



"We Build Better Than New"

Complete Pump System Solutions

Tailored To Fit *Your* Needs

- Sales
- Engineering Design
- Troubleshooting & Analysis
- Field Service & Repairs
- Complete Overhaul
- Installation & Removal

New Systems

- Pumps to 800,000 gpm
 - ✓ Portable & Wastewater
 - ✓ Storm Water
 - ✓ HVAC
 - ✓ Power and Process
- Motors to 5,000 hp
- VFDs & Control Systems
- Mixers, Aerators, and Clarifiers
- Grinders & Support Gear

Services

- 50,000sf facility with 40 ton lift
- Dynamic Balancing
- Laser Alignment & Vibe Testing
- Complete Machine Shop
- Welding, Sandblasting, & Coatings
- Confined Space Certified
- Performance Testing
- Asset Management
- Energy Reduction Analysis

- VA Certified Veteran Owned
- SBA Certified Small Business
- US Government Cage Code 1JGE8
- Extensive references available
- CT State Contract 23PSX0243
- MA State Contract TRD-04
- RI State Contract MPA568
- NY State Approved



860.739.2200
30 Gando Drive
New Haven, CT 06513





Specialist for Pumping Technology



GE INDUSTRIAL MOTORS



Franklin Electric



PERFORMANCE THROUGH INNOVATION™



The Power to Move Water®

Little GIANT®



Byron Jackson



CRANE

DEMING®

BARNES®

FLOMATIC® VALVES

DBS MANUFACTURING®



GRUNDFOS

WATER SYSTEMS

PRODUCTS & APPLICATIONS



Why Franklin, Pioneer, and Little Giant?

- Superior materials i.e. shafting, mechanical seals, etc.
- Short lead times
- Readily available spare parts
- Regional service center at Northeast Pumps



COMMERCIAL BUILDINGS



DIESEL- & ELECTRIC-DRIVEN SKID & TRAILER PACKAGES

A comprehensive range of diesel or electric packaged options for fixed and portable installations. Typically designed with vacuum-assisted priming pumps to deliver extreme flows with high head capability.



GRINDER PUMPS & PACKAGES

Protects and grinds. Ideal for residential and light commercial sewage waste transfer where high head conditions exist. Includes our low-pressure sewer system, PowerSewer®, and other grinder packages.



SUBMERSIBLE NON-CLOG PUMPS & PACKAGES

Available in single- and three-phase power options, the NC(X) Series provides a rugged, maintenance-friendly wastewater transfer solution with hazardous location configurations.



SEWAGE PUMPS & SYSTEMS

It's a dirty job, but Little Giant sewage pumps are made for the tough and demanding task of effluent and wastewater transfer. Includes 16S, 18S, and 20S Series.



SUMP PUMPS & SYSTEMS

Little Giant sump pumps remove standing water from basins and can be used for general dewatering and water transfer. Includes HT-6E Series and WRS Series.



END SUCTION CENTRIFUGAL PUMPS

Whether pumping clear liquids or solids, these robust and highly engineered pumps offer close-coupled and frame mounted end suction solutions for your application.



BOOSTER PUMPS & SYSTEMS

The Inline 1100 SpecPAK™ and VR SpecPAK™ Pressure Boosting Systems are compact, configurable, and economical solutions that ensure the water pressure stays constant throughout the application.



SUBMERSIBLE PUMPS & VERTICAL LINESHAFT TURBINES

Submersible turbine pumps are available in custom configurations to meet demanding application requirements.



SOLAR PUMPING SYSTEMS

The Photon SolarPAK is a rugged, high-output system that harnesses the power of the sun to tackle the challenges of water pumping in harsh and remote environments.



DRIVES & PROTECTION

Available in multiple packaged configurations, our drives control and protect motors for the most demanding applications in pump, HVAC and industrial markets.



CONDENSATE REMOVAL PUMPS

Don't sweat it. Little Giant condensate pumps are designed for the automatic collection and removal of condensate in HVAC, high-temperature, and plenum applications. Includes HT-VCL Series.



MUNICIPAL & WASTEWATER



DIESEL- & ELECTRIC-DRIVEN SKID & TRAILER PACKAGES

A comprehensive range of diesel or electric packaged options for fixed and portable installations. Includes vacuum-assisted priming pumps and above ground lift stations.



SELF-PRIMING PUMPS

Designed for reliable solids and clear liquids handling. Continues to reprime automatically after initial priming. Includes Vortex Series and self-priming pumps for extreme solids handling.



GRINDER PUMPS & PACKAGES

Protects and grinds. Ideal for residential and light commercial sewage waste transfer where high head conditions exist. Includes our low-pressure sewer system, PowerSewer®, and other grinder packages.



SUBMERSIBLE NON-CLOG PUMPS & PACKAGES

Available in single- and three-phase power options, the NC(X) Series provides a rugged, maintenance-friendly wastewater transfer solution with standard with hazardous location configurations.



END SUCTION CENTRIFUGAL PUMPS

Whether pumping clear liquids or solids, these robust and highly engineered pumps offer close-coupled and frame mounted end suction solutions for your application. Includes AG, SC and XA Series.



TRANSFER PUMPS

The robust DR1-DR2 series pumps are available in a variety of pump construction materials to enable handling a wide array of applications. Along with the non-corrosive A and JCM Series, these fulfill a variety of water transfer needs.



BOOSTER PUMPS & SYSTEMS

The Inline 1100 SpecPAK™ and VR SpecPAK™ Pressure Boosting Systems are compact and economical ways to meet all of your pressure boosting needs.



SUBMERSIBLE PUMPS & VERTICAL LINESHAFT TURBINES

A wide selection of strapped, cast iron, and cast stainless submersible turbines, along with an extensive offering of lineshaft turbines that cover almost any pumping application.



SUBMERSIBLE MOTORS

Our submersible motors are tough, built to last and come in a variety of construction options.



DRIVES & PROTECTION

Equip a Franklin drive to protect, monitor, and meet the different needs and demands of each application with the same pump. Includes variable frequency drives and wastewater control panels.





Specialist for Pumping Technology



Northeast Pumps
(860) 739-2200
Sales and Service





















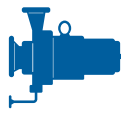
SELECTION GUIDE

**OEM for legacy brands Deming, Barnes,
Worthington, Ingersoll Rand, and Byron Jackson**

MEET OUR PUMPS

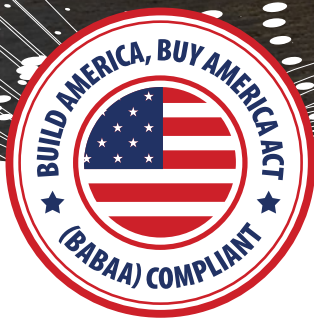
RP MODEL		DESCRIPTION	DESIGN STANDARDS	OPERATING LIMITS		
	CRP	Single stage, end suction ISO process pump	DIN EN ISO 2858, ISO 5199 HI design (OH1)	Q = up to 500 m³/h H = up to 215 m	P = up to 25 bar T = up to 300 °C	RUHRCHEM - CHEMICALS
	CRP-M	Sealless process pump with magnetic drive	DIN EN ISO 2858 & ISO 15783 (OH1)	Q = up to 500 m³/h H = up to 215 m	P = up to 16 bar T = -120 to 450 °C	
	CPP / CPP-L	Single stage, end suction ANSI process pump (enclosed impeller)	ANSI B73.1 HI design (OH1)	Q = up to 1,150 m³/h H = up to 235 m	P = up to 26 bar T = -45 to 315 °C	
	CPO / CPO-L	Single stage, end suction ANSI process pump (open impeller)	ANSI B73.1 H1 design (OH1)	Q = up to 1,590 m³/h H = up to 198 m	P = up to 26 bar T = up to 371 °C	
	CPA-M	Sealless process pump with magnetic drive	ANSI B73.3 H1 design (OH1)	Q = up to 500 m³/h H = up to 215 m	P = 16 bar T = -120 to 450 °C	
	CLP	Sealless Fluoropolymer lined up pump with magnetic drive	DIN EN ISO 2858 & DIN 24256 (OH1)	Q = up to 300 m³/h H = up to 90 m	P = 16 bar T = -60 to 180 °C	
	IVP / IVP-CC	Vertical in-line pump in extended and close coupled configurations	HI design (OH4 / OH5)	Q = up to 2,271 m³/h H = up to 122 m	P = up to 19 bar T = -45 to 150 °C	RUHRPRO - INDUSTRIAL
	IRP	Single stage, end suction industrial water-type pump	DIN EN ISO 2858 & DIN 24255 (OH1 & Close coupled)	Q = up to 681 m³/h H = up to 130 m	P = up to 10 bar T = up to 140 °C	
	Combitube	Single stage, pitot tube pump for low flow, high head applications	Industrial & API norms	Q = up to 80 m³/h H = up to 1,480 m	P = up to 160 bar T = up to 200 °C	
	SWP	Self-priming pump for solids handling applications	HI design (OH1)	Q = up to 1,476 m³/h H = up to 42 m	T = up to 70 °C	
	PS	Single stage, end suction, centrifugal solids handling stock pump	HI design (OH1)	Q = up to 1,817 m³/h H = up to 91 m	P = up to 10 bar T = up to 144 °C	
	ZW	Horizontal & Vertical double suction, single stage, split case pumps	HI design (BB1)	Q = up to 9,000 m³/h H = up to 340 m	P = up to 98 bar T = up to 120 °C	RUHRWAS - WATER & WASTE
	SO	Single stage, end suction ISO Process pump	DIN EN ISO 2858, Transnorm, DIN 24256 (OH1)	Q = up to 2,800 m³/h H = up to 160 m	P = up to 25 bar T = -10 °C to 240 °C	
	SHD / ESK SKO / SK / SKV / ST / STV	Single stage, end suction pumps (solids handling)	HI design (OH1)	Q = up to 8,000 m³/h H = up to 116 m	P = up to 10 bar T = up to 80 °C	
	SD / SDV	Single stage, end suction pumps (solids handling) for vertical and horizontal installations	HI design (OH3)	Q = up to 14,000 m³/h H = up to 45 m	P = up to 4.4 bar T = up to 40 °C	
	NE	Submersible Non-clog centrifugal wastewater pump with oil-filled motor	HI design Industrial norms	C = up to 522 m³/h H = up to 53 m	P = up to 4.8 bar T = up to 70 °C	
	SHS	Submersible Non-clog centrifugal wastewater pump with dry-running motor	HI design Industrial norms	C = up to 1,600 m³/h H = up to 73 m	P = up to 10.3 bar T = up to 120 °C	RUHRVERT - VERTICAL
	VTP	Multi-stage, vertical turbine pumps with diffuser type bowl	HI design Industrial & API 610 (VS1) norms	Q = up to 13,636 m³/h H = up to 762	P = 74 bar T = 0 to 121 °C	
	VSP / VSP CHEM	Single stage vertical sump pump design for wet pit applications	ANSI B73.1, ISO 5199 EN ISO 2858 and API 610 (VS4) norms	Q = up to 1,200 m³/h H = up to 130 m	P = up to 40 bar T = up to 200 °C	

MEET OUR PUMPS

RP MODEL		DESCRIPTION	DESIGN STANDARDS	OPERATING LIMITS		
	VSS	Vertical multi-stage centrifugal in-line pump with balanced mechanical seal	Industrial norms	Q = 1,120 m³/h H = 300 m	P= up to 30 bar T = up to 120°C	RUHRPUMP HIGH PRESSURE
	GP GPA	Horizontal, multi-stage, ring-section type process and boiler feed water pump	ISO 5199, Industrial norms and API 610 (BB4)	Q = up to 900 m³/h H = up to 4,000 m	P = up to 416 bar T = up to 205 °C	
	MPP	Single stage, end suction, Hard-metal mining & slurry pump	Heavy duty design norms (OH1)	Q = up to 4,500 m³/h H = up to 70 m	P = up to 20 bar T = up to 120 °C	RUHRQUARTZ MINING
	ZW - F	Horizontal, single stage, split case fire pumps	NFPA 20 FM / UL approvals	Q = 150 to 5,000 US gpm (1,135 m³/h) P = up to 355 psi (25 bar)		RUHRFIRE FIRE PROTECTION
	IRP - F	Horizontal, single stage, end suction fire pumps	NFPA 20 FM / UL approvals	Q = up to 1,500 US gpm (340 m³/h) P = up to 185 psi (13 bar)		
	Pre-Packaged Fire Pump Systems	Fire systems incorporate pumps, drivers, control systems and pipework in a single container. They can be skid mounted, with or without enclosure and supplied with electric motor or diesel engine.	NFPA 20-850 FM / UL approvals	Q = up to 5,000 US gpm (1,135 m³/h) P = up to 355 psi (25 bar)		
	PSKI & PDKI	Component Single & Dual mechanical seals	DIN 24960, EN 12756, ATEX II2G & II3G	T min = - 50 °C T max = 400 °C	P = up to 80 bar	RUHRPI - MECHANICAL SEALS
	CSCI & CDCI	Cartridge Single & Dual mechanical seals	EN 12756, ATEX II2G & II3G	T min = -40 °C T max = -220 °C	P = up to 25 bar	
	CSCI & CDCI	Cartridge Single & Dual mechanical converter seals	EN12756, DIN24960, ISO 3069, ATEX II2G & II3G	T min = -40 °C T max = -220 °C	P = up to 20 bar	
	CSCA & CDCA	Cartridge Single & Dual Mechanical seals	API 682, ISO 21049, EN 12756, ATEX II2G & II3G	T min = -40 °C T max = -220 °C	P = up to 25 bar	
	SSCM, SSCL & SSCU	Split semi-cartridge mechanical seals	FDA, DIN28136 T2 & T3, DIN 28137 T2, DIN28141/ U154, DIN 28154, DIN 28159, ATEX II2G & II3G	T min = -20 °C T max = 500 °C	P= FV P = up to 25 bar	
	PSGI, PDGI, CSGI, CDGI, CSGU, CDGU, CSGM & CDGM	Dry Gas cartridge single & dual mechanical seals	FDA DIN28136 T2 & T3, DIN 28137 T2, DIN28141/ U154, DIN 28154, DIN 28159, ATEX II2G & II3G	T min = -20 °C T max = 170 °C	P= FV P = up to 25 bar	
	Support Systems	Thermosyphon circulation and cooling systems	API 682 / ISO 21049: PLAN 52 & PLAN 53A, PED 2014/68/EU, ASME VIII, Div. 1	T min = - 60 °C T max = 200 °C	P = 40 bar	
	Engineered Seals	Cartridge & component Single & Dual API & Chemical mechanical seals	API 682, FDA, DIN	T min = - 50 °C T max = 500 °C	P= FV P = up to 150 bar	
	SCE	Horizontal, centerline mounted, single stage API process pump	API 610 (OH2)	Q = up to 3,200 m³/h H = up to 480 m	P = up to 90 bar T = -80 to 450 °C	RUHRAPI OIL & GAS
	SCE-M	Horizontal, centerline mounted, single stage API provess pump with magnetic drive	API 685 (OH2)	Q = up to 2,200 m³/h H = up to 330 m	P = up to 40 bar T =-120 to 450 °C	

Lineshaft Pumps

Axial & Mixed-Flow Propeller Pumps



Heads up to 60ft./18.3M

Flows up to 800,000 GPM/50.4 M³/S

The Power to Move Water® Since 1926
mwipumps.com





MWI axial and mixed flow lineshaft pumps are used in critical applications where failure is not an option. Manufactured from corrosion-resistant steel, stainless steel, or cast iron, these pumps are efficient and durable, making them the dependable solution for water management, flood control, drainage, irrigation, and stormwater management.

Where MWI Pumps are Used



MUNICIPAL

- Flood control & storm water drainage
- Emergency pumping
- River & stream bypass



MINES & QUARRIES

- Open pit & underground drainage
- Process water supply & transfer
- Aggregate wash down



INDUSTRIAL

- Large-volume processes
- Temporary raw water
- Water management



MARINE

- Drydock
- Water transfer & waterway diversions
- Moving large volumes of water



AGRICULTURE

- Irrigation
- Aquaculture
- Flood control



GE INDUSTRIAL MOTORS
a **WOLONG** company

Motors stocked in New Haven

REASONS WHY YOU SHOULD CHOOSE

GE NEMA Premium Extra Severe *Duty Motors*

► Safety

- Casted lifting lugs tested individually at over 4 times the weight of the motor vs single eye bolt.
- Non sparking corrosion resistance fan.
- Thermostat controlled space heaters available for classified locations.
- Grounding lug inside conduit box and on frame.
- Fan covers on 324-449 have axial mounting bolts for more rugged installation.

► Superior Insulation System

- Class H (180 °C) insulation throughout the whole motor.
- Trickle-treat varnish process for optimum slot fill and winding coverage.
- GEGARD 2400 for voltage spike protection.
- Every motor CIV tested and exceeds NEMA MG1-31, providing high reliability for fixed speed and inverter duty applications.
- Non hygroscopic, Anti fungus polyester resin.

► Proven Bearing System

- Single shielded oversized bearings on every motor.
- Sealed bearing system that is 100% regreasable, IP55 and above protection.
- 130,000 hr L10 bearing life on 4 pole motors.
- Fully charged lubrication system before assembly.
- Suitable for 40 °C to +120 °C temperatures.
- Gasketed Cast Iron bearing caps to retain lubricant and protect the bearing system and interior of the motor from contaminants.

► Reliability and Flexibility

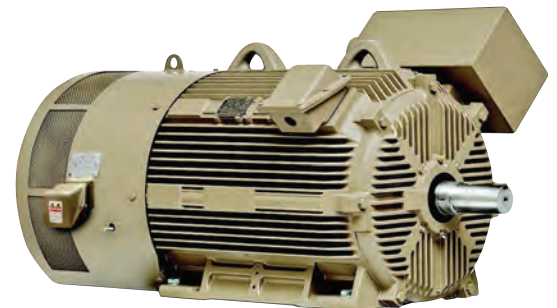
- Average 30% below class B temperature rise for cooler running motors.
- ISO 1940 Grade 1.0 Precision Plus balance, maximum allowable over-all vibration is .04 IPS PK for long bearing life.
- Field modifiable F2 mounting for more flexibility on applications.
- Oversized conduit box for making lead connections.
- GE C5 Stator Lamination, Inorganic, high resistance coating by special chemical/ thermal processing, Increased core burnout temperature 400 °C = 752 °F.
- Cast-in vibration pads for repeatability and smooth surface.
- Foot flatness tolerance of 0.0005 inches provides easy alignment to connected equipment.
- Internal test for XSD Ultra motor continued to operate after being subjected to 1,000,000 plug reversals.
- Comprehensive 5 year warranty (60 / 66 months).
- Epoxyester paint system 1000 hours ASTM B-117 Salt Spray.



XSD Ultra



**Vertical Solid and
Hollow Shaft**



Medium Voltage



www.gemotorswolong.com