

# Wright Pump® TRA20 Series

## Simply A Better Value

Wright Pump's TRA20 series sanitary PD pumps are "drop-in" replacements for Waukesha Universal II series pumps on a model-to-model basis, with all exterior dimensions the same, port-to-port, allowing easy replacement without piping or baseplate changes. But Wright Pumps offer standard features and benefits either not available from Waukesha, or only available at extra cost. Similarly, Wright Pump offers complete part-for-part interchangeability, guaranteed to interchange with tolerances as tight or tighter than the original parts. Wright Pump will even remanufacture your existing Waukesha pump to Wright standards. Let's Compare features:



Feature	Why is it important?	Availability	
		Wright Pump	Waukesha*
Helical Timing Gears	Helical gears provide better load carrying capabilities, quieter operation and longer life than spur-type timing gears.	Helical gears standard.	Not available. Spur gears standard.
Powder Coated Iron Surfaces	Powder coating offers corrosion resistance and chip resistance that cannot be matched by standard epoxy coatings, providing better appearance and longer life.	Powder coated gearbox standard.	Powder coating not available. Epoxy paint standard.
Silicon Carbide Seal Faces	Ultra-hard silicon carbide vs. silicon carbide seal faces equate to longer seal life, less downtime and less expense on replacement parts.	SiC/SiC seal faces standard on all sizes.	Carbon/Ceramic seals standard.
Stainless Steel Bearing Retainers	Stainless steel retainers offer increased corrosion resistance and ensure integrity of bearing support, resulting in longer bearing life, less downtime, and increased production.	Stainless steel retainers standard.	Available at extra cost. Carbon steel retainers standard.
Grease Fitting Access on Both Sides of Pump	In tight quarters or if a pump is mounted close to other equipment, easy access to grease fittings enhances ease of maintenance. Less time spent on periodic maintenance translates to less pump operating expense.	Grease fitting access from both sides standard on all sizes.	Not available. Grease fitting access one side only.
Threaded Grease Fittings	Hand operated grease guns can generate pressures exceeding 1000 psi, which can easily dislodge "push-in" grease fittings. Threaded mounting prevents loss of fittings, which helps prevent external contamination and ensure longer bearing life.	Threaded grease fittings standard on all sizes.	Not available. "Push-In" grease fittings standard.
Intelligent Oil Plug Positioning	On equipment that is regularly washed down, oil fill and level plugs should be positioned such that they are not exposed to high pressure wash-down water, which could contaminate the oil reservoir. Excluding water from the oil reservoir extends gear, shaft and bearing life.	Plugs are located on the gearcase on the back of the pump, away from spray.	Not available. Plugs are located on the top and sides.
Four-Way Gearcase Mounting	A gearcase that can be mounted in any of four positions allows for horizontal or vertical porting, flexibility in drive shaft positioning to match reducer or gearmotor input, and improved access to grease fittings. The additional mounting option can result in lower set-up costs and less time for routine maintenance.	Four-way mounting standard.	Not available. Three-way mounting standard.

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