



R. A. ROSS & ASSOCIATES, INC.
2231-A Ampere Drive, Louisville, KY 40299

R. A. Ross saves sewer utility hundreds on lift station grinder pumps.

Solutions like this are what we do every day at R. A. Ross.



The HCP Grinder Pump used in this case study:

- GF series model 32GF22.2:
44 GPM @ 108' TDH max
- 1.25" NPT discharge w/elbow
- Semi-open impeller
- 55-60 Rockwell C hardness cutter and cutter ring
- FC 200 cast-iron construction
- 316SS hardware
- 3-HP, 230-460/3/60 motor
- 30' control cable
- Double mechanical seal
Lower - carbon ceramic
Upper - silicon carbide/silicon carbide

Tough applications and regulations are right up our alley

SITUATION:

When a rural sewer utility came to us looking for a more economical grinder pump for their sewage lift stations, we had the exact solution; the HCP, GF Series grinder pump which was a "drop in" replacement for the competitors pump the customer had been using. In addition to matched performance and ease of installation, the HCP pump was over \$500 less expensive than the competition. The customer is so satisfied with the price and performance of the HCP pumps, they are replacing the competitors pumps one by one as they go bad. The first HCP pump installed has been running for two years now with no issues. HCP Pumps America manufactures a wide range of submersible pumps from fractional HP to 250-HP for just about any dewatering or sewage application.

Give us a call and let us find a solution for you!

HCP is your one stop shop for submersible pumps of all kinds, shapes and sizes with pumps to at least 250 HP. HCP also offers grinder pumps and even down hole well pumps.



SUMP PUMPS (A Series)

1/2-3 HP to 290 GPM to 100' TDH
Wastewater Sump 2" & 3" discharge

DEWATERING (ASH & AH Series)

11/2-10 HP to 215 GPM to 135' TDH
 SS w/hi-chrome hard impeller
 2"-6" discharge

LARGE VOLUME DEWATERING (L Series)

1/2-20 HP TO 2640 GPM TO 20' TDH 3"-12"
 discharge, _____ & mixed flow

EFFLUENT (F Series) 1/2-10 HP to 520 GPM
 132' TDH 2"-4" discharge

GRINDERS (GF Series)

1.25-5 HP to 88 GPM to 120' TDH
 1 1/4"-2" discharge

SEWAGE/WASTEWATER (AF & IF Series)

1/2-250 HP to 148' TDH to 8206 GPM
 2" to 16" discharge 4" solids

CUTTER PUMPS (WASTEWATER/SEWAGE)

(AFC Series) 2-3 HP to 63' TDH 3"
 to 291 GPM

**SLURRY PUMPS/DEWATERING PUMPS
 (SAND & GRAVEL, COAL PLANTS,
 CONSTRUCTION)**

(AG & AFG Series) 2-15 HP to 125' TDH
 to 687 GPM 3"-6" discharge

AXIAL FLOW (LA Series)

50-200 HP to 24' TDH to 42,800 GPM
 22" to 28" discharge

STAINLESS STEEL (S Series) 1/2-5 HP to 72'
 TDH to 290 GPM 2" to 3" discharge

JET PUMPS (JF, JP & GRS Series)

EJECTOR PUMPS ADDS AIR TO LIQUID
 to 10 HP to 1.8' TDH to 555 GPM

SUCTION LIFT SELF PRIMING NON-CLOG

2" to 12" to 125 HP to 2065' TDH to 5500 GPM

MIXERS (COMING SOON)

MAKO SERIES

SUBMERSABLE WELL PUMPS

304 SS to 155 HP to 1,378' to 660 GPM
 5" to 8" discharge

**PANELS: ENGINEERED CUSTOM, STD LIFT
 STATION CONTROLS**

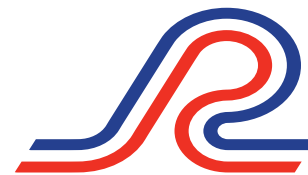
ACCESSORIES

- Guide rail systems
- Float switch
- Flange/Flange set
- Outlet set
- Adapters
- Supplements
- Basins

CONTACT US

Call us for information on how we can help solve your problems in any of the following areas:

- ▶ Pumps
- ▶ Blowers
- ▶ Filters
- ▶ Mixers
- ▶ Tanks
- ▶ Vacuum Pumps
- ▶ Mechanical Seals
- ▶ Heat Exchangers
- ▶ Repairs



R. A. ROSS & ASSOCIATES, INC.

Keeping process flowing since 1985

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Watch our company story video at RARoss on YouTube!