

WTC Machinery is a global leader in designing and building machinery and tooling for heavy equipment repair facilities.



**WTC MACHINERY**  
Engineered to perform. Built to last.

## CR14E Idler Rebuilder

### Take on the world's most colossal idlers.

WTC Machinery is proud to introduce the only idler welder of its kind in the world. The enormous CR14E is designed to handle idlers larger than seven feet in diameter (2.1 m) and as heavy as seven tons (6,350 kg).

For years, operators of large excavators have faced a choice between hand rebuilding and expensive replacements for worn idlers and drive tumblers. Now, however, the gigantic CR14E takes this process to an unprecedented new level: It allows operators to quickly, easily and accurately rebuild the rolling stock for large track machines.

### Easy Flange Welding

Like the CR10, the CR14E incorporates two high amperage weld heads, each with its own power source. These assure high deposition rates with both circumferential (stringer) and oscillate (cross) welding methods. It also features a standard power yoke that tilts up to 45 degrees in both directions, to facilitate flange welding.

### Spacious Work Platform

The CR14E's roomy platform provides a safe, comfortable working space, and swings out of the way when not in use. The system includes the gear to clamp, position and drive the idler, to feed and power two welding heads, and to deliver shielding flux. The simple, straightforward controls guarantee easy operation.



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### Specifications:

#### Machine Dimensions

Width:	236 inches (6.0 m)
Length:	175 inches (4.4 m)
Height:	188 inches (4.8 m)
Weight:	17,000 lbs (7730 kg)

#### Idler Dimensions

Maximum Weight:	14,000 lbs (6350 kg)
Maximum Diameter:	84 inches (2.1 m)
Maximum Width:	22 inches (0.56m)

#### Idler Drive

Drive Torque:	4800 lb-ft (6500 N-m)
Speed Range:	0.0 to 1.1 RPM
Clamping Force:	10,000 pounds (4545 kgf)

#### Welding Torches

Welding Torches:	2 x 600 Amps (Higher Amperage Available)
Max. Wire Barrel Weight:	2 x 1,200 lb (540 kg)
Max. Wire Barrel Diameter:	24 inches (0.6 m)

#### Electrical

Electrical Supply:	90 kW
Standard Voltages:	Three Phase 220V / 50 Hz - 250 Amps 230V / 60 Hz - 230 Amps 380V / 50 Hz - 150 Amps 415V / 50 Hz - 140 Amps 460V / 60 Hz - 120 Amps