PETROL ENGINE-DRIVEN WELDER

CC/CV DC

BOBCAT™ 265X with ArcReach® Technology

P/N: MR907826005-1

Provides the dependability and reliability Miller is known for, plus more capabilities to take on more jobs and faster, easier set up!

Ideal for stick and flux-cored welding. Designed for maintenance/ repair operations, construction, and auxiliary power use.

ArcReach®

Make parameter changes at the wire feeder or accessory without needing a control cord.

EASY MAINTENANCE

With it's intuitive design, the daily maintenance of our Bobcat engine-driven welder is fast and easy.

EASY TO USE

Digital interface provides quick and easy machine set up for welders of all levels.

EXCEPTIONAL ARC PERFORMANCE

Easy arc starts and less spatter.

SEPARATE WELD AND AUXILIARY POWER

Delivers the power you need on a job site to run electrical tools and more.

REMOTE START/STOP

Easily turn your Bobcat machine on and off remotely, so it only runs when you need it.

SAVE SPACE AND WEIGHT ON YOUR TRUCK

Over 50kg lighter and 13% smaller than previous model.

3 YEAR WARRANTY

Engine-driven welder is warranted for three years, parts and labor. Engine is warranted separately by the engine manufacturer.

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INDUSTRIAL APPLICATIONS

Maintenance | Repair | Work Trucks | Agriculture | Fabrication | Structural Steel Work

PROCESSES

Stick (SMAW) | MIG (GMAW)* | DC TIG (GTAW) | Air Carbon Arc (CAC-A) cutting and gouging (4.8mm carbons) | Flux-Cored (FCAW)* | Air Plasma Cutting and Gouging**

* With wire feeder.
** With the use of a plasma cutter

PRODUCT SPECIFICATIONS (Subject to change without notice.)

Welding Mode	Process	Amp/Volt Ranges	Rated Weld Output at 40˚C	Single-Phase Auxiliary Power*	Sound Levels	Dimensions	Net Weight
CC/DC	Stick/TIG	20-265A	265A at 27V, 100% Duty Cycle	Peak: 11,000 watts	73.1dB/72.5dB	H: 673mm H: 792mm (to top of exhaust) W: 511mm D: 941mm	173kg
CV/DC	MIG/FCAW	14-30V	265A at 27V, 100% Duty Cycle	Continuous: 9,500 watts 120/240V, 88/44A, 60Hz			

*Generator auxiliary power is 60Hz, and intended for operating equipment associated with welding, such as angle grinders, drills and floodlights. Some Australian 50Hz equipment incorporating induction motors, such as pumps, fans, air compressors, refrigeration or air-conditioners, may not operate correctly and could be damaged. Refer to appliance supplier or manufacturer to confirm suitability.

ENGINE SPECIFICATIONS (Engines warrantied separately by the engine manufacturer.)

Engine Brand and Warranty	Horsepower (HP) at 3,600 rpm	Type	Weld Speed	Idle Speed	Fuel Capacity	Oil Capacity	Standard Shutdowns
Kohler CH730, 3 year warranty	Petrol: 23.5 hp	Twin-cylinder, four-cycle overhead valve, industrial air-cooled, petrol.	3,600rpm	2,400rpm	41.6L	1.6-1.8L	Low oil pressure

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ArcReach®

Make parameter changes at the wire feeder or accessory without needing a control cord.

ArcReach® system allows you to change weld settings from your ArcReach® feeder or stick/TIG remote, saving a trip to the power supply. ArcReach® technology uses the existing weld cable to communicate welding control information between the feeder or stick/TIG remote and the power source. This technology eliminates the need for control cords, and their associated problems and costs.

REMOTE START/STOP

Take control and eliminate engine noise. Easily turn your Bobcat™ machine on and off remotely so it only runs when you need it. Get more out of each tank, extend time between maintenance and work without the hassle of walking back to your machine.

The remote start/stop on the Bobcat™ 265X engine-driven welder is installed and backed by Miller - so it's just as easy to use and dependable as your Bobcat machine.

SIMPLE
One button: press to start the engine-driven welder; press again to turn it off.

DURABLE
Tough and water-resistant with a 3 year warranty.

TWO-WAY COMMUNICATION
After start or stop command is received by the engine-driven welder the fob lights up and beeps.

EASILY ORDER ADDITIONAL FOBS
Order stock number 286385.

AUTO-SET™ TECHNOLOGY

Auto-Set offers predefined weld settings to increase ease of use and ensure that the job is done right for operators of all skill levels.

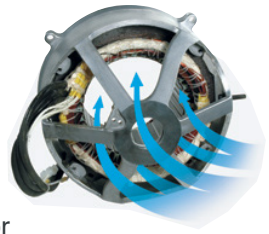
DATA VISIBILITY

Predictive maintenance information helps you plan necessary service time. Productivity screens make it easier for you to monitor machine use.

DESIGNED FOR RELIABILITY

Miller engine-driven welders are the most rugged, durable and long-lasting in the industry. Manufactured to exceed requirements for extreme working conditions, they are hard-working from the core with:

- Copper windings and robust internal components for a quality-built machine.
- Lugged - not soldered - heavy internal leads for better field durability.
- Superior cooling technology for maximum performance and engine life.
- Protective doors to cover the weld studs and receptables as required by OSHA and CSA for jobsite safety.
- Lift hook integrated into the center frame, which bolts to the machine's base for greater durability.



SMALL, LIGHT DESIGN

Bobcat™ engine-driven welders take up less space on trucks and trailers - leaving more room on your truck for other equipment and tools. Plus, they're easier to move around jobsites - even with weld cables attached.

LONG RUNTIMES

Large 41.6 litre fuel capacity means many hours of run time before refuelling. Improved fuel system design reduces a no-start condition if overfilled.

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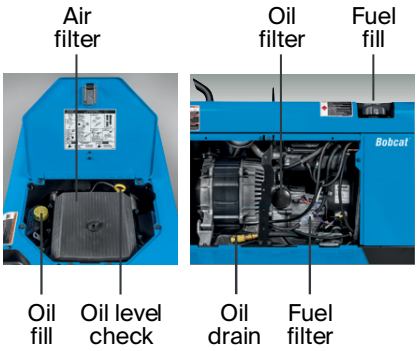
EASY MAINTENANCE

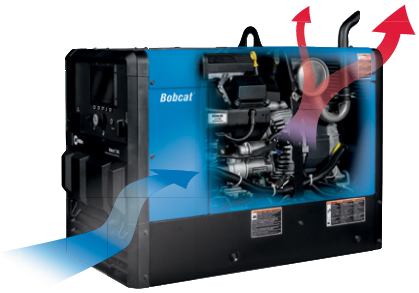
With its intuitive design, the daily maintenance of our Bobcat™ engine-driven welders is fast and easy. Front panel maintenance displays help you know when your equipment needs to be serviced. And servicing is simple because of:

- Oil checks that can be performed easily through the top of the machine by the access door.
- Toolless panels that allow for quick access.
- Single-side fuel fill and oil drain/filter.



REVERSED AIR FLOW FOR OPTIMISED COOLING

Exclusive engine and interior componentry design operates cooler and more efficiently. The engine is rotated towards the front to create more efficient airflow. More efficient airflow and exclusive engine location are significant contributors to reduced sound level and size reduction. Hot air recirculation is eliminated when machine is mounted in tight spots, and internal parts are kept cool for optimal performance.

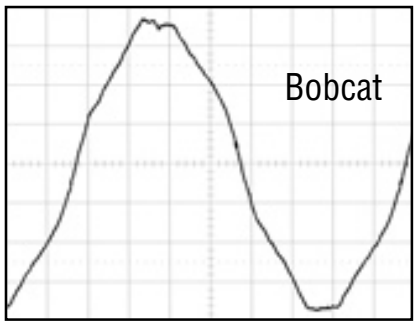


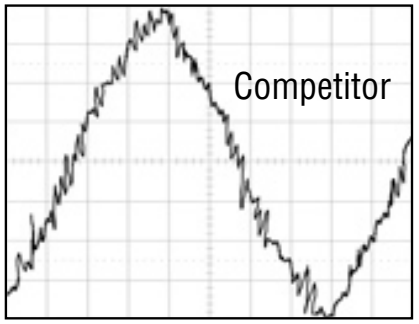
ACCU-RATED - NOT INFLATED AUXILIARY POWER

Our Accu-Rated 11,000 watts of usable peak power is delivered for a minimum of 30 seconds. Accu-Rated means peak power is usable for maximum auxiliary power loads such as plasma cutting, MIG welders and motor starting. Accu-Rated peak power beats the competition's very short-duration peak or surge power. Use your peak power, it's more than a number.

Smooth power - not spike power

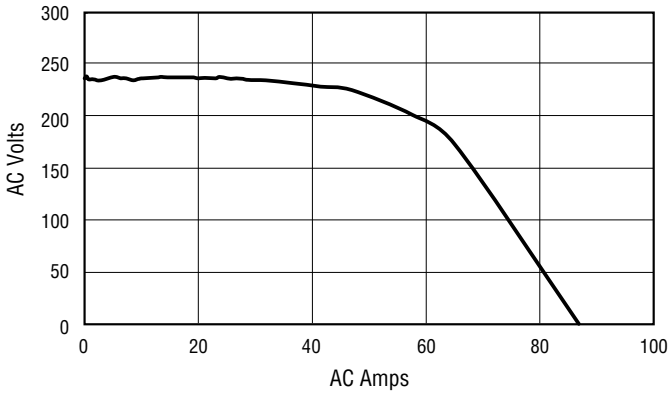
Revolutionary ten-degree skewed-rotor design optimises auxiliary power performance for smoother power - not spiked power found with other brands. Better power - better performance.





WAVEFORM COMPARISON

Auxiliary Power Curve



Tools and motors are designed to operate within 10% of 120/240V. The auxiliary power of the Bobcat™ provides strong power while keeping the voltage within 10% of 120/240V. ***This increases tool/ motor performance and life.***

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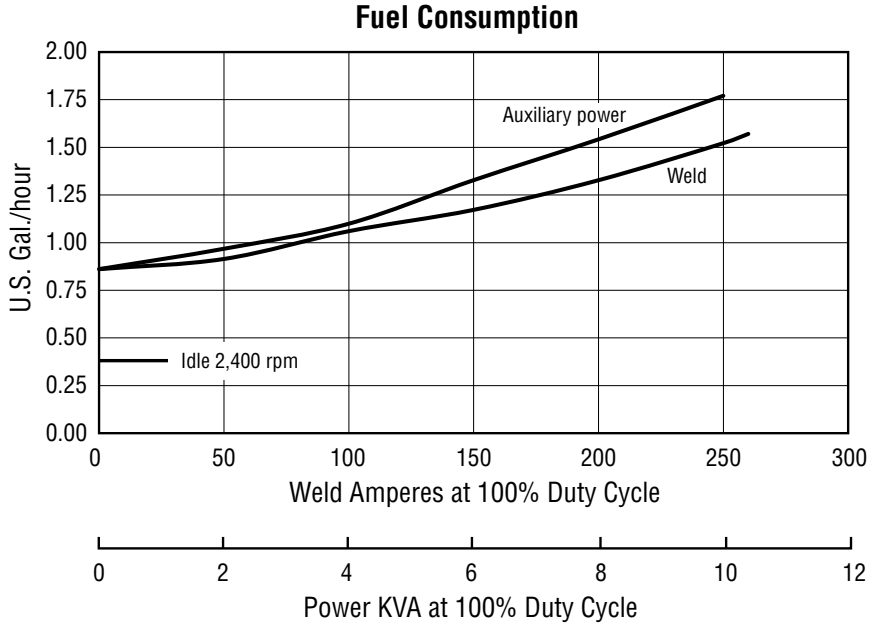
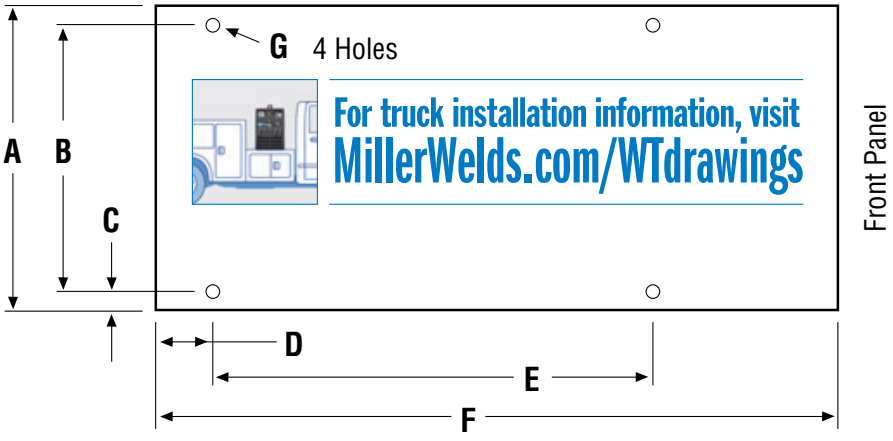
PERFORMANCE DATA



Fuel Consumption Data

- 41.6L fuel capacity
- On a typical job using 3.2mm 7016 electrodes (125A, 20% Duty Cycle) expect about 11.7 hours of operation.
- Under a continuous load of 4,000 watts of auxiliary power, the Bobcat™ 265X would run for about 10 hours of operation.

MOUNTING SPECIFICATIONS



A – 508 mm
B – 419 mm
C – 44.5 mm
D – 81 mm
E – 566 mm
F – 940 mm
G – 10.3 mm diameter

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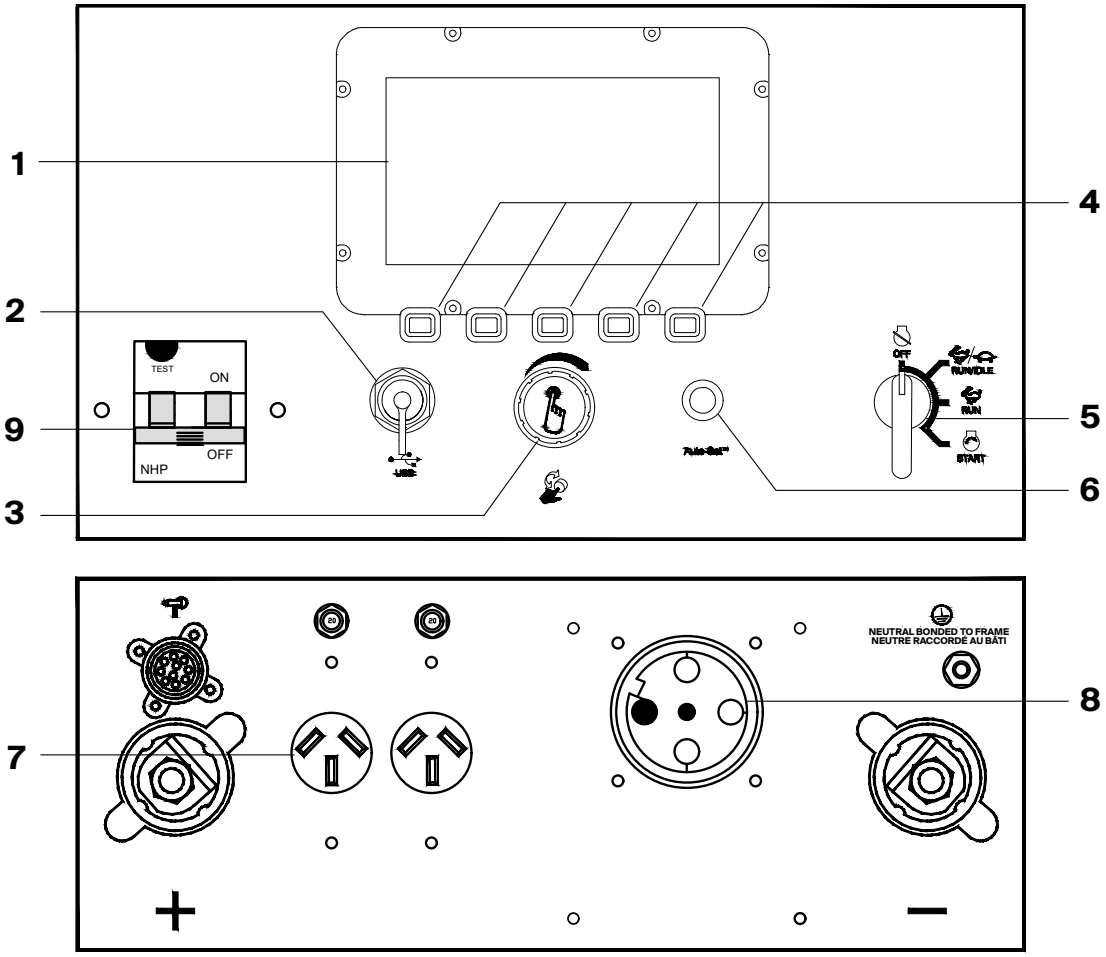
FUNCTION AND BENEFIT GUIDE



1. **Digital Display** provides weld processes and parameters, fuel level, maintenance and machine use information.
2. **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.
3. **Pushbutton Main Control Knob** used for adjusting amperage/voltage and accessing the service menu.
4. **Pushbuttons** used for selection of weld process, menu and other machine features.
5. **Engine Control Switch** is used to start the engine and then select between auto idle and high speed lock positions.
6. **Auto-Set™ Button** provides process-specific pre-defined parameters.
7. **2x 15A 240V Receptacles**
8. **1x 32A 240V Receptacle**
9. **Main Switch and RCD**

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GENUINE MILLER ACCESSORIES

REMOTE START/STOP FOB

Remote Start/Stop Fob
MR286385

For use with Bobcat™ 265X engine-driven welders equipped with remote start/stop. Fob can be easily paired with compatible machines.

REMOTE SOLUTIONS

ArcReach® Stick/TIG Remote
MR301325

When paired with an ArcReach® power source, provides remote control of the power source without a control cord - saving time and money.

MIG FLUX-CORED WELDING

ArcReach® Suitcase 12
MR301456

TIG (GTAW) WELDING

Dynasty 210 Series

For portable AC/DC TIG.

PROTECTIVE COVER

Bobcat™ 265X Protective Cover
MR301712

Heavy-duty, water and mildew resistant covers, protects and maintains the finish of the welder.

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ORDERING INFORMATION

	Part No.
EQUIPMENT	
Bobcat™ 265X with ArcReach®	MR907826005-1
ACCESSORIES	
Remote Start/Stop	MR286385
Arcreach® Stick/TIG Remote	MR301325
Protective Cover	MR301712
MIG FLUX-CORED WELDING	
Arcreach® Suitcase 12 Feeder	MR301456
10m lead kit to suit ArcReach® SuitCase 12 Feeder	AA74-0/10
Bernard 440 Amp MIG gun with fixed medium 45 deg neck. 3m cable, 1.2 tip Miller	BEQ4010AR8EMC
0.9/1.2 mm “V” groove roll kit for solid wires	MR190300
1.2mm knurled drive rollers for flux-cored wire	MR079607
STICK WELDING	
Welding lead 50mm^2 x 10m with electrode holder 400A twist type & J type cable connector in-line 500A	AA73-1/10
TIG WELDING	
Dynasty 210	MR907816003