

APEX® 30M MECHANIZED CONTROLLER

Portable Controller and Feeder for Orbital Welding

One Controller, Complete Control

- Light-weight, portable controller up to 100 ft (30.5 m) from power source
- Integrated digital motion control system and wire feeder as a single unit
- Eliminate additional equipment such as cranes, fixtures and platforms
- Simplify cable management for ease of portability

Efficient Implementation

- Minimal set up required due to reduced infrastructure
- Control and monitor processes for welding consistency
- Data logging for archiving and reporting

Flexible System Configurations

- Combine the controller with the HELIX® M85 Weld Head, Power Wave® S Series welders or Vantage® 600 SD/Air Vantage® ArcLink® enabled engine driven welders to create a completely versatile solution
- All system components are developed and supported by Lincoln Electric®



Processes

MIG, Pulsed MIG, Flux-Cored, GMAW – STT®

Input



Output



Applications

- Structural
- Maritime
- Power Generation
- Pipeline
- Process Piping
- Construction

Product Highlights

Operating platform incorporates a wire feeder and controller, and the APEX 3000 Digital Control Module.

Orbital Portable Welding System Ready-Pak® (K52165-2) includes:

- APEX 30M Portable Controller and Feeder
- Power Wave S500 Welder
- HELIX M85 Weld Head
- APEX Controller Pendant
- Mechanized Torch 550A, 15 ft (4.6 m)
- APEX 30M System Cart

Key Accessories

- APEX Operator Pendant
- Power Wave Advanced Process Module
- Power Wave STT® Process Module
- HELIX Quick Release Track Ring and Shoe Extensions

APEX® 30M PORTABLE MECHANIZED CONTROLLER AND FEEDER - SPECIFICATIONS

Product Number	Input Power	Output Range	Wire Diameter Range in (mm)	Wire Feed Speed ipm (m/min)	Wire Spool Size lb (kg)	H x W x D in (mm)	Net Weight lb (kg)
K52160-1	40VDC	5-500	Solid: 0.035-1/16 [0.9-1.6] Cored: 0.035-5/64 [0.9-2.0]	30-1200 [0.8-30.5]	10-44 [4.5-20]	15.3 x 25 x 10.9 [387.6 x 635 x 276.9]	49.2 [22.3]

CUSTOMER ASSISTANCE POLICY

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