

Local Drive Solution Centers

Does your application require more than a modified standard Reliance Electric variable speed drive?

There is a Local Drive Solution Center (LDS) nearby to help you with your modified drive or drive systems requirements. Each LDS Center is a self-contained facility with application engineering, customer service and systems integration capabilities. We offer the following:

- Regenerative bus supplies for Reliance Electric AC drives
- Special enclosures and operator stations
- Local engineering and panel shop capabilities
- Field engineers to provide in plant drive system upgrades
- Drive specialists to provide field startup services and repairs

CUSTOMER SERVICE

- Local Drive Solution Centers provide a single source for all your drives and automation needs. We utilize the proven world-class family of Rockwell Automation products.
- Each Local Drive Solution Center is staffed with application engineers who can assist in applying Reliance Electric drives and other Rockwell Automation products.

ENGINEERING

- All Local Drive Solution Center projects are supplied with AutoCAD drawings documenting the equipment supplied.
- All projects are fully tested with motors to ensure that the equipment is operating properly before it gets to your facility.
- Local Drive Solution Centers follow the same engineering and drafting standards used by all facilities in Rockwell Automation – the largest supplier of automation equipment in North America.



INDUSTRY FOCUS

- Each Local Drive Solution Center is staffed with industry specialists. Since we are local, we learn the application and special requirements unique to your particular region.
- Because we are part of Rockwell Automation, we can also draw on the experience of over 300 dedicated drive engineers to meet your local needs.



LOCAL MANUFACTURING

- Most Local Drive Solution Centers have the capability to assemble and wire panels. These Drive Centers have a complete inventory of commonly used automation components.
- Since Drive Centers are local, changes are implemented quickly and accurately.
- Local Drive Solution Centers follow the same quality systems and procedures as larger Rockwell Automation manufacturing plants.
- Panels can be provided by UL, C-UL, CE or CSA.



DRIVE/SYSTEM UPGRADES

- Systems trained field engineers can help to get the most out of any installed base drive system.
- Drive upgrades can provide retrofits of analog to digital drives or changing technology from DC to AC Drives within customer schedules

DRIVE/SYSTEMS FIELD SUPPORT

- Drive specialists can provide drive/system start-up or commissioning (see page D-196).
- For more information contact your local Rockwell Automation Sales Representative.

Drive Field Support

The Local Drive Solution Field Support program provides local experienced drive control engineers to assist in the proper set up and tuning of Reliance Electric drives.

START UP SERVICES

Start Up Services can be provided for all standard and configured model numbered AC and DC V*S Drives. This start up service offers:

- General physical inspection of the drive package including checking all outgoing terminals for required wires; checking transformer connections and load wiring to avoid unsafe conditions when power is applied; operational checks for all control logic (within drive), relays, contactors, operator devices and safety devices to verify that operation is consistent with the Reliance Electric wiring diagrams; and verifying that AC line by-pass is properly interlocked when used.
- Basic static and dynamic checks and adjustments on individual motors, power modules, regulators and feedback devices to assure proper performance.

CUSTOMER RESPONSIBILITIES

- Drives and all associated devices or hardware necessary for drive operation must be mechanically installed and aligned.
- Power and control wiring, along with any process interface signals (electric or pneumatic), must be connected per the Reliance Electric wiring diagram and ready for operation. All local codes must be followed.
- Any interruption or delays of the start up due to field wiring errors, mechanical problems or unpreparedness on the part of site personnel affecting a timely start up will be the customer's responsibility.

- In such cases, a return trip or stand by time will be invoiced at prevailing published service rates.
- Customer to supply personnel familiar with the facility layout, applications and operations as well as capable of assisting the engineer with all operations of the equipment and process.
- If the drive package and the driven equipment are to be tested under load, the customer's material or process must be ready for load test immediately following preliminary checkout.

EQUIPMENT COVERED

- The start up services covers only model numbered or configured Reliance Electric AC and DC V*S Drives that are stand alone drives. Start up of current, tension or position regulated drives or model number drives used in these applications (which may require speed matching or have common reference and AC logic control interlocking as part of a process line) are not covered. Refer to other start up service published rates or ask for a custom start up service proposal.

LOCAL DRIVE SOLUTION CONTACT DIRECTORY

From a network of Local Drive Solution Centers located throughout the country, Rockwell Automation can provide you with an adjustable speed drive custom-engineered to meet your specific machine or process requirements.

Each Local Drive Solution Center is fully staffed with experienced application and control engineers which provides a single source for all your drive and automation needs and utilizes the Rockwell Automation family of related products.

The problem solvers at each Local Drive Solution Centers form a team of highly qualified people knowledgeable in machine control solutions. Drawing on more than 90 years of experience in supplying equipment to meet the requirements of your industry, your Local Drive Solution Center can provide you with a highly reliable, cost-effective solution to meet your specific control requirements.

For more information contact your local Rockwell Automation Sales Representative.

Drive Field Support

List Pricing

AC or DC	Product Name	HP	Operated Mode	Standard Pricing 1st Drive ⁽¹⁾	Standard Pricing Additional Units ⁽²⁾	Overnights ⁽³⁾	Additional Travel Charge Over 50 Miles ⁽⁴⁾
AC	SP600 Standard or Modified	0.5-20 HP	All	\$902	\$656	\$202	\$102.0/25miles
AC	GV3000/SE Standard	1-400 HP	V/Hz & Sensorless Vec	1,006	820	202	\$102.0/25miles
AC	GV3000/SE Standard	1-400 HP	Closed Loop	1,230	985	202	\$102.0/25miles
AC	GV3000/SE Pre-configured	1-400 HP	All	1,230	985	202	\$102.0/25miles
AC	LiquiFlo Standard or Modified	350-500 HP 1000 HP	V/Hz & Sensorless Vec	1,230 2,215	985 1,970⁽⁵⁾	202 202	\$102.0/25miles \$102.0/25miles
AC	LiquiFlo Standard or Modified	350-500 HP 1000 HP	Closed Loop	1,395 2,375	1,148 2,134⁽⁵⁾	202 202	\$102.0/25miles \$102.0/25miles
DC	FlexPak3000 Standard or Modified	1.5-150 HP 200-600 HP	All	902 1,230	650 985	202 202	\$102.0/25miles \$102.0/25miles
DC	FlexPak3000 Modified	700-1000HP	All	2,222⁽⁵⁾	1,970⁽⁵⁾	202	\$102.0/25miles

Notes:

- (1) Pricing does NOT include checkout of optional components that might be ordered in conjunction with a Standard Drives product order. Pricing for optional component checkout will be at US\$120.00 per component. Rates are listed for standard 8-hr working days - Monday-Friday (7:00 AM - 6:00 PM). Any site assistance that is provided and determined to be outside the standard coverage for startup will be invoiced at the time and material rate of US\$160.00/hr; standard overtime (x1.5) and premium time (x2.00) multipliers will apply.
- (2) Standard Products drives scheduled for startup at "Additional Units" pricing must be installed and available for concurrent startup activity.
- (3) Overnights are NOT included in standard startup pricing. Careful scheduling of Rockwell Automation field engineering resources should be made to minimize overnight charges. Overnights are invoiced at the flat rate of US\$202.00 per night (hotel & meal expenses).
- (4) Included in standard startup pricing is coverage for up to 50 portal-to-portal miles of travel time & expense. US\$102.00 will be invoiced per additional 25 miles. Any expense for airfare, railfare, car rental, etc. will be invoiced at cost.
- (5) These drives will most likely require an overnight per drive. Pricing should include an overnight adder.
CS3000 software installation and introduction will be invoiced at time and material rates. Startup/setup associated with hardwiring or software programming of any included I/O and/or network communication options will be invoiced at time and material rates.

NOTES