

## Hydraulic, Pneumatic, Automation Components & Systems

### Flow Products is pleased to announce the addition of two new members to our team:

#### *Matt Darnell, Account Manager*

Matt has a diverse background in the forensic engineering field and entered the sales realm of engineering working for one of Flow Products' customers.

[Read more about Matt](#)

#### *Gil Ramos, Sales & Marketing Manager*

Gil brings extensive combined experience in engineering and marketing working in key industries such as: Transportation, Semiconductor, Mining, Pulp & Paper, Construction and Energy.

[Read more about Gil](#)

### RSX Series Extreme Force Electric Actuators



The [RSX series of extreme force electric linear actuators](#) are more efficient and offer increased precision compared to hydraulic cylinders.

Tolomatic precision ground planetary roller screws are used to achieve long life and precision. The RSX series is designed and tested for long life and reliable performance in demanding conditions including cold weather operation. The RSX series includes two frame sizes capable of achieving 18,000 lbf to 30,000 lbf (80 kN to 133 kN) max force.



RSX Series Extreme Force Electric Actuator

RSX extreme force electric linear actuators offer these features:

### WG20 Series Maximum Torque Gearmotors - 13,700 lb-in



The [WG20 Series of geared motors](#) comes in three styles: Helical, Parallel shaft and Helical bevel. Each is designed to meet the precise needs of the specific applications including conveyors, presses, agitators, mixers, bulk material, pumps and compressors. The wide selection of mounting configurations allow for easy design and installation into any equipment.

Additional features include:

[Watch WG20 video](#)

- Standard mounting dimensions
- Wide speed range
- Motor efficiency class IE4
- Low noise levels
- Reduction ratio from 2.44 to 487
- HP from 1/16 to 30



Helical Geared Motors



Parallel Shaft Geared Motors



Helical Bevel Geared Motors

The [RR Series](#) is the culmination of over 45 years' experience in designing the highest quality, most robust and versatile line of planetary gears in the industry.

The extensive series includes the powerful Winch Drive (W), the compact Wheel Drive (RRWD), Track Drive (RRTD) and Swing Drives (RR). All in a wide range of rated torque and ratios. The series incorporate a modular concept which affords design and customization flexibility.

**Some of the key features of the series include:**

- Lower weight
- Designed for high duty cycles
- Wide reduction ratio
- Combined gear units
- Hydraulic brake systems (RF)

[Learn more about RR Series gearboxes](#)

- Planetary roller screw drive for long life
- Type III hard coat anodized aluminum housing for harsh environments
- Standard thrust rod anti-rotation feature
- IP67 rated for water, dust and corrosion resistance
- Compatible with servo motors and gearboxes up to 215mm frame sizes
- Available with white epoxy coating and stainless steel thrust rod (Contact Flow Products)

[Learn more about RSX electric actuators](#)



**Winch Drive**



**Slewing Gear**

## TDB Series Trans-DOT Axle Control/Suspension Dump Boxes



The new [Alkon TDB Series Dump Box Control System](#) has been designed for the control of truck suspension systems, lift axles and pressure protection valves. The lightweight design is up to 50% less than competitive models.

With 8 styles and 32 models to choose from, you are guaranteed to find the right product for your application including tankers, flatbeds, gravel haulers, short & long haul trailers and more.

**Alkon offers the following market leading features:**

- 100% testing of all models
- Minimum parts for maximum reliability
- Lightweight design – up to 50% less than competitive models
- Easy installation & maintenance
- Tough, dependable design with corrosion resistant control box

[Learn more about TDB Series](#)



**TDB Series Dump Box  
Control System**

Flow Products is your local authorized distributor and application specialist for all your hydraulic and pneumatic product and control system needs. Call us for additional information, technical training requirements and product application reviews.