#### Issued February 2003 • Index No. ED/10.11





# Big Blue<sup>®</sup> 452 and 602

## **Heavy Industrial Applications**

Heavy Construction Structural Steel Maintenance and Repair Rigs Mining Maintenance Process Piping Sheet Metal

### Processes

Stick (SMAW) MIG (GMAW) Flux Cored (FCAW) DC TIG (GTAW) Submerged Arc (SAW) Stud Welding Air Carbon Arc (CAC-A) **452:** 5/16 in (8 mm) Carbons **602:** 3/8 in (9.5 mm) Carbons

#### **Output Range**

**452:** DC Stick 45–500 A **602:** DC Stick 55–600 A

MIG/FCAW 14-40 V MIG/FCAW 14-40 V

## Weld Output Rated at 104°F (40°C)

**452:** 400 A, 40 V, 16 kW, 60% Duty Cycle **602:** 500 A, 40 V, 20 kW, 60% Duty Cycle **602 w/Deutz F3L912:** 500 A, 40 V, 20 kW, 100% Duty Cycle

#### Generator Output Rated at 104°F (40°C)

5,500 Watts Peak — 4,000 Watts Continuous

#### Weight

 452: 1545 lb (701 kg) Perkins
 1655 lb (751 kg) Deutz

 602: 1695 lb (769 kg) Perkins
 1695 lb (769 kg) Deutz

 602 w/Deutz F3L912: 1785 lb (810 kg)

# 

Quick

**Specs** 

# The Power of Blue<sup>®</sup>.

## Designed for fleet owners

that demand the ultimate in reliability and performance.

Three-phase rotating field generator efficiently produces smooth DC weld output using 20–30% less fuel than a rotating armature-type DC generator.

## Enclosed robust case design

protects internal components from impact and allows air flow to cool and prolong the life of the engine. Also reduces sound levels.

#### Quick and easy maintenance with single-side access to oil level check oil fill oil filter fue

level check, oil fill, oil filter, fuel filter and air cleaner.

**Remote toolless oil drain** allows oil to be drained without getting under the engine and reduces the chance of oil spillage.



Big Blue 602 CC shown with RCT-224 trailer.



Welder/generator is warranted by Miller for 3 years, parts and labor. Engine is warranted separately by engine manufacturer.



Miller Electric Mfg. Co. An Illinois Tool Works Company 1635 West Spencer Street Appleton, WI 54914 USA

#### International Headquarters

Phone: 920-735-4505 USA FAX: 920-735-4134 Canadian FAX: 920-735-4169 International FAX: 920-735-4125 Web Site www.MillerWelds.com



#### Heavy duty industrial engine choices

designed, built and proven to operate over 10,000 hours before the first basic overhaul.

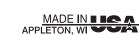
**Arc-Drive** makes welding easy. Automatically enhances Stick welding, especially on pipe, by focusing the arc and preventing the electrode from going out.

Hot Start<sup>™</sup> provides positive Stick electrode starts making it easy to start all types of electrodes and it also works great for bead tie-ins.

Weatherproof Lexan® nameplate resists cracking and fading, and is color-coded for ease of operation.

Standard GFCI receptacle as required on most job sites to protect operators from electrical hazards.

**CSA, CE, IEC and NEMA compliant for welders.** Degree of protection provided by enclosure IP23.



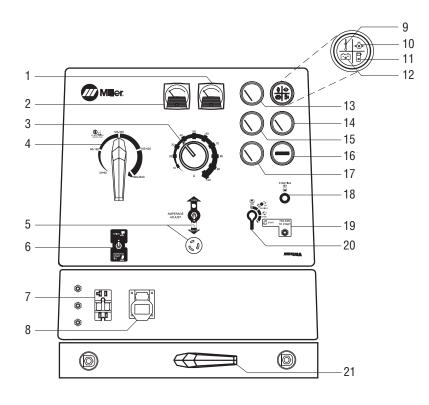
## Big Blue 452/602 CC Specifications (Subject to change without notice.)



Model	Welding Mode	Weld Output Range	Weld Output Rated at 104° F (40° C)	Max. Open- Circuit Voltage	Generator Output Rated at 104° F (40° C)	Dimensions**	<b>Weight</b> Without Fuel***
Big Blue 452 CC	CC/DC	45-500 A	400 A at 40 V (16 kW),* 60% Duty Cycle	95	Peak: 5500 watts Continuous: 4000 watts,	H: 43 in (1092 mm)	<b>Perkins:</b> 1545 lb (701 kg) <b>Deutz:</b> 1655 lb (751 kg)
Big Blue 602 CC		55-600 A	500 A at 40 V (20 kW), 60% Duty Cycle		34/17 A, 120/240 VAC while welding	W: 28-1/2 in (724 mm)	<b>Perkins:</b> 1695 lb (769 kg) <b>Deutz:</b> 1695 lb (769 kg)
			500 A at 40 V (20 kW), 100% Duty Cycle with Deutz F3L912 engine			D: 64-7/16 in (1637 mm)	<b>Deutz F3L912:</b> 1785 lb (810 kg)

\*Exceeds NEMA EW1 (ANSI C87.1) Class (1) output ratings. \*\*Additional 7 in (178 mm) to top of exhaust. \*\*\*Additional 190 lb (86 kg) when fuel tank is full.

## **Big Blue 452/602 CC Control Panel**



## **Additional Features**

**Proven, rugged rheostat control technology** that has been in Miller engine drives for over 60 years. Contains no printed control boards. A **Stick/TIG switch** optimizes open-circuit voltage for Stick welding and allows the opencircuit voltage to be lowered for scratch start TIG welding. Provisions are provided to plug a **RHC3GD34A remote control** that will allow precise adjustment of amperage without walking back to the machine.

- 1. DC Ammeter\*
- 2. DC Voltmeter\*
- 3. Amperage Adjust Control
- 4. Amperage Range Switch
- 5. Amperage Adjust Switch and Remote Amperage Adjust Receptacle
- 6. Stick/TIG Selector Switch
- 7. 120 VAC, 20 A GFCI Duplex Receptacle
- 8. 230 VAC, 16 A Pin and Sleeve Receptacle
- 9. Engine Temperature Light
- 10. Engine Oil Pressure Light
- 11. Fuel Light
- (Perkins 3.1524 engines only)
- 12. Battery Charging Light
- 13. Engine Oil Pressure Gauge\*
- 14. Fuel Gauge
- 15. Engine Coolant Temperature Gauge\*
- 16. Engine Hour Meter
- 17. Battery Voltmeter\*
- 18. Starting Aid Switch
- 19. Magnetic Shutdown Switch
- **20.** Engine Control Switch
- 21. Polarity Switch\*

\*Optional.



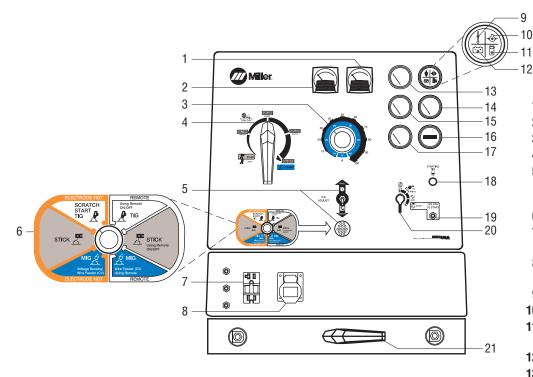
# Big Blue 452/602 CC/CV Specifications (Subject to change without notice.)



Model	Welding Mode	Weld Output Range	Weld Output Rated at 104° F (40° C)	Max. Open- Circuit Voltage	Generator Output Rated at 104° F (40° C)	Dimensions**	<b>Weight</b> Without Fuel***
Big Blue 452 CC/CV	CC/DC CV/DC	20-550 A 14-40 V	400 A at 40 V (16 kW),* 60% Duty Cycle	95	Peak: 5500 watts Continuous: 4000 watts, 34/17 A, 120/240 VAC	H: 43 in (1092 mm) W: 28-1/2 in	<b>Perkins:</b> 1545 lb (701 kg) <b>Deutz:</b> 1655 lb (751 kg)
Big Blue 602 CC/CV		20-600 A 14-40 V	500 A at 40 V (20 kW), 60% Duty Cycle	-	while welding	(724 mm) D: 64-7/16 in (1627 mm)	Perkins: 1695 lb (769 kg) Deutz: 1695 lb (769 kg) Deutz: 21 012:
			500 A at 40 V (20 kW), 100% Duty Cycle with Deutz F3L912 engine			(1637 mm)	<b>Deutz F3L912:</b> 1785 lb (810 kg)

\*Exceeds NEMA EW1 (ANSI C87.1) Class (1) output ratings. \*\*Additional 7 in (178 mm) to top of exhaust. \*\*\*Additional 190 lb (86 kg) when fuel tank is full.

## **Big Blue 452/602 CC/CV Control Panel**



## **Additional Features**

**One MIG welding range** allows precise voltage control for welding with .023 – .120 in (0.6 – 3.2 mm) wires.

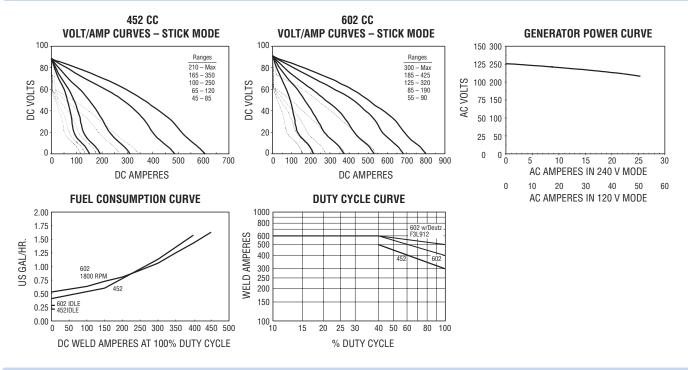
A multi-colored **process selector control** allows quick and easy process changes without having to use multiple switches. **Solid-state control** provides enhanced arc characteristics that include more dig in the Stick mode with smoother and lower amperage in the TIG mode. Extreme conditions will not cause the output to change, eliminating the need to periodically turn the heat up. The rugged solid-state control board is housed in a **sealed vault**. The vault's sealed connections are made through watertight plugs that make this component impenetrable to dust and moisture.

**14-pin remote control** allows precise adjustment of amperage or voltage, along with contactor control, without walking back to the machine.

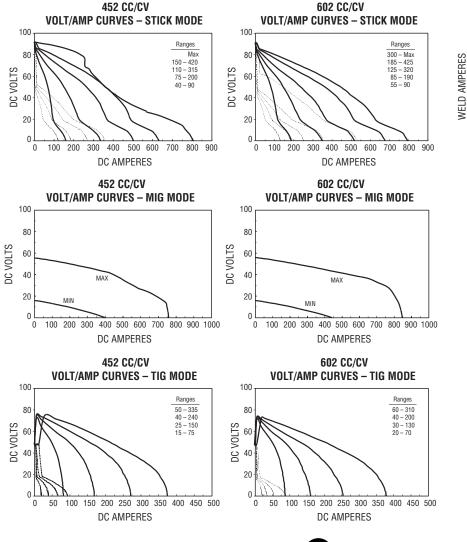
- 1. DC Ammeter\*
- 2. DC Voltmeter\*
- 3. Amperage/Voltage Adjust Control
- 4. Amperage Range Switch
- 5. Amperage/Voltage Adjust Switch and Remote Amperage/Voltage Adjust Receptacle
- 6. Process/Contactor Selector Switch
- 7. 120 VAC, 20 A GFCI Duplex Receptacle
- 8. 230 VAC, 16 A Pin and Sleeve Receptacle
- 9. Engine Temperature Light
- Engine Oil Pressure Light
   Fuel Light
- (Perkins 3.1524 engines only)
- **12.** Battery Charging Light
- 13. Engine Oil Pressure Gauge\*
- 14. Fuel Gauge
- 15. Engine Coolant Temperature Gauge\*
- 16. Engine Hour Meter
- 17. Battery Voltmeter\*
- **18.** Starting Aid Switch
- 19. Magnetic Shutdown Switch
- 20. Engine Control Switch
- 21. Polarity Switch\*

\*Optional.

## **Big Blue 452/602 CC Performance Data**

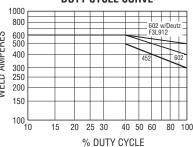


## Big Blue 452/602 CC/CV Performance Data



**Miler** 

**DUTY CYCLE CURVE** 



# Engine Specifications (Subject to change without notice.)

Model	Engine Brand	Features	HP	Туре	Engine Speeds (RPM)	Capacities	Automatic Engine Shutdowns
Big Blue 452	Perkins 104.22	EPA-certified, indirect-injected, liquid-cooled engine with full load <b>sound levels</b> of <b>75 dB</b> @ 7 m (100 Lwa). Right-side service access with service intervals of <b>250 hours</b> for <b>oil</b> and <b>filters</b> .	33	4-cylinder, industrial, liquid- cooled diesel	Weld: 1800	Fuel: 25 gal (95 L) Oil: 9 qt (8.5 L) Coolant: 9 qt (8.5 L)	Oil pressure, coolant temp
	Deutz F3L1011	EPA-certified, direct-injected, air/oil-cooled engine with full load <b>sound levels</b> of <b>76.8 dB</b> @ 7 m (101.7 Lwa). Right-side service access with service intervals of <b>1000 hours</b> for <b>oil</b> and <b>filters</b> . Approved <b>underground</b> operation with the purchase of a <b>MSHA</b> (30 CFR part 7) certificate.	30	3-cylinder, industrial, air/oil-cooled diesel	Weld: 1800	Fuel: 25 gal (95 L) Oil: 6.2 qt (5.9 L) Coolant: Integrated oil and water	Oil pressure, oil temperature
Big Blue 602	Perkins 3.1524	Direct-injected, liquid-cooled engine with full load <b>sound</b> <b>levels</b> of <b>80 dB</b> @ 7 m (105 Lwa). Left-side service access with service intervals of <b>400 hours</b> for <b>oil</b> and <b>filters</b> .	45	3-cylinder, industrial, liquid- cooled diesel	Weld: 1800	Fuel: 25 gal (95 L) Oil: 6.5 qt (6.2 L) Coolant: 9 qt (8.5 L)	Oil pressure, coolant temp, low fuel
	Deutz F4L1011	EPA-certified, direct-injected, air/oil-cooled engine with full load <b>sound levels</b> of <b>76 dB</b> @ 7 m (101 Lwa). Right-side service access with service intervals of <b>1000 hours</b> for <b>oil</b> and <b>filters</b> . Approved <b>underground</b> operation with the purchase of a <b>MSHA</b> (30 CFR part 7) certificate.	44	4-cylinder, industrial, air/oil-cooled diesel	Weld: 1800	Fuel: 25 gal (95 L) Oil: 9 qt (8.5 L) Coolant: Integrated oil and water	Oil pressure, oil temperature
	Deutz F3L912	The legendary EPA-certified, direct-injected, air-cooled engine with full load <b>sound levels</b> of <b>81 dB</b> @ 7 m (106 Lwa). Right-side service access with service intervals of <b>500 hours</b> for <b>oil</b> and <b>filters</b> .	42	3-cylinder, industrial, air-cooled diesel	Weld: 1800	Fuel: 25 gal (95 L) Oil: 9 qt (8.5 L) Coolant: Air	Oil pressure, oil temperature

# **Genuine Miller Options**

### Engine Gauge Kit

**#194 741** Field Perkins 104.22

**#043 934** Field Deutz F3L1011 / F4L1011 Perkins 3.1524 engines.

**#194 700** Field Deutz F3L912

Monitors critical engine operating parameters. Consists of individual battery voltmeter, coolant temperature and oil pressure gauges. *Installation time: 35 minutes* 

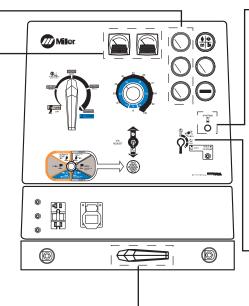
Installation time: 35 minutes

## Weld Ammeter and Voltmeter Kit -#043 941 Field

Panel-mounted analog meters monitor welding output. Installation time: 35 minutes

### Polarity Reversing Switch Kit – #043 942 Field

Changes DC polarity without the use of tools. *Installation time: 35 minutes* 



## - Cold Weather Starting Aid Kit

Note: Perkins 3.1524 models come standard with thermostart. Installation time: 35 minutes. Perkins 104.22 models come standard with glow plugs.

## #195 056 Field

Perkins 104.22. 120 volt block heater.

**#043 959** Field Deutz F3L1011 / F4L1011. 12 volt intake

manifold heater. **#195 983** Field

Perkins 3.1524. 120 volt block heater.

## #196 015 Field

Deutz F3L912. 12 volt ether start system. Ether tank is not provided.

## Automatic Idle Kit

**#043 938** Field Perkins 104.22

**#043 937** Field Deutz F3L1011/ F4L1011

**#043 935** Field Perkins 3.1524

Saves fuel and prolongs engine life along with reducing noise. *Note: Not available for Deutz F3L912 engine.* 



## **Genuine Miller Accessories**

## Remote Controls (CC model only)



#### RHC-3GD34A Remote Hand Control #041 122 Allows for precise adjustment of amperage. Includes 20 ft (6 m) cord.

## **Remote Controls (CC/CV models)**



**RHC-14 Hand Control #129 340** Miniature hand control for remote current and contactor control. Dimensions:  $4 \times 4 \times$ 3-1/4 in (102 x 102 x 82 mm). Includes 20 ft (6 m) cord and 14-pin plug.



# RCCS-14 Remote Contactor and Current Control #043 688

Up-and-down rotary-motion fingertip control fastens to TIG torch using two Velcro<sup>®</sup> straps. Includes 28 ft (8.5 m) control cord.



## RMLS-14 #129 337

Fingertip momentary- and maintainedcontact rocker switch for contactor control. Push forward for maintained contact and back for momentary contact. Includes 20 ft (6 m) cord and 14-pin plug.

## **Extension Cords for 14-Pin Remote Controls**

**#122 973** 25 ft (7.6 m) **#122 974** 50 ft (15.2 m) **#122 975** 75 ft (22.9 m)

## TIG (GTAW) Welding



**#042 388** HF-251D-1, 115 VAC **#042 387** HF-251D-2, 230 VAC High-frequency arc

**HF-251 Series** 

starter and stabilizer. See Accessory Lit. Index No. AY/5.0.

## MIG (GMAW)/Flux Cored (FCAW) Welding



SuitCase<sup>™</sup> 8VS #194 890 SuitCase<sup>™</sup> 12VS #194 941 Lightweight, portable wire feeder for a

variety of wires up to .062 in (8VS) or 5/64 in (12VS). Holds up to an 8 in (8VS) or 12 in (12VS) spool of wire. Includes secondary contactor and gas valve. Requires drive roll kit. See Lit. Index No. M/6.4.

## Stick (SMAW) Welding



No. 2/0 Stick Welding Accessory Kits #173 851

50 ft (15 m) No. 2/0 electrode cable with electrode holder and 50 ft (15 m) No. 2/0 work cable with work clamp. 350 A at 100% duty cycle.

## #043 952

100 ft (30.5 m) No. 2/0 electrode cable with electrode holder and 50 ft (15 m) No. 2/0 work cable with work clamp. 300 A at 100% duty cycle.



## Lockable Fuel Cap Flame Arrestor Kit Green

**#043 947** Field Fuel cap can be padlocked to prevent vandalism. A built-in flame arrestor prevents flames or sparks from entering the fuel tank.

## Spark Arrestor Muffler Kit

**#041 928** Field Prevents particles from leaving the muffler that could potentially start a fire. Mandatory when operating on California grasslands,

brush, or forest-covered land, and in all National Forests. For other areas, check your state and local laws. Meets US Forest Service standard 5100-1B.



Vandalism Lockout Kit #195 118 Field Lockable hinged steel panels cover and protect name plate gauges and ignition switch (padlock

included). Also includes engine compartment door lock and key.



## Cable Holder #043 946

Saddle-bag-style cable holder. Convenient wrap-around storage of coiled cable for transportation. Stores 100 ft of 2/0 cable on each side.

Note: For best results do not weld when cable is coiled! Canvas cover cannot be used with cable holder.



## Genuine Miller Accessories (Continued)



Roll Cage/Drip Pan #194 918 Field Heavy-duty galvanized steel structure designed to protect the machine. The roll cage meets

offshore oil platform requirements with a drip pan and drain plug along with a heavy-duty lift eye.

## Trailers and Hitches (For both models.)



RCT-224 Trailer #194 875 A highway trailer specifically designed for the rental/construction site. A heavy-duty

torsion axle with a low center of gravity provides a rugged yet smooth ride. The RCT-224 comes with jack stand, 2-1/2 in lunette eye, fenders, lights and safety chains.

#### Ball Hitch 2 in (50 mm) #189 585

For use with the RCT-224 trailer.



#### 4 West Four-Wheel Steerable Off-Road Trailer #042 801

A heavy-duty 2570 lb (1166 kg) capacity trailer designed for use in mines, quarries, and other rough terrain. Has narrow 22 ft (6.7 m) turning radius. Includes 3 in lunette eye, universal hitch and safety chains. *Note: Trailers are shipped unassembled.* 



and protects the finish of your welder.

Note: Canvas cover cannot be used with cable holder.

**Canvas Cover** 

#194 683 Field

(Blue)

Attractive.

waterproof

canvas cover

resists stains

and mildew,

HWY-224 Trailer #043 805

A 2650 lb (1202 kg) capacity highway trailer. Welded steel tubing frame, heavyduty axle with roller bearing hubs and leaf-spring suspension. The HWY-224 comes with jack stand, 2 in (50 mm) ball hitch, fenders and lights.

## OFR-224 Trailer #043 802

A 2650 lb (1202 kg) capacity off road trailer. Welded steel tubing frame, heavy-duty axle with roller bearing hubs and leaf spring suspension. The OFR-224 comes with jack stand and 2 in (50 mm) ball hitch.

Lunette Eye 2-1/2 in (64 mm) #043 824 For use with both 224 trailers.

#### Cable Tree #043 826

Provides an area to conveniently wrap weld cables and extension cords. Works on all 224 and 430 trailers.



HWY-430 Tandem Axle Trailer #043 806 Smooth riding with 3750 lb (1701 kg) capacity. Includes: adjustable hitch for level operation, a hand operated parking brake, a self-actuating hydraulic brake system and a break-away device to lock brakes if the trailer comes loose. It also includes jack stand, fenders and lights. (Hitch must be ordered separately.)

**Ball Hitch 2 in (50 mm) #043 864** For use with the 430 trailer.

Lunette Eye 3 in (76 mm) #043 863 For use with the 430 trailer.

## **Trailer Specifications** (Subject to change without notice.)

Model	Gross Axle Weight Rating	Gross Vehicle Weight Rating	Net Payload	Height of Bed	Road Clearance	Track (Center to center of tires)	Standard Tires (Standard rating or P-size rating)	Dimensions	Net Weight
RCT-224	2700 lb (1225 kg)	2500 lb (1134 kg)	2250 lb (1021 kg)	10-1/2 in (267 mm)	6-1/2 in (165 mm)	49-1/2 in (1257 mm)	B78-13C	Length: 98 in (2489 mm) Width: 59 in (1499 mm)	285 lb (129 kg)
4 West	2000 lb/axle (907 kg/axle)	3000 lb (1361 kg)	2570 lb (1166 kg)	21-1/4 in (540 mm)	8 in (203 mm)	55-1/4 in (1403 mm)	B78-13	Length: 91 in (2311 mm)** Width: 61-1/4 in (1556 mm)	430 lb (1950 kg)
HWY-224 OFR-224	3500 lb (1588 kg)	2960 lb (1343 kg)	2650 lb (1202 kg)	18-1/2 in (470 mm)	7-1/2 in (191 mm)	52 in (1321 mm)	B78-13B	Length: 122-1/2 in (3112 mm) Width: HWY– 61 in (1549 mm)* OFR–58-1/2 in (1486 mm)	355 lb (161 kg)
HWY-430	2200 lb/axle (998 kg/axle)	4280 lb (1941 kg)	3750 lb (1701 kg)	19-1/4 in (489 mm)	8-1/2 in (216 mm)	52 in (1321 mm)	B78-13B	Length: 156-1/2 in (3975 mm) Width: 61 in (1549 mm)*	530 lb (240 kg)

\* Width at outside of fenders. \*\* Does not include tongue.



# **Ordering Information**

Equipment and Factory Options	Stock No.	Description	Qty.	Price
Big Blue® 452 CC	<b>#903 889</b> <b>#903 887 (</b> CE Model)	Deutz F3L1011, Dry Battery Perkins 104.22, Dry Battery		
Big Blue® 452 CC/CV	#903 890 #903 888 (CE Model)	Deutz F3L1011, Dry Battery Perkins 104.22, Dry Battery		
Big Blue® 602 CC	#903 723	Deutz F4L1011, Dry Battery		
	#903 719	Perkins 3.1524, Dry Battery		
	#903 721 #907 007 (CE Model)	Deutz F3L912, Dry Battery Deutz F4L1011, Dry Battery, 98 Lwa		
Big Blue® 602 CC/CV	#903 724	Deutz F4L1011, Dry Battery	_	
	#903 720	Perkins 3.1524, Dry Battery		
	#903 722	Deutz F3L912, Dry Battery		
	#907 008 (CE Model)	Deutz F4L1011, Dry Battery, 98 Lwa		
Field Kit Accessories				
Engine Gauge Kit	#043 934	Perkins 3.1524, Deutz F3L1011 and F4L1011,		
	#194 741	oil temperature, oil pressure and battery gauges Perkins 104.22, oil temperature, oil pressure and battery gauges		
	#194 700	Deutz F3L912, oil temperature, oil pressure and battery gauges		
Weld Ammeter and Voltmeter	#043 941	For all models, analog welding meters		
Polarity Reversing Switch	#043 942	For all models, DC polarity switch		
Cold Weather Starting Aids	#195 056	Perkins 104.22, 120 volt block heater		
-	#043 959	Deutz F3L1011 and F4L1011, 12 volt intake manifold heater		
	#195 983	Perkins 3.1524, 120 volt block heater		
Automatic Idle Kit	#196 015 #043 938	Deutz F3L912, ether start system Perkins 104.22, automatic idler		
Automatic fule Kit	#043 937	Deutz F3L1011 and F4L1011, automatic idler		
	#043 935	Perkins 3.1524, automatic idler		
Lockable Fuel Cap Flame Arrestor	#043 947	For all models, padlock not included		
Spark Arrestor Muffler	#041 928	For all models, vertically externally mounted		
/andalism Lockout Kit	#195 118	For all models, lockable front control panel and engine compartment		
Cable Holder	#043 946	For all models, stores up to 200 ft of 2/0 weld cable		
Roll Cage/Drip Pan	#194 918	For all models, meets offshore oil platform requirements		
Protective Cover	#194 683	For all models, will not work with cable holder accessory		
Remote Controls				
RHC-3GD34A	#041 122	CC models only, hand control		
RHC-14	#129 340	CC/CV models only, amperage or voltage control		
RCCS-14	#043 688	CC/CV models only, fingertip control		
RMLS-14	#129 337	CC/CV models only, momentary and maintained contact switch		
Remote Control Extension Cords		See page 6		
FIG Accessories				
High Frequency Arc Starters	#042 388	HF-251D-1, 115 VAC. See Lit. Index No. AY/5.0		
	#042 387	HF-251D-2, 230 VAC. See Lit. Index No. AY/5.0		
MIG/Flux Cored Accessories				
SuitCase™ 8VS/12VS	#194 890/#194 941	See Lit. Index No. M/6.4		
Stick Accessories				
Accessory Kits	#173 851	2/0, 350 A, 100% duty cycle, 50 ft stinger, 50 ft work clamp		
-	#043 952	2/0, 300 A, 100% duty cycle, 100 ft stinger, 50 ft work clamp		
Trailers and Hitches				
RCT-224 Trailer	#194 875	Trailer with lights, fenders and 2-1/2 in lunette eye		
Ball Hitch, 2 in	#189 585	Replaces the 2-1/2 in lunette eye on the RCT-224		
HWY-224 Trailer	#043 805	Trailer with lights, fenders and 2 in ball hitch		
DFR-224 Trailer	#043 802	Trailer with 2 in ball hitch		
_unette Eye, 2-1/2 in	#043 824	Replaces the 2 in ball hitch on the HWY-224 or OFR-224		
Cable Tree	#043 826	Trailer mounted cable holder for HWY-224, OFR-224 or HWY-430		
HWY-430 Trailer	#043 806	Hitch required		
Ball Hitch, 2 in	#043 864	For HWY-430 only		
Lunette Eye, 3 in	#043 863	For HWY-430 only		
4-West Trailer	#042 801	4-wheel steerable implement trailer		



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