

## 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 including termination and mounting
- Left-handed, right-handed or universal orientation
- Soft touch options available



### Contour Grips for Demanding Applications

- Ergonomic design reduces muscle strain and fatigue
- Customizable switch configurations on the front, side and back of grip
- Left-handed, right-handed or universal orientation
- Accommodates virtually any OTTO switch
- Compatible with OTTO JH and JHM series Hall effect joysticks



### Palm Grips

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



### 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



Small Universal Grip with Custom Button Configuration shown mounted on a JH Large Joystick

# Grip Guide

## Aerospace and Military Grips

### Military Flight Control Grips

- B8 & Cobra style grips are made in accordance with MIL-DTL-25561
- Most ergonomic versions 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



### Standard Flight Control Grips

- Made with thin-wall, investment cast aluminum construction
- Incorporates switch access panel for easy repair & maintenance
- Available in three versions:
  - Left hand with hand rest
  - Right hand with hand rest
  - Right hand with no hand rest



### Throttle Control Grips

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



### Ground Vehicle Grips

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



### Helicopter Cyclic & Collective Grips

- 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
- Transducer & electromechanical trim switch options



## Dual Grips

### Dual Grips

- Durable, lightweight game style grip
- Ergonomic design
- Standard USB or serial interface
- Readily available options include HTL series joysticks and pushbutton switches
- Excellent proportional control
- Switches sealed to IP68S
- Switches provide excellent EMI/RFI shielding

