SWEBEND

PRECISION BENDING, SIMPLIFIED

POWERFUL, PRECISE & RELIABLE

# THE BLUETOOTH CONTROL UNIT

www.**swebend**.com

# THE BLUETOOTH CONTROL SYSTEM

The SweBend Bluetooth Control Unit is a revolutionary wireless device that gives operators full freedom to control bending machines from any position. With its versatile setup options, it handles 24 digital signals, 2 analog inputs, and up to 4 digital readouts, offering precise control and flexibility. Designed with safety and ease of use in mind, it allows operators to move freely while maintaining full command over the machine's functions.

## DEVELOPED WITH YOU IN MIND

With our new wireless control device the operator remains in charge but is no longer tied to a stationary control. We listened to our customers and developed a revolutionary control unit that can be used to control almost any type of bending machine in the industry. The SweBend Bluetooth Control Unit allows full control over the operation by letting you control the machine from the best and safest working position.

## MANY COMBINATIONS OF JOYSTICKS, PUSH BUTTONS AND SWITCHES

As with everything we create - you are the final voice. Determine the functions for your Bluetooth Control the way you want to have it. We have 24 digital input signals and 2 analog inputs available in the hand held unit, and these can be combined in almost any way imaginable. Also we can add up to 4 digital readout displays that can be used to show roll positions or working pressure – it is up to you!

How to choose? We have more than 250 years of experience in the bending industry within the company. We would be honored to assist you in selecting the proper set-up for your needs.

## BASIC COMPONENTS COMBINED WITH SOPHISTICATED TECHNOLOGY

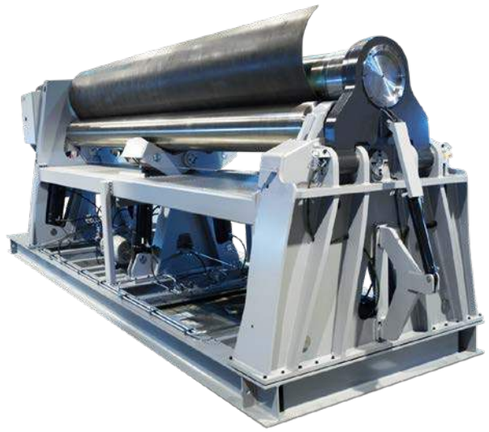
Bluetooth, batteries and binary coding, all fundamentals in today's technology. By using existing and time-tested technology we are able to provide a powerful and industrial-strength solution with low risk for error or technical issues.

## UNMATCHED FREEDOM

Experience unmatched freedom with the SweBend Bluetooth Control System. Free from cables and stationary controls, operators can move effortlessly around the workspace, inspecting and controlling the machine from the safest and most convenient position. The lightweight, wireless design allows for complete mobility, offering greater flexibility and precision in every operation.

## WHY A BLUETOOTH CONTROL UNIT?

- **Operator freedom**
  Without a cable that limits working area and risk breaking, the operator can move freely and with ease.
  The light-weight unit (1500 gram - about 3 pounds) combined with the wireless function allows movement of the operator like never before. Imagine being able to inspect and control the process while still in full control of the machine!
- **Several functions - One tool**
  The Bluetooth protocol handles 24 digital signals (directional signals), 2 analog signals and 4 position signals (digital readouts). While standard radio controls can switch between on and off, the SweBend Bluetooth Control Unit can also control variable speed control systems.
- **Increased security**
  Even though the unit is permanently paired to the machine (no connect or disconnect procedure), the operator's safety has been given primary importance with a safety relay system. The system halts all processes if the Bluetooth communication signal is interrupted at any time.



## SPECIFICATIONS

**Inputs: (up to)**
- 24 Digital signals
- 4 Analog for position transducers
- 2 Emergency Circuit Signal

**Outputs: (up to)**
- 24 Digital signals
- 2 Analog signal
- 2 Emergency Circuit relay
- 4 Digital readout displays

**Master Unit requires:**
- 24VDC, 1A supply

**Handheld Unit:**
- 4 standard AA batteries
- EMC & CE Certified

**Built-in timers to save energy:**
- Dimming displays after 60 seconds
- Shutting down machine after 10 minutes if no operation is detected

**Minimum guaranteed operating distance from the machine:**
- 15 meters (50 feet)
- Automatic Emergency Stopfunctionality if signal is lost

# MADE IN SWEDEN - BECAUSE QUALITY MATTERS

Means a machine that guarantees the highest quality in all details resulting in longer lifetime, less maintenance and repairs, higher output, better production quality and an unmatched return-on-investment!

## SWEDISH ENGINEERING EXCELLENCE

SweBend is a Swedish company located in Hässleholm in the very south of Sweden. Our team of dedicated and experienced engineers and mechanics offers you the best possible assistance in the field of bending and forming.

Together we have a solid foundation of experience and know-how of what it takes to design, manufacture and install machines that will be a cornerstone in your production.

## EMPOWER YOUR BENDING OPERATIONS

Together with us at SweBend you can be sure to use modern and robust technology, designed and adapted to industrial demands with focus on productivity! SweBend offers many different sizes of Section and Plate bending machines.

All our models can be equipped with our control systems, including Bluetooth presented in this catalogue, electronic parallell control system with our IOM31P board, up to our amazing CNC system SEVEN (available in various executions). From our smallest model, SB3-35, designed for narrow and small jobs, throughout a range of standard machines up to our giant and powerful Eliminator-500.

SweBend also offers customer specific machines and special capacities when required.

## COMBINE WITH SEVEN

All our models can be equipped with our control systems, including Bluetooth presented in this catalogue, electronic parallell control system with our IOM31P board, up to our amazing CNC system **SEVEN** (available in various executions).

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SWEBEND

THE WORLDS BEST BENDING MACHINES

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