



LANDA
PRESSURE WASHERS

North America's **LARGEST** Manufacturer of
Industrial **PRESSURE WASHERS**

LANDA PUMP

The Pressure Washer Pump Built to Last

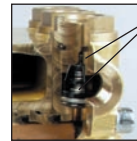
- 3 Series for Cleaning Power of up to 10.6 GPM and 4000 PSI
- 14%-27% Lower RPM
- 5-Year Warranty



For more than a quarter of a century the Landa name has meant one thing in the cleaning equipment industry: Quality! The Landa Pump lives up to that name. Every component of this tri-plex (three plungers) high-pressure pump has been carefully engineered, crafted and tested to exceed the rigorous demands of pressure washers. The piston stroke of the Landa Pump has been engineered to deliver the same output of comparable pumps but at 14%-27% lower RPM, adding many hours to the pump's life. All models are backed by a 5-year warranty on the oil-end of the pump and a lifetime warranty on the brass head. Moreover, the Landa Pump is backed by North America's largest network of trained pressure washer service centers. Below are just a few of the reasons Landa is the one pressure washer pump built to last:

■ **Rugged Crankcase** is made of pressure die-cast aluminum with a special anodized treatment for extra long-life protection.

■ **Metal Dipstick** features a unique design that allows the cap to "breathe" without clogging.



■ **Unique Valve Cap** design ensures valve seats snugly and upright for constant peak pressure. **Valve cage** is made of a Zytel® plastic, by Dupont, that is 35% beefier than most valves for extra-long life.

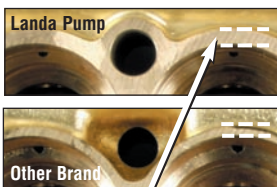
■ The hardened steel **Crankshaft** has been precision machined to be absolutely true & straight, essential in sustaining maximum flow and pressure. European-made **Roller Bearings** are tapered to handle both radial and axial loads.

■ **Powerful Connecting Rods**, made of an aluminum-zinc alloy, are specially cast to create indentions and lubricating holes for extended life of both the rod and crankshaft by reducing the amount of friction and heat generated by the constant pumping action.

■ **Stainless steel Plunger Rods** link Connecting Rods with the ceramic **Plungers** and slide back and forth through copper-plated **Plunger Guides** that are lined inside by an extra-durable, low-friction, teflon-bronze-and-lead bushing for a smoother operation.

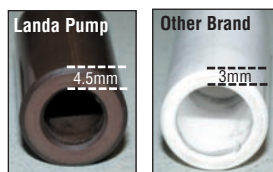
■ **10mm Manifold Bolts** are made of 12.9 class steel and are coated by a Dacromet® treatment that provides 3 to 4 times more corrosion resistance than zinc plating.

■ **Single-piece Manifold or Brass Head** is made of press-forged brass, a process in which the liquid hot metal is forced into a mold under pressure eliminating air pockets and creating a virtually flawless housing capable of withstanding high pressures.



■ The lining of the **Cylinder Chambers** measures 4.4mm, nearly twice as thick as that of comparable pumps.

■ **Heavy-duty Ceramic Plungers** have a wall thickness 33% greater than competitors, providing additional strength and life to the Landa Pump. Also the plungers have a mirror finish surface created by a high-precision diamond grinding, which keeps the seals from wearing.



■ **Heavy-duty, ceramic Plungers** have a wall thickness of 4.5mm as compared to 3mm on most pumps; a high-precision, diamond grinding process leaves a mirror surface finish on the Plungers ensuring a long life for the V-shaped **Packing Seals**, made in Germany by Parker.

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