

## Primary features

- Oscillation for improved weld quality
- Precise oscillation speed control
- Continuous welding
- Quick clutch mechanism
- Rigid rail track system
- Convenient power supply 115-230V 50/60Hz
- Compatible with MIG/MAG, plasma and oxyfuel torches
- Reduce wasted filler metal - eliminates over welding
- Suitable for straight, circular and bevel cutting
- High-quality construction for durability

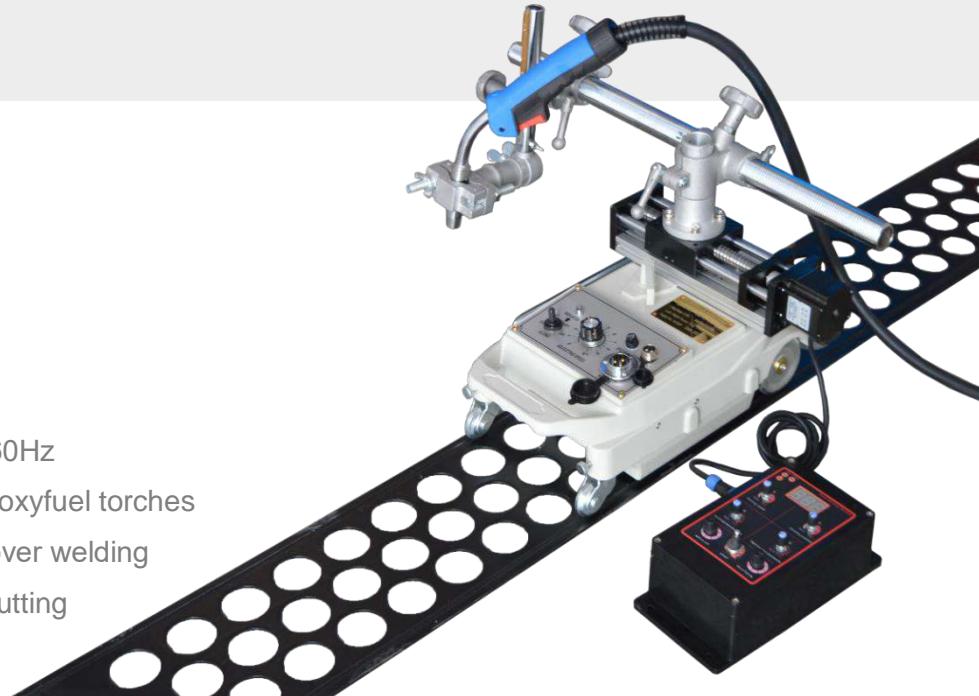
The Cruxweld DynaMove 45K is used throughout the world to automate a wide variety of welding and cutting operations.

### Welding and cutting made effortless!

**Oscillation:** Oscillation helps to improve the quality of welds by creating a more consistent heat distribution. This can help to reduce the risk of defects such as porosity and undercut.

**Compatibility with MIG/MAG, plasma and oxyfuel torches:** The Cruxweld DynaMove 45K is compatible with a wide range of welding and cutting torches, making it a versatile tool for a variety of applications.

**Suitable for straight, circular and bevel cutting:** The Cruxweld DynaMove 45K can be used for straight, circular and bevel cutting, making it a versatile tool for a variety of fabrication tasks.



## DynaMove 45K

### Welding and Cutting Automation Carriage

Model	DynaMove 45K
Power source	AC220V±10%
Phase, $\Phi$	Single
Frequency	50/60 Hz
Swing range	1 – 100 mm
Speed control	Silicon control
Cutting speed	50 ~ 4500 mm/min
Welding speed	50 ~ 1100 mm/min
Cutting thickness	Up to 150 mm
Groove angle, degrees	0 - 45
Diametral of cutting circle	200 – 2000 mm $\varnothing$
Motor	DC 110V, 30W, 4200r/min
Welding capability	MIG/MAG, TIG, plasma, and oxy-fuel
Cutting capability	Plasma and oxy-fuel
Oscillation type	Linear
Oscillator arm stroke	0 – 100 mm
Oscillation width	0 – 50 mm
Oscillation speed	0 – 1500 mm/min
Max oscillator pulling force	100 N
Dimensions	435*220*240 mm
Weight	12.5 kg



### Oscillator control

The CSP control from Cruxweld is a micro-processor-based controller that provides high levels of accuracy, quality, and reliability. It has a range of features, including forward/neutral/reverse, run/stop, manual/auto speed control, weld oscillation and auto-weld functionality. All these features are controlled by a single CSP control, which makes it easy to use and ensures consistent results.



### THE MOST DURABLE, DYNAMIC, AND VERSATILE CARRIAGE IN THE INDUSTRY

**Welding processes:** The Cruxweld DynaMove 45K is a versatile welding carriage that offers support for various welding processes, including MIG/MAG, TIG, plasma, and oxy-fuel welding, as well as cutting. This wide range of capabilities provides flexibility in choosing the most suitable welding and cutting methods for your specific application.



The self-propelled oxy-fuel cutting cart features a versatile torch clamp with a rack mechanism for precise adjustments. It allows for easy movement, adjustable installation height, and torch angle within  $\pm 45^\circ$ .



Radius cut in metal

45 degrees cut in 30mm metal

Right angle cut in 30mm metal

Cruxweld **DynaMove 45K** designed for plasma cutting capable of cutting straight lines, circles, and bevels.

