

# HYDRECO

HYDRAULIC SOLUTIONS PROVIDER

## safeTgrip®

MFE / MFE2 HANDLES



With inbuilt capacitive sensor technology for safety trigger function

## safeTgrip® INTRODUCTIONS

### ■ SAFETY!

Cannot be overridden since there is no switch to manipulate.

### ■ SELF SCANNING

There is no adjustments needed by the user or machine builder since the device adjust itself to the environment at start-up which leads to increased reliability.

### ■ DOUBLE REDUNDANCY

With this feature you get improved reliability and it reduces risk of future issues. It is truly a safe trustworthy device that personalise the phrase "Fit & forget". Virtually no future maintenance will be required.

### ■ SELF CONTAINED CONTROLS IN HANDLE

No extra space is required outside the handle for additional control boards that could require additional assembly and additional cables. This solution has lower total cost than such products. Since it fits current equipment it is easy to replace old models and it simplifies maintenance.

### ■ CONTROL CURRENT = 3 AMPS

No need for a relay in majority of applications simplifying the signal circuitry.

### ■ EFFORT FREE AND COMFORTABLE FOR USER

Reduces risk of operator fatigue since there is no button to push. This in turn leads to improved safe operation of machine. Operator feels no stress in hands which enables limitation of risk for future problems/issues/injuries. Giving same level of working comfort whole day.

### ■ WORKS WITH OR WITHOUT GLOVES ON

Keep your hands protected at all times and reduces uncertainty of switch being operated or not.

### ■ NO MOVING PARTS IN SAFETY CIRCUIT

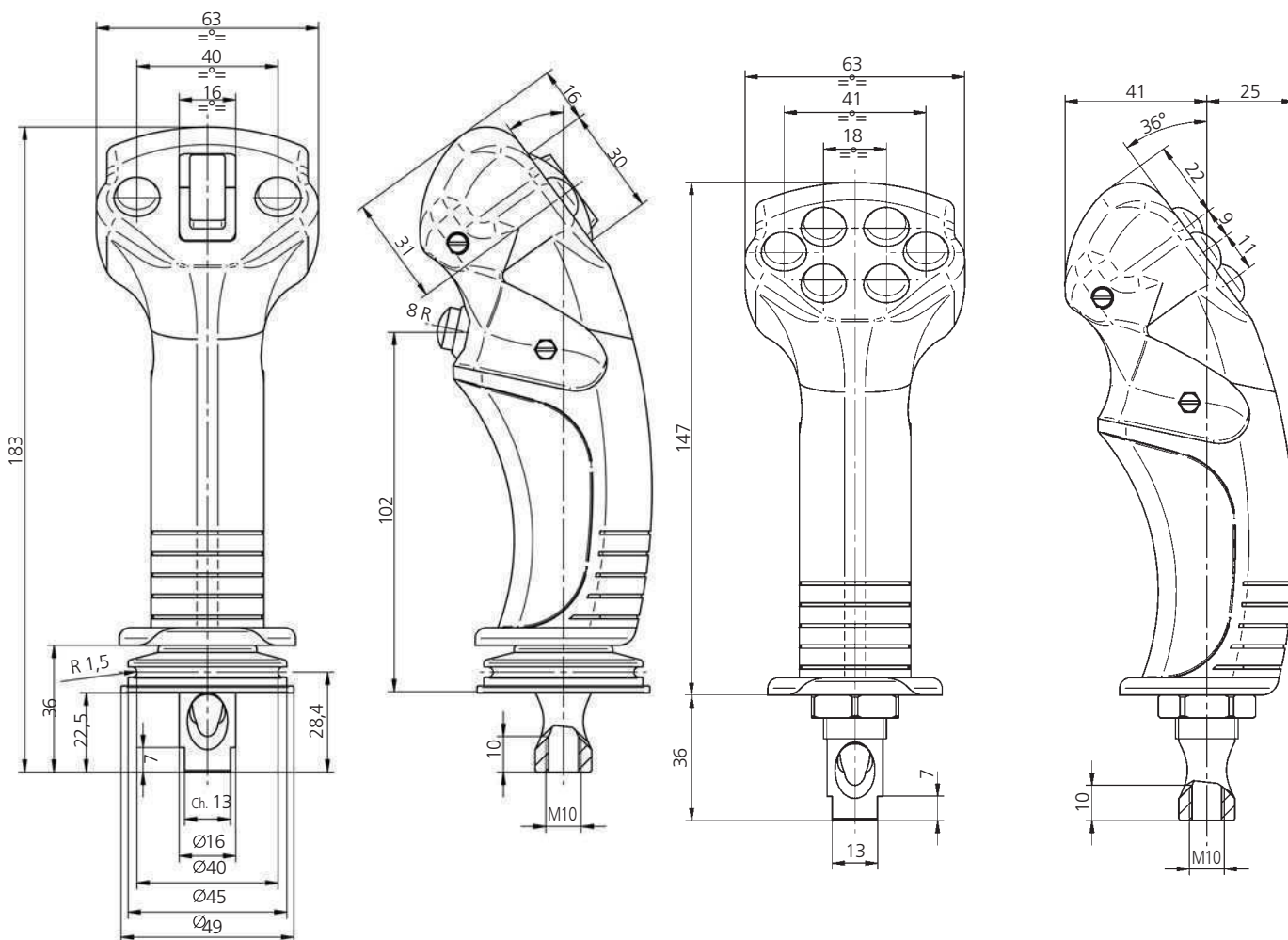
No moving part that potentially can break and there is no trigger to put tape around... therefore it cannot be overridden.... leading to improved safety on a device with smooth surface making it cleanable and potentially more hygienic.

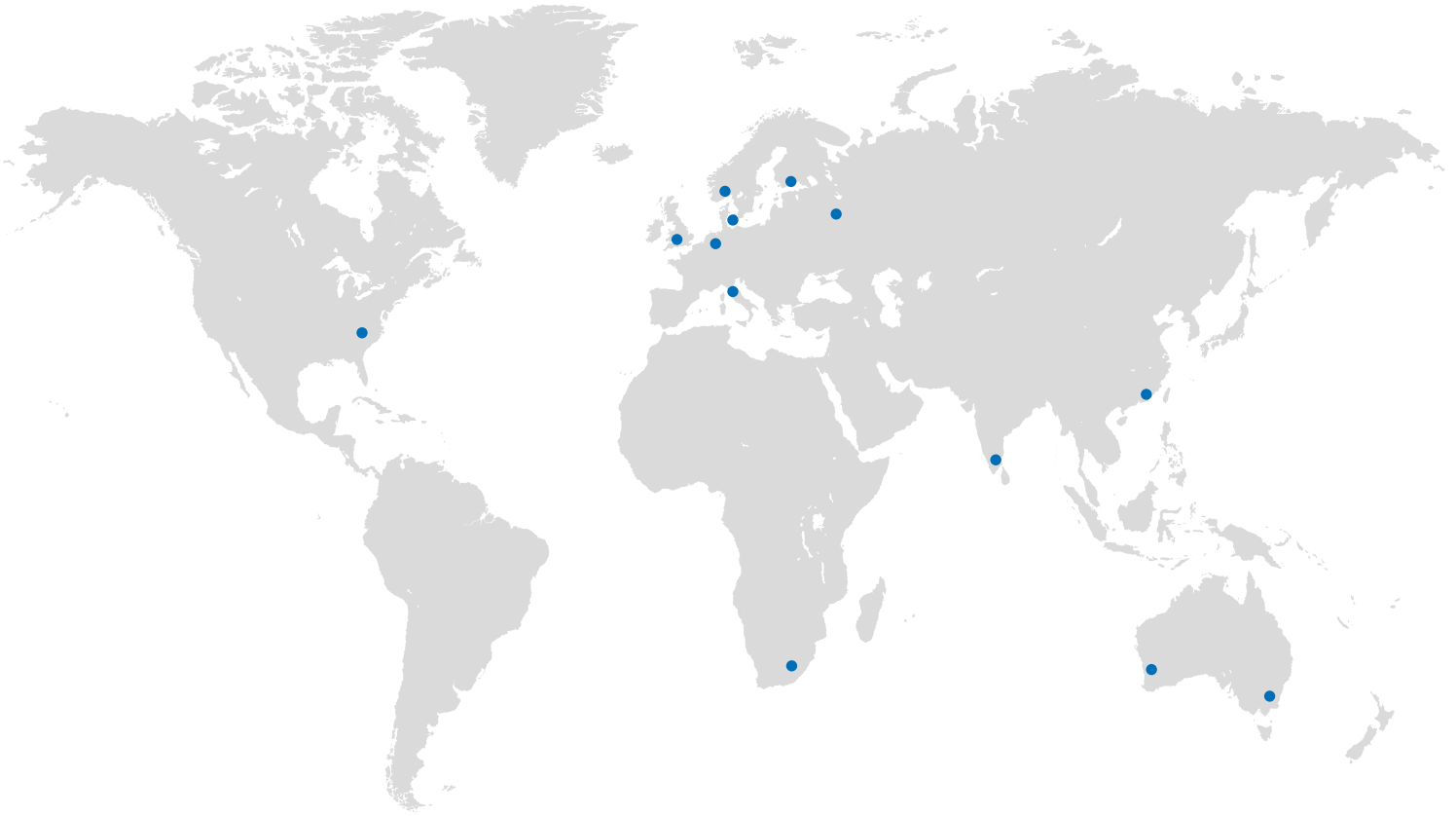


**safeTgrip** TECHNICAL DETAILS

Supply Voltage (cont)	12 and 24 Volts
Max voltage (peak)	30 Volts
Rated Current	3.0 Ampere
Temperature range	-40 to +80°C
Humidity	100% rel.

- **Switch type A**  
Current ..... 3.0 Ampere  
Protection ..... IP 67
- **Switch type C**  
Current ..... 0.4 Ampere  
Protection ..... IP 67
- **Switch type D**  
Current ..... 2.0 Ampere  
Protection ..... IP 68
- **Switch type E**  
Current ..... 3.0 Ampere  
Protection ..... IP 67
- **Rocker Switch**  
Current ..... 10.0 Ampere  
Protection ..... IP 68
- **Proportional Rocker Switch**  
Current ..... 0.18 Ampere  
Protection ..... IP 65





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