

# The Value of ClassMate Cobots

## Collaborative Welding Robots For Education

*Tackling the shortage in skilled trades has grown the need to automate in industry. Programming or operating a collaborative robot (cobot) can seem intimidating, but the Cooper™ App makes it as simple as Click Click Weld™. Let's explore the benefits the ClassMate Cobot systems can bring to students in your classroom!*



### Industrial Cobots

ClassMate Cobot systems are available with your choice of FANUC® or ABB® robot arm. Students will learn about robotics with brands commonly found in the industry.



### Power Wave® R450

The industry-leading Power Wave R450 power source offers an extensive library of waveforms, which control welding arc length, reduce spatter, and change travel speeds. The Power Wave R450 can connect to single-phase or 3-phase power.



### Smart Torch

Smart Torch design provides an ergonomic grip for users to easily move the collaborative robotic arm. The integrated buttons allow users to program from the torch.



### Weld by Numbers®

The Weld By Numbers feature offers preset weld settings. Dozens of parameters are preset in these numbers, which correlate to the material thickness to help optimize weld performance and quality.



### Easy Programming

The innovative Cooper App provides an easy and intuitive interface that gets operators performing welds quickly. It accommodates for personal preference and customization of specific welds.



### Mobile Cart Design

The slender, lightweight design offers flexibility and mobility for classrooms and labs; the standard tooling table top makes it easy to set up parts.

#### CUSTOMER ASSISTANCE POLICY

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