# **Grip Guide**

**Heavy Equipment Commercial Grips** 

### **Heavy Equipment and Material Handling Grips**

- · Rugged injection molded grip
- Can be outfitted with a variety of OTTO switches
- · Ergonomic design for extended use
- Custom designs
- Made with comfortable soft touch rubber
- · Left-handed, right-handed or universal orientation available







### **Palm Grips**

- · Rugged thermoplastic
- · Can be outfitted with a variety of OTTO switches





### **Contour Grips for Demanding Applications**

- · Ergonomic design
- Can include virtually any OTTO switch in customizable configurations on the front, side and back
- · Reduces muscle strain allowing for extended use with minimal fatigue
- · Left-handed or right-handed orientation available
- · Comfortable soft touch coating available



### **Tractor Grips**

- · Rugged thermoplastic
- · Can be outfitted with a variety of OTTO switches





### **Universal Grips**

### **Small and Medium Universal Grips**

- · Standard design eliminates the need for tooling charges
- · Compatible with the OTTO JH and JHM series Hall effect Joysticks
- Custom configurations available
- Accommodates a full line of pushbutton. rocker, toggle, HP Hall effect & HPL proportional output series of switches
- · Various mounting & termination options available
- · Includes mounting adapter with boot ring
- · Soft touch versions available



Small Universal Grips available in 16 standard button configurations



Medium Universal Grips available in 10 standard button configurations



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# **Grip Guide**

Aerospace and Military Grips

### **Flight Control Grips**

- B8 & Cobra style grips are made in accordance with MIL-DTL-25561
- · Most ergonomic version on the market
- · Non-reflecting, non-hygroscopic, rugged injection molded grips
- Choice of termination styles—from integral connectors to wire harnesses
- Threaded disconnect or tube mounting
- Can be populated with MIL qualified switches, standard or custom configurations



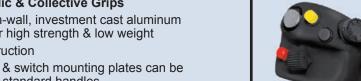
## **Ground Vehicle Grips**

- · Grip has thin-wall, investment cast aluminum construction for high strength and low weight
- Backlighting options
- · Grip can be customized with a variety of OTTO switches

### **Throttle Control Grips**

- · Control for fixed-wing aircraft
- Custom toggle & rocker switches can be used to meet high cycle requirements







### **Dual Grips**

#### **Dual Grips**

- · Standard USB, analog or serial interface
- · Readily available options include HTL series and P7/P9 switches
- · Lightweight, ergonomic design for comfortable use
- · Switches sealed to IP68S
- · Hall effect switches offer excellent EMI/RFI immunity
- RoHS/WEEE/Reach compliant



### **Helicopter Cyclic & Collective Grips**

- Grips have thin-wall, investment cast aluminum construction for high strength & low weight
- Modular construction
- · Custom heads & switch mounting plates can be fabricated to fit standard handles
- · Available with switch access panel for easy repair & maintenance

· A variety of button colors & style options available



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