

D325K 3+12 with Auto-Speed™, Excel™ Power, Dynamic DIG™, ArcReach®

Processes

- Stick, MIG, Flux-Cored, RMD®, Pulsed MIG, DC TIG, Gouging

Welding Output

- 325 amps @ 33 volts, 100% Duty Cycle, CC/CV
- DC Stick 30 - 325 amps
- DC MIG/Flux-Cored 10 - 35 volts
- DC TIG 10 - 325 amps



Generator Output

- 12,000 watts peak/10,500 watts continuous
- 2,400 watts, 20 amps at 120 volts generator power at idle speed and while welding

Auto-Speed™

- Auto-Speed™ technology responds to weld requirements by automatically adjusting engine speed to one of five rpm levels so the engine never works harder than necessary



Excel™ Power

- Excel™ Power delivers a full 2,400 watts (20 amps) of 120-volt inverter-based, pure sine wave power at all engine speeds, including at idle
- Able to operate jobsite tools, like grinders, at quiet, fuel-saving speeds



- Dynamic DIG™ is an ultra-adaptive arc control. Unlike conventional DIG that provides a preset amount of short-clearing current, Dynamic DIG works on a time-based algorithm that automatically adjusts the amount of current required to clear a short, providing a smoother more consistent arc that can be tailored to match the application, material, fit-up, and welder technique



Engine

- Kubota D902 EPA Tier 4F diesel engine
- 24.8 HP @ 3,600 rpm, 54.8 cu in (0.898 L)
- 3 cylinder, 4 cycle, liquid cooled diesel
- Auto-Speed™ 1,800, 2,400, 2,800, 3,200 or 3,600 rpm
- Idle speed 1,800 or 2,400 rpm
- 12 V electric start, dry type air cleaner
- Engine hour meter
- 3.9 qt (3.7 L) oil capacity
- Shutdown on low oil pressure, low fuel and high engine coolant temperature
- Auto air bleed fuel system
- 12 gal (45 L) fuel tank capacity
- 2 years/2,000 hours Kubota warranty

Dimensions H x W x L without protective frame

- 28" x 20" x 45.375" (711 mm x 508 mm x 1,153 mm)
- To top of exhaust tube: 34.375" (873 mm)

Weight

- 620 lb (281 kg) without protective frame

Sound Levels at 23 feet (7m)

- 81.5 dB @ 325 A load or full-generator load
- 70 dB @ 135 A load

Product Number

- 907755006

D325K 3+12 with Auto-Speed™, Excel™ Power, Dynamic DIG™, ArcReach®

ArcReach®

- Provides remote control of the power source without a control cable. ArcReach® allows you to change weld settings from your ArcReach® feeder or remote, saving a trip to the power supply using the existing weld cable to communicate welding control information between the feeder or remote and the power source thus eliminating the need for control cords

MIG and Flux-Cored Wire Feeders

ArcReach® Wire Feeders



SuitCase® 12RC Remote Voltage Control Feeder

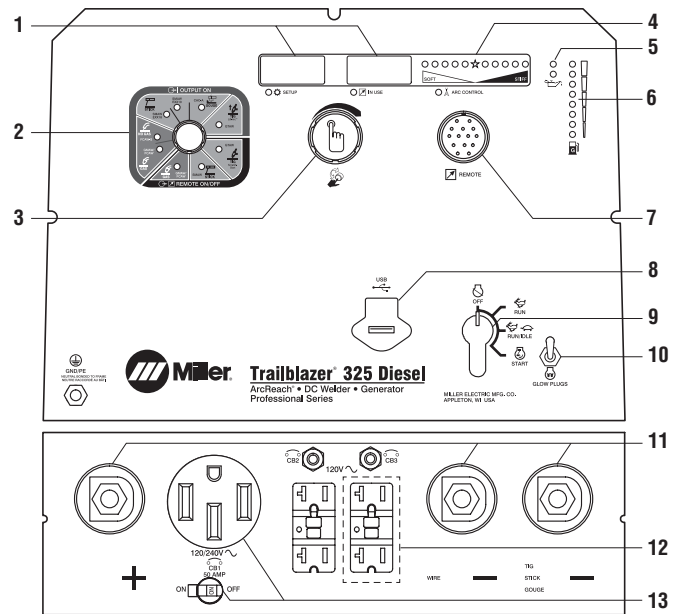


Spoolmatic® 30A Spool Gun Aluminum MIG (requires WC-24 Control)



Generator Performance

- Combined with a 25-horsepower engine, D325K 3+12 welder/generators offer 12,000 watts of clean, truly usable generator power that is Accu-Rated™, not inflated: tested to deliver uninterrupted peak output for a minimum of 30 seconds for big loads, so you can get more jobs done
- An independent welder and generator power system ensures no interaction between jobsite tools and the welding arc, while advanced generator technology virtually eliminates power spikes and other electrical imperfections — so welds are cleaner and jobsite tools can run without interruption, maximizing quality, productivity and profit



Key Controls

- Self-calibrating digital meters with SunVision™**
 - Preset and actual amperage/voltage
 - Process settings
 - Maintenance functions: hour meter, oil change interval, rpm
- Weld process selection switch**
- Pushbutton main control knob** used for adjusting amperage/voltage, adjusting arc control, and accessing the service menu
- Adjustable arc control** adjusts DIG when process control is in stick modes and adjusts inductance when process control is in FCAW or MIG modes
- Maintenance interval reminder.** Yellow and red indicator lights let an operator know when the machine is approaching, and finally in need of, routine maintenance
- Front panel fuel gauge LEDs indicate fuel level.** Low fuel shutdown automatically detects and shuts the engine off prior to running out of fuel
- Standard 14-pin receptacle** for simple connection of remote controls and wire feeders. Includes **Auto Remote Sense™** which automatically switches from panel to remote amperage/voltage (A/V) control with remote connected. Eliminates the need for a panel/remote switch
- USB port** allows software updates from a USB drive. A summary file of recorded data from the unit will be saved to a USB drive that is inserted
- Engine control:** Run/idle position adjusts engine to run at lower speeds depending on total power needed for welding
- Glow plugs** assist in cold weather starting
- Weld output terminals**
- Excel™ power** provides pure generator power at idle speed and while welding. Includes two 20 amp, 120 volt GFCI duplex receptacles with circuit breakers and ground fault
- 50 amp, 120/240 volt receptacle with circuit breaker**