

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

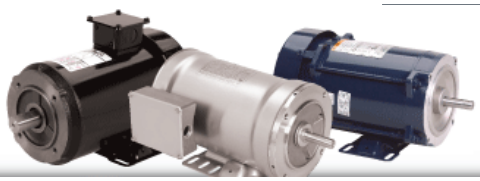
**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

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# 48 & 56 Frame Motors



Nothing cuts into profits like poor product performance. It can lead to increased warranty claims, dealer frustration and—worst of all—dissatisfied customers. That's why Bluffton Motor Works makes the toughest general purpose motors in the industry. Our motors offer you an incredible level of application flexibility yet never compromise on quality or reliability. The result is a family of general purpose motors being used by a variety of industries in virtually hundreds of applications.

## Electrical Specifications

- Single or Three Phase Design
- Single speed or multi speed capability
- 2, 4, 6, 8, 12 pole motors (3450, 1725, 1140, 850, 540)
- Standard 115/230 volt single phase or 230/460 volt three phase
- Continuous duty, continuous air over, or intermittent duty
- Horsepower range available 1/6 to 5hp
- 40°C, 50°C, or 60°C ambient
- Insulation system available: Class B, Class F, or Class F inverter duty
- Equipped with automatic, manual, or no thermal protection, depending upon the application
- Centrifugal mechanical starting switch or Solid State Switch
- Available in high starting torque, capacitor start designs, or normal starting torque three phase designs
- Built to agency specifications by one or more of UL, CSA, NEMA, NEC and/or CE
- Fixed rotation, reversible, or instantly reversible (using Bluffton's patented Inst-O-Verse switch)

## Mechanical Specifications

- Face mounted NEMA C-face, square flange, or other custom flanges made of cast iron or aluminum
- Rigid base, resilient base, or belly band mounting
- Open, Drip proof, TEFC, or TENV construction
- Permanently lubricated ball bearing construction systems
- Shaft making capability using standard carbon steel, stainless steel, or stress proof steel, up to over an inch in diameter
- Standard 5/8" shaft diameter with keyway on 56 frame motors
- Standard 1/2" shaft diameter with flat on 48 frame motors
- Custom shaft lengths with a maximum length of 22"
- Connections can be made at a terminal board, conduit box, or leads or cords of various styles

## Bluffton Motor Works supplies motors to original equipment manufacturers in the following markets

### Commercial & Industrial Applications

- Jet pumps
- Metering pumps
- Well pumps
- High pressure sprayers
- Hoists, cranes, & lifts

### Medical, Dental, Lab Equipment

### Food Dispensing & Preparation

- Slicers
- Mixers
- Ice cream dispensers
- Dishwashers
- Grinders

### Petroleum & Chemical Industries

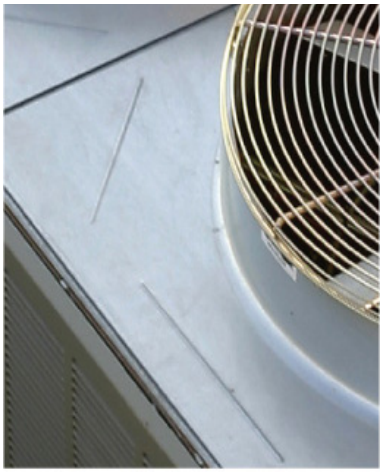
- Gasoline dispensing pumps

### Paint

- Sprayers
- Mixers
- Shakers

### Irrigation & Agriculture

- Center pivot irrigation drives
- Fans for livestock ventilation
- Poultry curtains



- Lifts for hospital beds and dental chairs
- Vacuum dental pumps

### Pool & Spa Pumps

- In ground swimming pool pumps
- Spa & jetted tubs

- General purpose explosion proof motors

### Vacuum Pumps

- Air compressors
- Liquid ring
- Sewage pumping & aeration

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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