</b>	± 1/32"	<b>ANGLES</b>	± 30'		