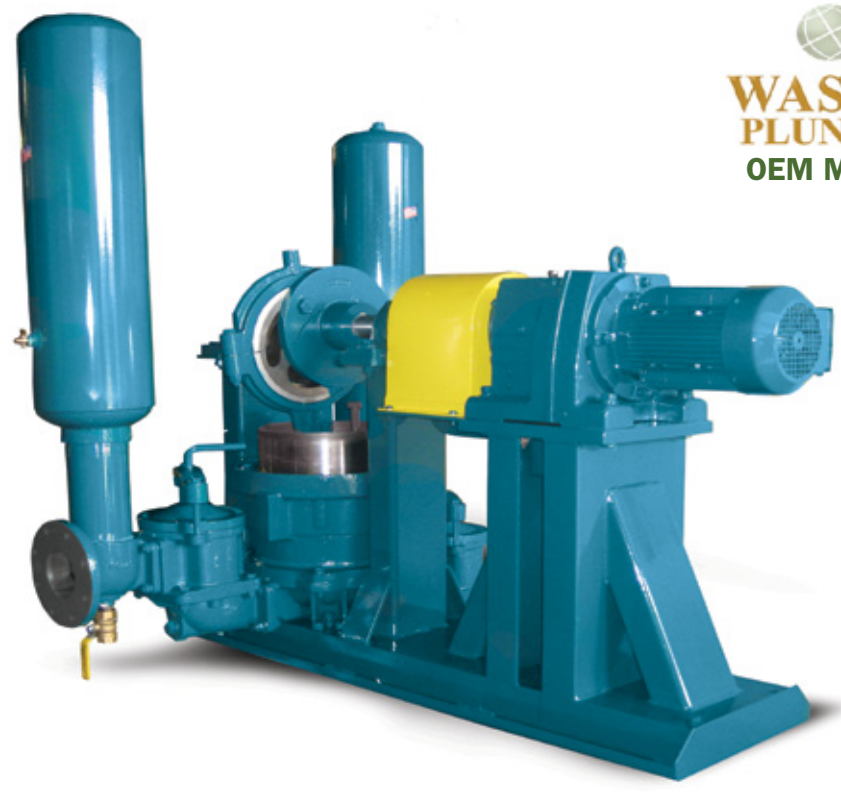




PE-7™ Series
Medium Duty Sludge
Pumps

- PE 61™
- Belt Driven
- PE-741™
- Direct Drive



FEATURES

- Belt driven or direct drive
- Leak resistant design with Plunger Pac™ standard
- Medium duty municipal or industrial applications including: poultry, tanneries, canneries and meat processing facilities.

Modern Sewage Treatment Solutions In a Familiar Package.

What does the average sewage pumping day look like at your wastewater plant? Chances are, you're looking at tougher sewage transfer tasks and seeking reliable equipment that won't require a maintenance crew of five to service.

That's where the PE 7 Series plunger pumps can make a difference at your plant. These sewage pumps can transfer up to 60 GPM at max. total head up to 100 ft. Better yet, the Wastecorp plunger pump is modernized with 160,000 psi strength shafts and upgraded packing material for the strongest seal yet. Don't spend your man hours (or your budget) trying to repair a double disc, rotary lobe or progressive cavity pump. Go with the proven performer Wastecorp PE-61 Series.

General Specifications	Simplex PE-61A/PE-741
Number of plungers	1
Plunger dia. (in)	7
Air chambers	(2) 9"x30"
Flanged connections	4" ANSI 125 #
Driver speed, RPM	1200 1800
Number of pin positions	12
Max. strokes per min.	42 or 62
Max. stroke length (in)	5.75
Max. rec. suction lift (ft)	20
Max. total head (ft)	100
Max. capacity (GPM)	60
Eccentric dia. (in)	8
Eccentric shaft tensile strength (PSI)	160,000
Approx. weight less driver (lbs)	750



Accessories

A	Pressure and compound gauge	Call
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Recommended Spare Parts

Main gear (belt driven)	25552-04
Plunger*	20937-03
Ball valve (urethane)	33956-00
Packing**	Select style
Pinion gear	25309-06

CUSTOMER SUPPORT

North America
 1-888-829-2783

International
 +1-201-445-2882

Email
 techsupport@wastecorp.com

Pump Component	Standard Material	Optional Material
MAINSHAFT	A4140/4142 High-Strength Alloy Steel	
ECCENTRIC	ASTM A48, Class 35 Grey Iron	
LUBRICATION	Manual Sight Feed Oiler, 5 oz	a) Automatic ball-type oiler with needle valve (5 oz), b) Electric Solenoid Oiler, c) Mechanical Force Feed Lubricator
DRIVEN/DRIVE FLANGES	ASTM A48, Class 35 Grey Iron	
BUSHING, SHEAR PIN	Hardened Steel	
SHEAR PIN	Fabricated Cold Rolled Steel	
CONNECTING ROD	ASTM A48, Class 35 Grey Iron	ASTM A536 Grade 65-45-12 Ductile Iron
ECCENTRIC BEARING LINER	Replaceable, Bronze SAE 660	
BUSHING, WRIST PIN	SAE 941 Oil-Lite Bronze	
WRIST PIN	A4140/4142 High-Strength Alloy Steel	
VALVE SEAT	ASTM A48, Class 35 Grey Iron	Bronze Alloy, 316 Stainless Steel
BALL VALVE	5-1/8" Urethane Rubber with Centralized Iron Core	
PLUNGER	ASTM A48, Class 35 Grey Iron	ASTM A536 Grade 65-45-12 Ductile Iron
OPTIONAL PLUNGER COATINGS	PUMP BODY	Coatings Available: a) Chrome Oxide, b) Aluminum Oxide, c) Tungsten Carbide, d) Hastelloy C, e) Stainless Steel
STUFFING BOX	ASTM A48, Class 35 Grey Iron	
GLAND	ASTM A48, Class 35 Grey Iron	
FLANGE CONNECTION	4" ANSI 125 lb (Simplex and Duplex Pumps) 6" ANSI 150 lb (Triplex and Quadruplex Pumps)	
SAMPLING DRAIN VALVE	2" Brass Ball Valve on Discharge	2" Brass Ball Valve on Suction 1" Capped Hose Valve on Suction
AIR CHAMBER	A53 Seamless Steel Pipe, Anodized/Galvanized with 1/4" brass air release valve/petcock	304 or 316 Stainless Steel
PACKING	1/2" sq. Graphite Impregnated Braided with Polyurethane seal	a) Graphite Rings Only, b) Chevron Rings Only, c) Combo (Graphite/Chevron), d) Plunger Pac (Chevron, Teflon and Poly-urethane seal)
PUMP BASE	Fabricated heavy-duty steel channel and tube base plate and pedestals with drip gutters and 1" drain connections	
DRIVE ARRANGEMENT	Constant Speed, Helical horizontal Gearmotor coupled to pump's mainshaft, Max. Output Speed: 50 RPM	a) Constant Speed, Helical Shaft-Mounted vertical Gearmotor (vertical), b) V-Belt/Gear/Pulley System, c) Mechanical Variable Speed Drives, d) Variable Frequency Drives, e) Others – Contact Wastecorp
DRIVE COUPLING	Flexible Grid-Type	a) Disc Coupling, b) Elastomer Coupling, c) Others – Contact Wastecorp

PE 61 A PLUNGER PUMP S

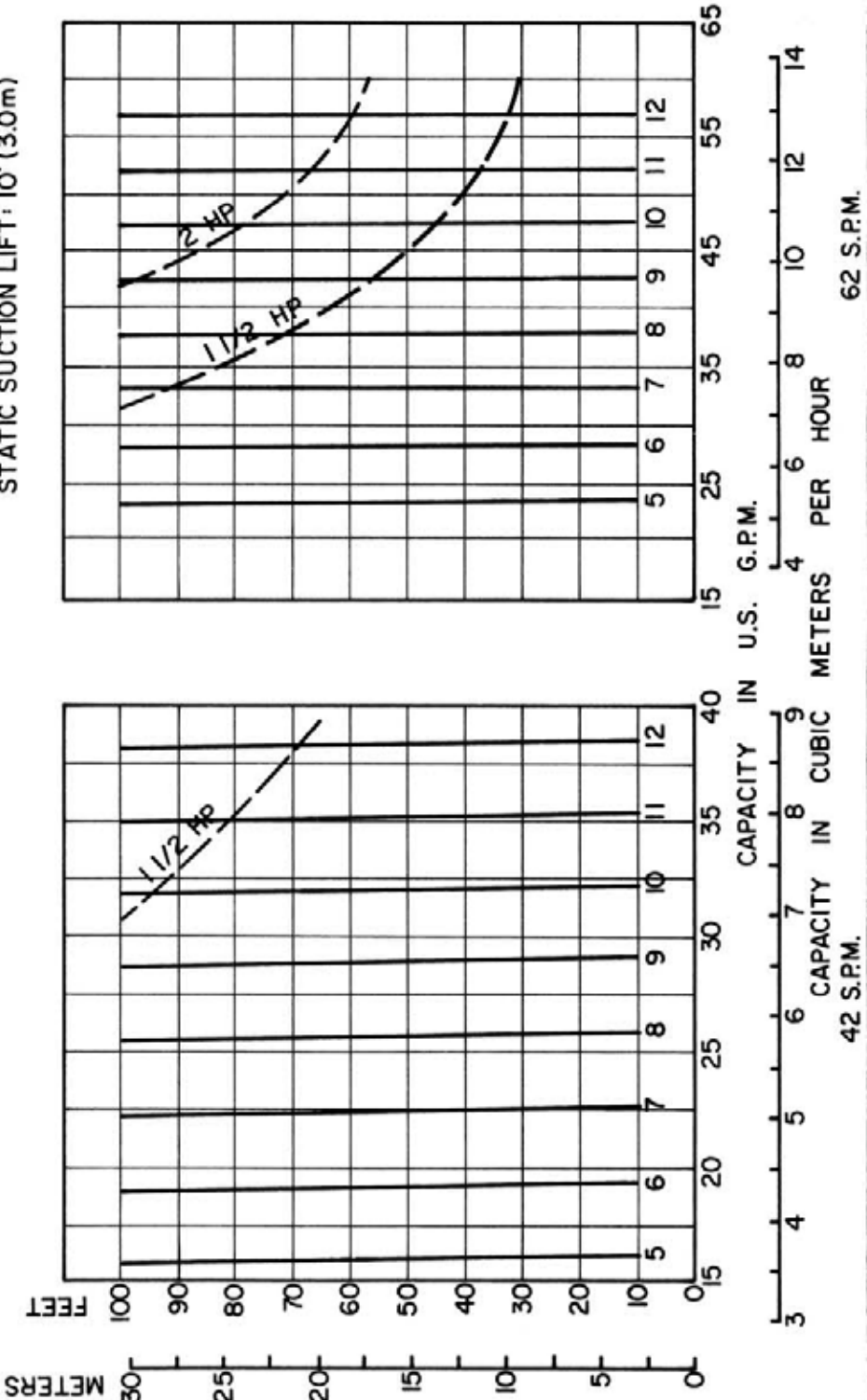
ENGINEERED BY WASTECORP. PUMPS

Series: PE-61A Liquid: SPGR.1.0
Plunger Dia: 7" (7.8cm) S.P.M: As Noted

PIN POSITION	5	6	7	8	9	10	11	12
STROKE INCHES	2.37	2.86	3.34	3.82	4.30	4.78	5.27	5.75
LENGTH CM	6.0	7.3	8.5	9.7	10.9	12.1	13.4	14.6

TOTAL HEAD IN METERS

STATIC SUCTION LIFT: 10' (3.0m)



Wastecorp reserves the right to make changes in materials, design specifications, performance specifications and price without notice.

PE 7™ Series

Medium Duty Sludge
Pumps

Wastecorp Sludge Master®
Plunger Pumps



Wastecorp® Plunger Pumps

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WASTECORP®
PLUNGER PUMPS
OEM MANUFACTURER

The pump depictions are not meant to be used or relied upon as a substitute for the safety and use information that is published in the respective operator's manual. Before operating your plunger pump, read, understand and follow all instructions in the manual and on the pump. Specifications and programs are subject to change without notice. Images may not reflect dealer inventory and/or unit specifications. Wastecorp, PE Series, HPE Series Space Saver, Sludge Master and globes are trademarks of Wastecorp, WPCI Environmental Brands. No reproduction of this document without permission. © Wastecorp.