Welding Tractors

FEATURES and BENEFITS

- Oscillating system
- Drive via four rubber wheels
- Tracking via leading wheels
- Increased safety due to low voltage
- Remote control with magnet for mounting at the respective place of use
- Multiple tractors can be controlled by one worker
- Welding on vertical surface and both directions of travel
- Adhesion by electromagnet
- Easy operation

ART-ED-5WB

The welding tractors of the ART-ED series combine a robust construction with a safe and efficient use. While the ART-ED-FL is equipped with a permanent magnet, the ART-ED-5WB has an electromagnet that allows welding on vertical surfaces. Both magnets prevent leaving the weld. When the end of the workpiece is reached, the welding process is terminated automatically. The parameters speed, direction of travel and start of the welding is adjustable about the control of the Tractor. In addition, adjustable slides are used to fine tune the torch.

FEATURES and BENEFITS

- CO² welding tractor, the specialist in fillet welds
- Application area in the horizontal plane
- Magnetic handle makes it easier to remove swarf and move the tractor
- Limit switch on both sides of the tractor
- Welding in both directions
- Small, lightweight and easy to use
- Drive via four rubber wheels
- Easy operation

ART-ED-FL

CLIPPING FROM THE STANDARD PROGRAM		
Technical specifications	ART-ED-5WB	ART-ED-FL
Dimensions (mm) LxBxH	305 × 210 × 300	320 × 230 × 290
Weight (kg)	12	8
Input power	AC 36V	
Drive type	4-wheel drive	
Driving speed (mm/min)	0 ~ 990	
Motor	DC 24V, 15W, 1/250	
Traction (kg)	20	
Loading capacity (kg)	40	
Castor reach (mm)	100	
Torch diameter	14 ~ 16	
Forward/backward (mm)	0 ~ 50	
Up/down (mm)	-	0 ~ 50
Welding angle (°)	0 ~ ±15	0 ~ ±45
Torch angle (°)	0 ~ ±10	
Oscillating mode	⎓ ⌇ ⊓⊔ ⅃	-
Oscillating speed (rpm)	0 ~ 5	-
Oscillating wide (°)	±8	-
Left/right/stop (s)	0 ~ 2	
Center shift (°)	±3	~
Dimension transformer (mm) LxBxH	200 × 150 × 130	
Weight transformer (kg)	2.4	
Input/Output	AC 220V/AC 36V	