

Images are not to scale. Specifications are subject to change. This document is a representation of an original OTTO publication by kind permission © 2015

### 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



### 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



### 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

### 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



### 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
- Transducer & electromechanical trim switch options



### 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
- Custom configurations available



Images are not to scale. Specifications are subject to change. This document is a representation of an original OTTO publication by kind permission © 2015