



Welding carriage is the best way to resolve rising labour costs and increased demands for verifiable and consistent quality. A UNITRACK-45K offers an excellent and practical **first step into the world of welding automation**.

Our welding tractor not only improves quality and production time, it also saves money in measurable ways.

- Quick clamp torch holder
- Rigid connection rail
- Universal torch holder
- Immediate gain in productivity
- Weld seam aesthetics
- Operator comfort
- Reduced costs
- Fast production processes

Oxy-fuel

MIG

Plasma



The Portable Multi-Purpose Carriage **UNITRACK-45K**

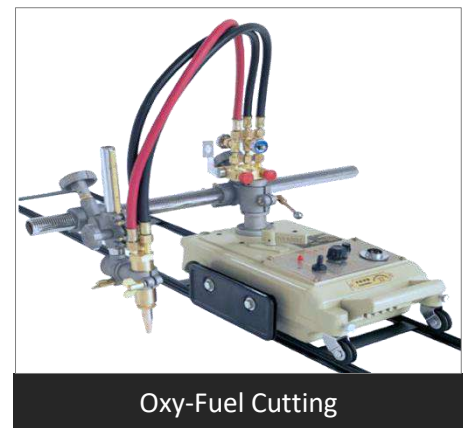
Enjoy the maximum efficiency, versatility and productivity with the **UNITRACK-45K**.



Bevel Plasma Cutting



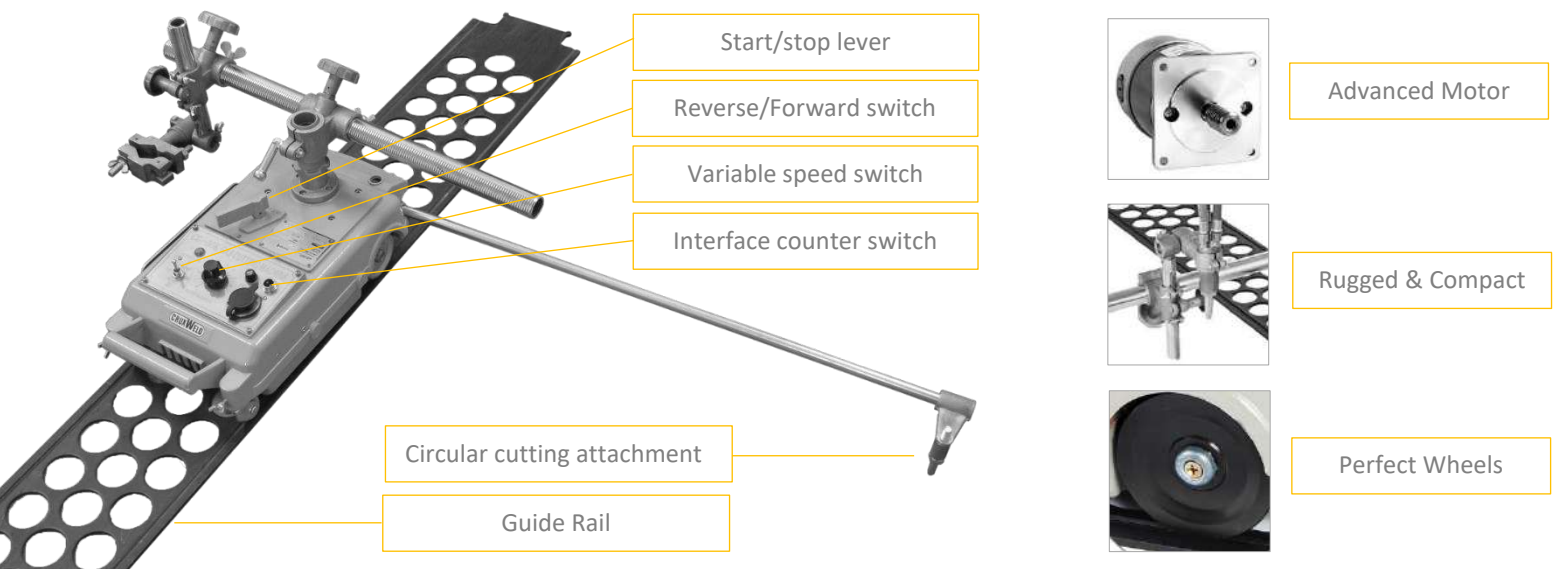
MIG Welding Automation



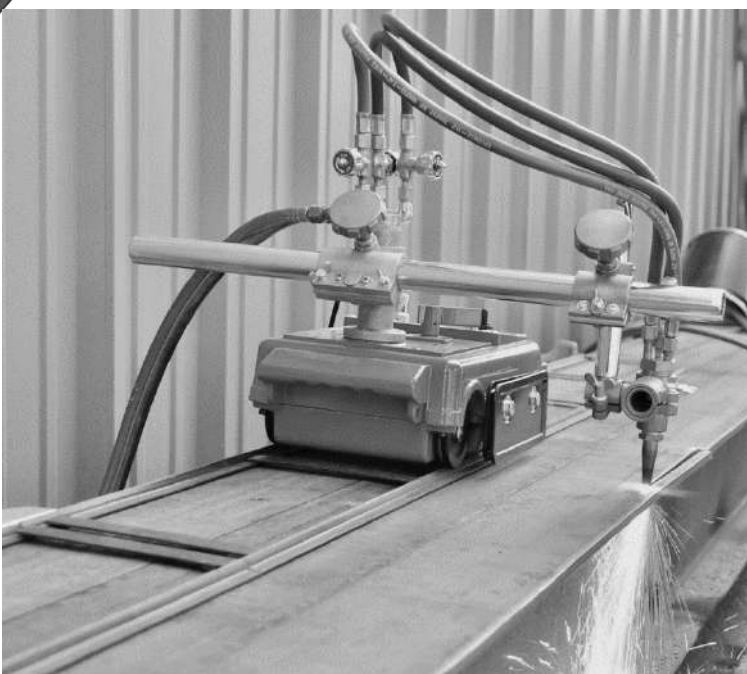
Oxy-Fuel Cutting

FEATURES AND BENEFITS

- **Maximum reliability in most heavy-duty environment**
Not affected by intense heat and fluctuating voltage, the maximum driving mechanism ensures steady traveling.
- **Double Cone Stepless Drive System**
Ensures extremely smooth speed transition, speed micro-adjustment and constant travel speed, which provides the UNITRACK-45K Max3's famous sharp, fine cuts.
- **Choice of accessory and options**
Features wide variety of options that makes the machine suitable to achieve various cutting needs.
- **Selectable torch set and rails**
Each torch set is specially designed for the purpose, ensuring the maximum results.
- **Versatility**
Ready for oxyfuel cutting, plasma cutting, or welding.



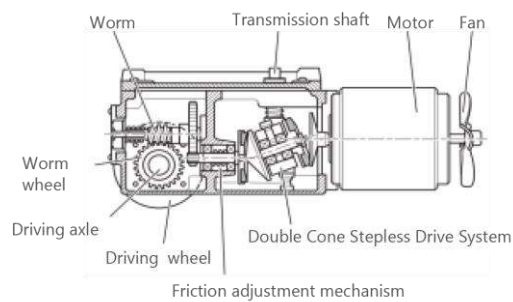
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| SPECIFICATIONS | UNITRACK-45K |
|-----------------------------------|-------------------------|
| Power source, V | AC220±10% |
| Phase, Φ | Single |
| Frequency, Hz | 50/60 |
| Speed control | Silicon control |
| Cutting speed, mm/min | 50 ~ 4500 |
| Welding speed, mm/min | 50 ~ 1800 |
| Cutting thickness, mm | Upto 150 |
| Groove angle, degrees | 0-45 |
| Diametral of cutting circle, mm Ø | 200-2000 |
| Motor | DC 110V, 30W, 4200r/min |
| Guide rail standard length, m | 1.8 |
| Dimensions, mm | 435*220*240 |
| Weight, kg | 12.5 |

The **UNITRACK-45K** is an incredibly robust tractor, which has been highly rated among the portable oxy-fuel cutting machines. Body structure is systematized to apply to different types of work and meet the needs of plasma cutting and automatic welding. Each component is functionally worked out as independent units, selection and assortment are at the customer's disposal to create the system needed for the requirement.

- The main body is made of high strength aluminium.
- Increased speed capability for plasma cutting.
- Designed for straight line cutting and for circle cutting.
- All key parts are made of copper, durable use.
- Capable of welding on inclined surfaces up to 45°.
- Precise movements and constant welding speed.
- Maintains consistent speeds throughout weld.
- Suitable for most cutting and welding applications.
- Suitable for thick plate cutting and bevelling.
- Double cone stepless drive system.



Because no reduction gear is employed in the mechanism, any knocking from backlash, noise or vibration does not take place.

50kg maximum loading weight with entire use of heat-resisting grease, high temperature soldering and minimal electrical component, UNITRACK-45K is reliable and durable for long continuous operation.