

MOST COBRA compact carriage for mechanization of welding processes

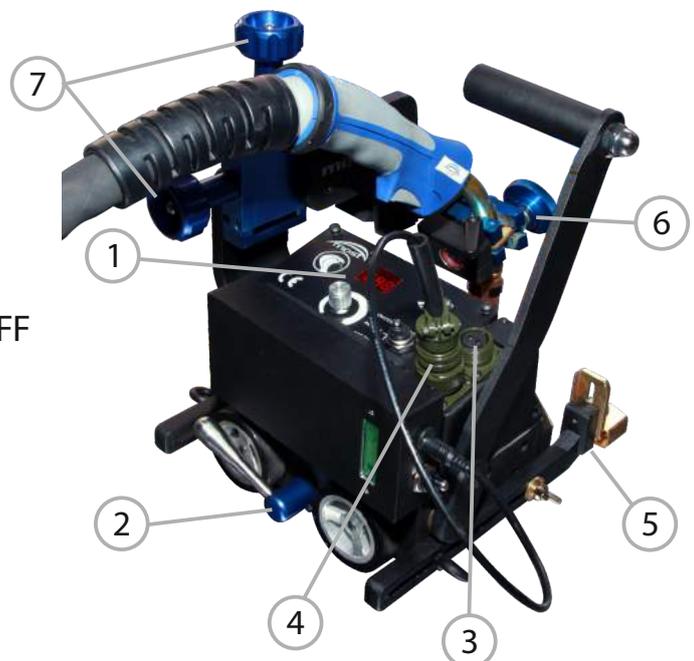


MOST COBRA welding carriage was designed to high productivity welding of seam welding joints to different welding position. Welding carriage is equipped with a stable four-wheel drive and a magnetic base which guarantees stable driving and high repeatability, this feature significantly affects the performance and quality of welded joints. Precise positioning of the welding torch ensures the cross system terminated by the universal quick-setting burner holder. The control panel is equipped with an LED display for precise welding speed setting. For the COBRA carriage we have prepared a wide range of accessories to improve the work i. e. dual torch mount support, battery power supply and flexible track for operation in the wall position.



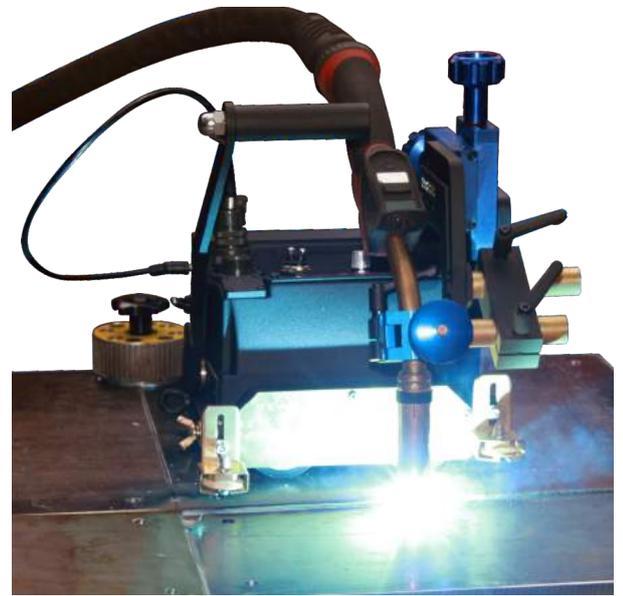
- Compact, lightweight construction
- Robust housing
- 4 wheel drive
- Magnetic base/fixation
- Precise torch adjustment with cross slide for all welding application
- LED display – welding speed presetting
- Automatic ARC control ON/OFF (control of welding power source)

1. Control panel with LCD
2. Magnetic base lever ON/OFF
3. Arc ignition socket for welding machine ARC ON/OFF
4. Power supply socket
5. Adjustable guide arm
6. Quick clamp welding torch holder
7. Cross slide assembly support of welding torch

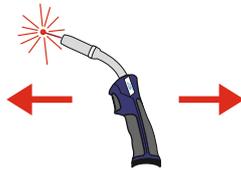


Technical data:

Welding Speed	0 ~ 1000 mm/min	
Drive	4-wheel	
Magnetic base/fixation	Yes	
Welding position (EN ISO 6947 and AWS/ASME)	PA / 1F / 1G PB / 2F PC / 2G PD / 4F PE / 4G	
Power supply	115-230 V / 50-60 Hz DC 24 V	
Battery	Option	
Dimensions	275,5 / 286,5 / 303,8 mm	
Weight	8 kg	
Torch adjustment range	Up - down	50 mm
	Right - left	50 mm
	Range of working angle	± 45°
	Range of adjusting angle	± 10°



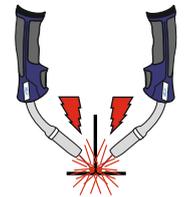
Continuous welding



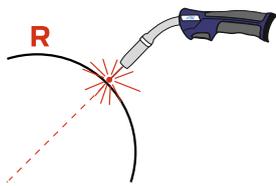
Horizontal speed
0-100 cm/min



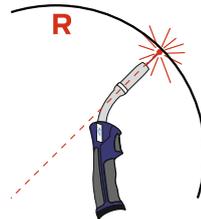
Vertical speed
0-100 cm/min



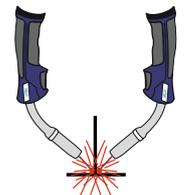
Dual Arc Ignition



Min. path convex radius
750 mm

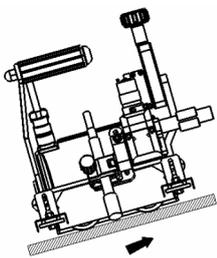


Min. path concave
radius 1000 mm

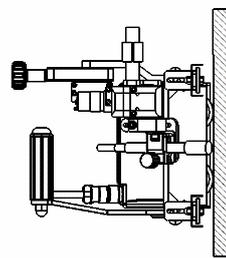


Dual torch welding

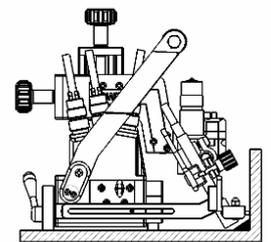
Versatility of MOST COBRA welding tractor applications including out-of-position use



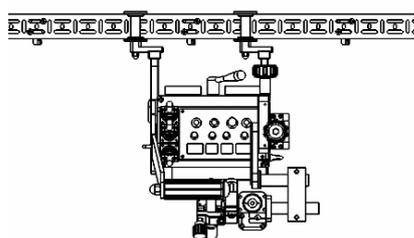
Oblique surface welding



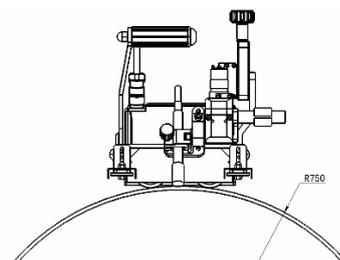
Vertical welding



Horizontal welding



Welding with flexible track



Minimum path convex
radius 750mm