

THE PROVEN SOURCE OF



INBOARD EXCELLENCE

**PCM**  
marine engines



### **THE PROVEN SOURCE OF INBOARD EXCELLENCE**

Never before has a company taken command of an industry more quickly or more completely than has Pleasurecraft Marine Engine Company. In less than 15 years, PCM has emerged as the largest manufacturer of gasoline inboard engines in the world, powering more inboard ski boats and pulling more tournaments than all other manufacturers combined.

PCM's march to the top has been fueled by an unwavering commitment to quality, innovation and improvement. From 12-foot runabouts to 45-foot deepwater cruisers, PCM builds unparalleled inboards for every hull and each features the same precision engineering and impeccable craftsmanship for which PCM has become famous.

PCM plants in Little Mountain, South Carolina and Canal Winchester, Ohio are outfitted with state-of-the-art equipment designed specifically for the engine marinization process. In addition to a 140,000-square-foot manufacturing facility, our 20-acre Little Mountain complex includes research, development and testing operations, and corporate headquarters.

### **CREATING THE ULTIMATE INBOARD**

Marine engines must withstand the severe demands of nature and man every time they hit the water. So each PCM engine is designed to meet the exacting performance standards imposed by PCM and expected by our customers.

The creation of a PCM engine begins with the basic premise that the ultimate inboard has yet to be built. Thus our engineers strive to improve and enhance performance capabilities at all times. Superior power is our goal and each technological advancement, no matter how minute, represents long hours of research, testing and dedication to our customers.

Once a design is approved for production, only the highest quality raw materials are used. Internal engine components are supplied by Ford and General Motors. Each engine is then marinized, integrating the boat builder's specifications with PCM technology and innovations. Computer numerical controlled equipment guarantees precision. The result is an inboard engine of the highest quality available anywhere.

## FINALLY, THE PERFORMERS YOU'VE BEEN WAITING FOR:

### PCM POWER PLUS, 5.8, 7.4 & 14 HP

When you need power—the power to dominate the water—we strongly recommend the PCM POWER PLUS, the 5.8, 7.4 and 14 HP. These proven performers possess the rapid fire acceleration, dynamic top-end power and dependable temperament demanded by competition skiers and other users of high performance boats.

These engines are brilliantly suited for life in the fast lane, providing a secure ride under a variety of speeds and conditions. The smooth, effortless propulsion is invaluable to skiers, eagerly welcomed by pleasure boaters and fishermen. The only people who find fault with any of these beauties is the competition—mainly because their boat's not powered by PCM.

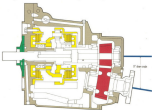
### UNEQUALLED POWER, UNEQUALLED INNOVATION: THE PCM POWER PLUS

Introduced in 1989, the PCM POWER PLUS proves once again PCM is the industry leader in innovative engine technology. Built specifically for competition ski boats, the PCM POWER PLUS offers exceptional low- and mid-range torque for instant acceleration and consistent pull power. Truly the ultimate in competition ski power, the PCM POWER PLUS is used in tournaments and ski shows worldwide.

The PCM POWER PLUS's features are so totally unique, they are not available from any other manufacturer anywhere.

- A 1.23:1 reduction ratio which substantially increases torque for better out-of-the-hole performance without sacrificing top end performance.
- A proven hydraulic design to ensure dependability and reliability.
- A highly efficient transmission that reduces engine power loss, increasing usable horsepower by as much as 10%.
- A unique down angle design allowing the engine to be horizontally mounted, increasing carburetor performance and efficiency while also making the POWER PLUS easier to install and service.
- State of the art metal alloys used in the casting provide exceptional strength while cutting weight by more than 50%. Heat dissipation is superior and unsightly corrosion diminished.

The PCM POWER PLUS delivers a vibration-free solid ride time after time. No other engine provides the advanced pulling power of the POWER PLUS. This versatile engine is also perfectly suited for medium-sized sportfishing boats and cruisers.



### **AN INDUSTRY FAVORITE SOON TO BE YOURS: THE PCM 5.8**

A favorite of the competition ski boat industry, the PCM 5.8 is the most widely used engine in competition ski boats, offering excellent mid-range torque and horsepower. Dependable and steady, you can count on the PCM 5.8 to come through with the power you need when you need it. The reliable dual pump cooling system ensures optimum operation at all times. PCM's own precision pyramidal exhaust manifolds allow free breathing, high level exhaust discharge.

The PCM 5.8 is the base engine of the famous PCM POWER PLUS, offering many of the same power features. It is the industry's choice for skiing and is an excellent choice for fishing and medium-sized cruise boats as well as repowering.

### **THE BIG BOYS YOU'VE BEEN WAITING FOR: THE PCM 7.4 & 7.4 HO**

When you need muscle, the PCM 7.4 and 7.4 HO are the big boys that deliver maximum power. The V-8 configuration and 454 cubic inch displacement deliver super torque for quick starts and unmatched top-end speed. These engines will make a large luxury runabout as nimble and quick as its competition-sized counterparts. Barefoot skiers prize the 7.4 and 7.4 HO for their ability to get them up and flying instantly.



The PCM 7.4 and 7.4 HO are brilliantly suited for large inboard runabouts, cruisers, sportfishing and other high performance boats.

### **ENSURING THE POWER TO PERFORM**

Once your PCM engine is delivered, you can rest assured it will perform with the same flawless precision with which it was built. Each engine undergoes rigorous testing beginning with inspections at each assembly station. Once built, the engine is subjected to comprehensive testing of the electrical, fuel, cooling and lubrication systems under simulated load conditions.

Responsive, personal service is a PCM hallmark. Factory-trained technicians stand ready to assist with any problems that may occur during the life of the engine. You will find service readily available at any of 500 PCM-authorized dealers across the country.

Should you ever require parts or accessories, PCM's computerized distribution network supports your local dealer with parts and technical information. All PCM engines are backed by a comprehensive protection plan with an optional extended limited warranty, the best in the industry.



### **INBOARD EXCELLENCE NOW AND IN THE FUTURE**

PCM is the most respected name in gasoline inboard power having pioneered revolutionary designs that have transformed the technology of inboard propulsion. One of our original breakthroughs is the parallel exhaust manifold system. This compact system cooled a less breathing, better performing engine package. All of our competitors have adopted this design as an industry standard.

The double pump cooling system, acknowledged by all inboard manufacturers as the best proven inboard engine cooling system, was also instituted by PCM. This cooling system also utilizes dual belts to drive the engine's circulation pump—a feature not found on some competitors' engines.

Our unique precision adjustable wedge locking mounts are another first and soon to be industry standard. This design substantially decreases engine vibration and is easier to adjust for trouble-free shaft alignment and maintenance.

PCM is the only engine manufacturer to design and build its own marine transmissions. The PCM POWER PLUS transmission incorporates features not available in any other engine package, resulting in a transmission of far superior performance.

PCM has proven time and again the in-line inboard drive propulsion system is the easiest to maintain as well as the most serviceable, offering boat owners consistent, dependable power for pleasure and competition. We are committed to further technological refinements so that we may continue to produce inboard engines which deliver more torque, more horsepower and more fuel efficiency than any other engine on the market. PCM has no equal and wishes to lead the way with new advancements and innovations.

When you need power, why settle for anything less than the proven source of inboard excellence?





### FEATURES FROM PCM

- 100 - Cast-iron crankcase
- 101 - Machined-in pre-lubrication
- 102 - Heavy performance-cooler-water standard
- 104 - Precision aluminum wedge timing marks
- 105 - Precision level alignment of ball bearings and transmission for vibration-free running
- 107 - Long life cast-iron water pump
- 108 - Steel-impeller water pump, steel engine electric starters for reliability
- 109 - Iron exhaust
- 110 - Cast-iron water pump for cooler lower power engines
- 111 - Exhaust gas if removed for
- 112 - Full-flow cooling system for work and preservation
- 113 - High efficiency transmission
- 114 - PWC's P, D, L package options
- 115 models



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