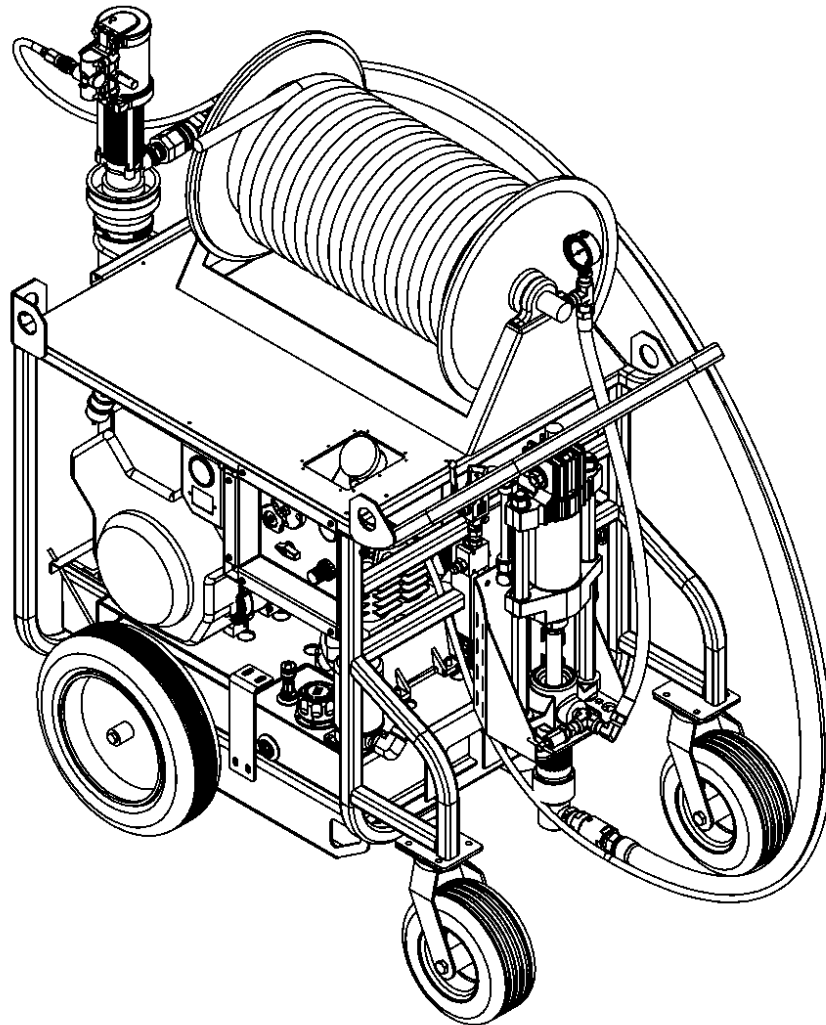


MAXFORCE GH4030 AC Spray System

MAXFORCE

Gas powered spray system with integrated air compressor

Operation & Parts



M10449-00-A

2845 W Service Rd Eagan, MN 55121

Table of Contents

Safety..... 3

Component Identification..... 5

Setup..... 6

General setup

Flushing Procedure

Operation..... 8

Pressure relief procedure..... 8

Starting the sprayer..... 8

Priming the coating pump..... 8

Adjusting pressure..... 9

Hose reel operations..... 9

Cleaning a clogged tip..... 9

Maintenance..... 10

Troubleshooting..... 11

Parts..... 13

Hydraulic Tank / Engine / Compressor..... 13

Hydraulic Pump / Belt Drive / Cooler..... 14

Air Tank / Control Panel..... 15

Fuel Tank / Wheels..... 16

Feed Pump / Coating Pump..... 17

Technical Data..... 18

Sprayer Dimensions..... 19

Warranty..... 20

**For parts, service, and technical assistance,
contact your equipment distributor:**

Safety

General Safety Information

READ THE MANUAL

- Ensure any operator of this equipment has read and understands the manual before operating.
- Do not attempt to repair or modify this equipment

EQUIPMENT MISUSE HAZARD

- Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.
- This equipment is for professional use only.
- Read all instruction manuals, tags, and labels before operating the equipment.
- Use the equipment only for its intended purpose. If you are not sure, call your distributor.
- Do not alter or modify this equipment. Use only genuine OEM parts.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations
- Do not exceed the maximum working pressure of the lowest rated system component. Refer to Technical Data.
- Use fluids and solvents which are compatible with the equipment wetted parts.
- Do not use hoses to pull equipment.
- Route hoses away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not expose hoses to temperatures above 180 degrees F or below -20 degrees F.
- Do not lift pressurized equipment.
- Do not use 1, 1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in pressurized aluminum equipment. Such use could result in a chemical reaction, with the possibility of explosion.

FUEL HAZARD

- The fuel used in this unit is combustible and when spilled on a hot surface can ignite and cause a fire.
- Do not fill the fuel tank while the engine is running or hot.

EXHAUST HAZARD

- The exhaust contains poisonous carbon dioxide which is colorless and odorless.
- Do not operate this equipment in a closed building.

NOISE HAZARD

- Wear hearing protection when operating this equipment.

Equipment Hazards & Warnings

DANGER

FLUID INJECTION HAZARD

Spray from the gun, leaks or ruptured components can inject fluid into your body and cause extremely serious injury, including the need for amputation. Fluid splashed in the eyes or on the skin can also cause serious injury.

- Fluid injected into the skin may look like just a cut, but it is a serious injury. **Get immediate medical attention.**
- Do not point the gun at anyone or at any part of the body.
- Do not put your hand or fingers over the spray tip.
- Do not stop or deflect leaks with your hand, body, glove or rag.
- Do not "blow back" fluid; this is not an air spray system.
- Always have the tip guard and the trigger guard on the gun when spraying.
- Check the gun diffuser operation weekly. Refer to the gun manual.
- Be sure the gun trigger safely operates before spraying.
- Lock the gun trigger safety when you stop spraying.
- Follow the Pressure Relief Procedure if the spray tip clogs and before cleaning, checking, or servicing the equipment.

Equipment Hazards & Warnings—Cont.

DANGER

FLUID INJECTION HAZARD—Continued

- Tighten all fluid connections before operating the equipment.
- Check the hoses, tubes, and couplings daily. Replace worn or damaged parts immediately. Do not repair high pressure couplings; you must replace the entire hose
- Fluid hoses must have spring guards on both ends, to help protect them from rupture caused by kinks or bends near the couplings.

TOXIC FLUID HAZARD

- Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, or swallowed.
- Know the specific hazards of the fluid you are using.
- Store hazardous fluid in an approved container. Dispose of hazardous fluid according to all local, state and national guidelines.
- Always wear protective eyewear, gloves, clothing and respirator as recommended by the fluid and solvent manufacturer. Check the hoses, tubes, and couplings daily. Replace worn or damaged parts immediately. Do not repair high pressure couplings; you must replace the entire hose
- Check the hoses tubes, and couplings, daily. Replace worn or damaged parts immediately. Do not repair high pressure couplings; you must replace the entire hose.
- Fluid hoses must have spring guards on both ends, to help protect them from rupture caused by kinks or bends near the couplings.

FIRE AND EXPLOSION HAZARD

Improper grounding, poor ventilation, open flames or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.

- If there is any static sparking or you feel an electric shock while using this equipment, **stop spraying immediately**. Do not use the equipment until you identify and correct the problem.
- Provide fresh air ventilation to avoid the buildup of flammable fumes from solvents or fluid being sprayed.
- Keep the spray area free of debris, including solvent, rags and gasoline.

DANGER

FIRE AND EXPLOSION HAZARD

- Disconnect all electric equipment in the spray area.
- Extinguish all open flames or pilot lights in the spray area.
- Do not smoke in the spray area.
- Do not turn on or off any light switch in the spray area while operating or if fumes are present.
- Do not operate a gasoline engine in the spray area.
- Ground the sprayer to a true earth ground with the ground wire and clamp (supplied).
- Use only electrically conductive hoses.

MOVING PARTS HAZARD

- Moving parts can pinch or amputate your fingers.
- Keep clear of all moving parts when starting or operating the sprayer.
- Before servicing the equipment, follow the Pressure Relief Procedure to prevent the equipment from starting unexpectedly.

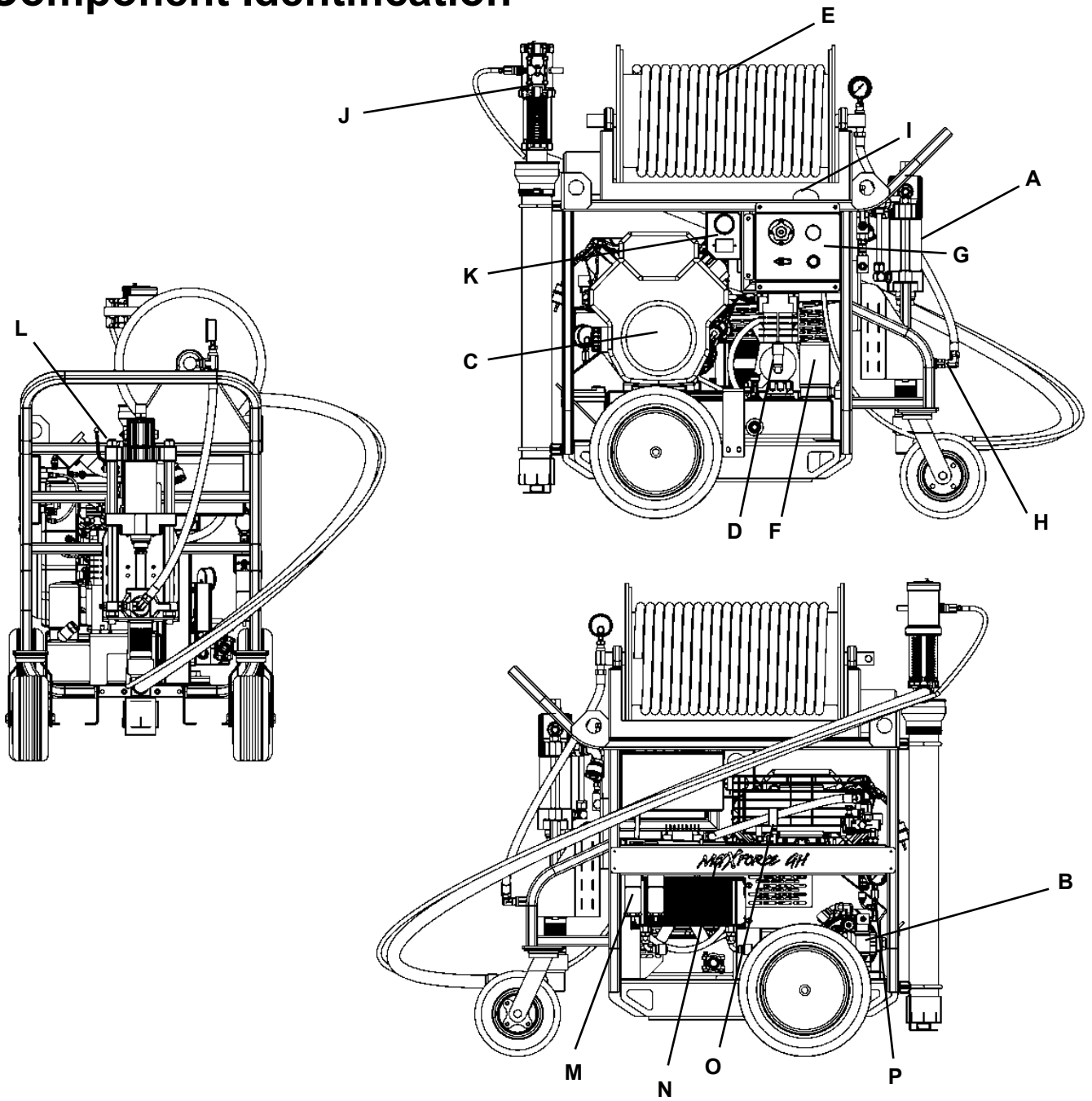
WARNING

- Read the operators manual before starting this unit. Failure to adhere to instructions can result in severe personal injury.
- Drive belts in rotation. Switch off engine and disconnect battery before attempting to work or perform maintenance on the equipment.
- Hoses under pressure. Relieve system pressure before disconnecting or replacing air and oil hoses.

CAUTION

- To avoid electrical shock, disconnect battery prior to electrical system service

Component Identification



- A Coating pump
- B Hydraulic Pump
- C Kohler Engine
- D Air Compressor
- E Powered Hose Reel
- F Hydraulic Oil Filter
- G Control Panel
- H Coating Prime Valve

- I Gasoline Fuel Fill
- J Coating Transfer Pump
- K Engine Temp and Hour Meter
- L Coating Pump ON/OFF Valve
- M Oil Coalescing Filter / Water Separator
- N Air Tank Drain
- O Air Pressure Gauge
- P Hydraulic Pressure Gauge

Setup

1. Remove packaging and remove pump from pallet.
2. Fill coating pump wet cup with throat seal liquid (Fig 1.)

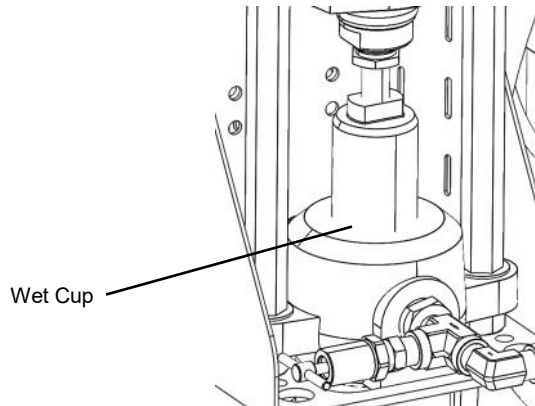


Figure 1

3. Check hydraulic oil level by removing the oil fill cap and inspecting inside the tank. The oil level should be within 1 in of the tank opening. Add oil as needed to fill to proper level.
4. Check engine oil level. Remove dipstick. Be sure oil is up to the full mark on the dipstick. If oil is needed, add oil to full mark on the dipstick.
5. Fill the fuel tank with clean, fresh unleaded regular grade gasoline.
6. Flush the sprayer to remove the oil which was left in the pump after factory testing. See Flushing procedure.
7. When transporting pump, be sure to prevent pump from rolling. Immobilize pump using wheel chocks and tie-downs.

NOTICE

When to Flush the Coatings Pump

- Your new sprayer was factory tested with lightweight oil which was left in the pump to protect from corrosion. Flush the oil from the pump prior to spraying a coating. Before using oil-based coatings, flush with mineral spirits.
- When preparing for storage, flush with manufactures recommended solvent, then mineral spirits. Leave mineral spirits in the pump, hose, and gun.

Flushing Procedure

WARNING

INJECTION HAZARD

To reduce the risk of a fluid injection injury **NEVER** hold your hand, body or a rag in front of the spray tip. **NEVER** point gun toward body.

1. Engage the gun safety latch. Remove the spray tip from the gun.
2. Pour enough recommended flushing agent (refer to material manufacturers recommendations) into a large, grounded metal pail. You will need approximately 10 to 15 gallons.
3. Place the transfer pump into the pail.
4. Turn the Pump Spray Pressure control knob counterclockwise until all spring tension is relieved. The sprayer is now set at the lowest pressure setting.
5. Open the choke by moving the choke lever. See Fig 4.

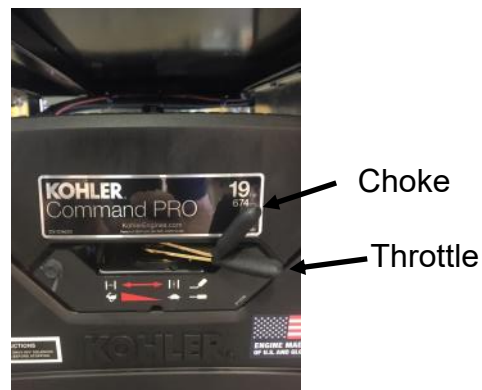
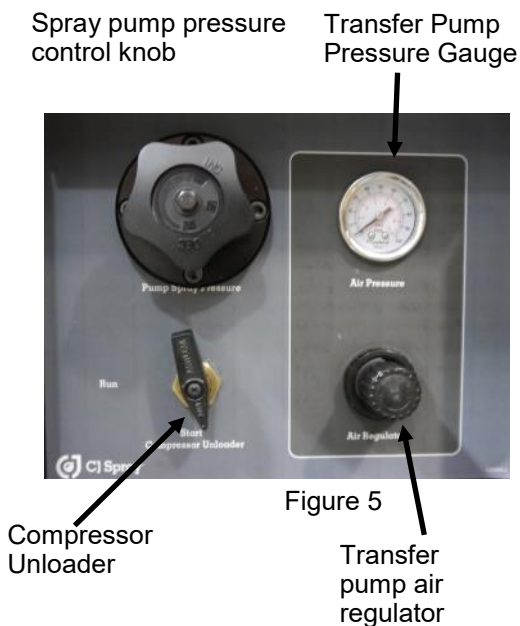
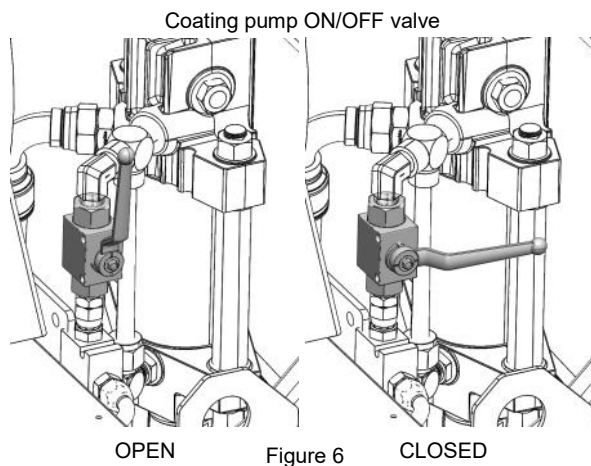


Figure 4

6. Turn the Compressor Unloader knob to Start. See Fig 5.
7. Set Throttle to Half—After Engine Starts Move to full throttle after engine starts

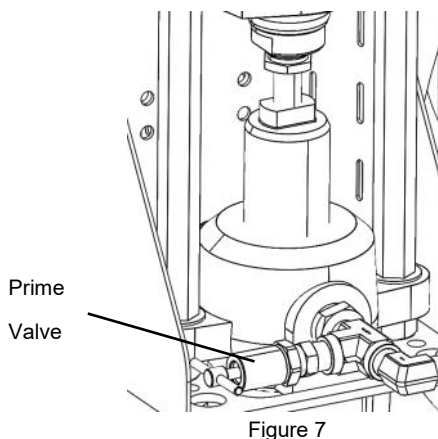


8. Turn Ignition Key until engine starts
9. Close the choke after the engine is warm.
10. Open the spray pump hydraulic ball valve. See Fig 6.



11. Turn the Transfer Pump Air Regulator clockwise until the Air Pressure gauge reads 60 psi. See Fig 5.
12. Place bucket under Prime Valve (fig 7)

13. Open prime valve (fig 7) and wait for fluid to begin steadily coming from valve. Once fluid has begun steadily leaving valve, close the valve.



14. Point the gun into the grounded metal pail and hold a metal part of the gun firmly against the pail.
15. Making firm metal-to-metal contact, hold the gun firmly to the side of the grounded waste pail. Trigger the gun. At the same time, slowly turn the Pump Spray Pressure control knob clockwise just enough to start the pump.
16. Circulate until both systems are fully flushed.
17. Release the trigger and engage the gun safety latch.

WARNING

INJECTION HAZARD

The system pressure must be manually relieved to prevent the system from starting or spraying accidentally. Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the Pressure Relief Procedure whenever you:

- Are instructed to relieve the pressure
- Stop spraying
- Check or service any of the system equipment
- Install or clean the spray tip

FIRE AND EXPLOSION HAZARD

To reduce the risk of static sparking and splashing when flushing, always remove the spray tip from the gun and hold a metal part of the gun firmly to the side of a grounded metal pail.

Operation

WARNING

INJECTION HAZARD

To reduce the risk of a fluid injection injury **NEVER** hold your hand, body or a rag in front of the spray tip. **NEVER** point gun toward body.

Pressure Relief Procedure

1. Engage the gun safety latch.
2. Close spray pump hydraulic ball valve
3. Turn the Pump Spray Pressure knob counterclockwise until there is no more tension (Fig 5.)
4. Turn the Transfer Pump Air Regulator counterclockwise until the pressure gauge reads 0 (Fig 5.)
5. Turn the gas engine off .
6. Disengage the gun safety latch. Hold a metal part of the gun firmly to the side of a grounded metal pail, and trigger the gun until all pressure is relieved.
7. Engage the gun safety latch.

Prepare the Fluid

1. Place the transfer pump in first drum of coating to be sprayed. Turn the transfer pump air regulator until the air motor begins to engage. See Fig 8

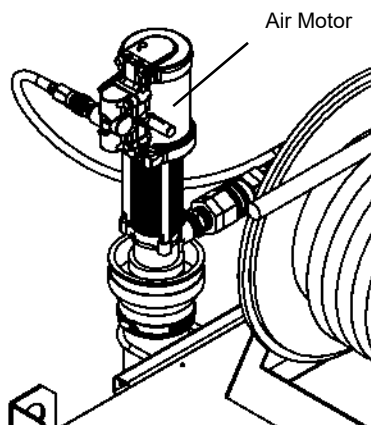


Figure 8

Starting the Sprayer

1. Be sure the gun safety latch is engaged.
2. Turn the Pump Spray Pressure knob counterclockwise until all tension is relieved. See Fig 5. You will be able to feel it. The sprayer is now set at the lowest pressure setting.
3. Turn the gas engine ON/OFF switch to ON. See Fig 3.
4. Open the choke by moving the choke lever. See Fig 4.
5. Open the gas throttle. See Fig 4.
6. Turn the Compressor Unloader knob to Start. See Fig 5.
7. Use the key-switch to start the engine.
8. Close the choke after the engine is warm.

Prime the Coating Pump

1. Be sure the gun safety latch is engaged.
2. Don't install the spray tip yet.
3. Prepare fluid using the above procedure.
4. Start the sprayer using the above procedure.
5. Disengage the gun safety latch.
6. Turn Compressor Unloader switch to Run. See Fig 5.
7. Turn the Transfer Pump Air Regulator clockwise until the Air Pressure gauge reads the 60 PSI See Fig 5.
8. Place bucket under Prime Valve (fig 6a)
9. Open the spray pump hydraulic ball valve. See Fig 6.
10. Turn Pump Spray pressure knob slowly until main pump begins to engage up and down. See Fig 5
11. Open prime valve (fig 6a) and wait for fluid to begin steadily coming from valve. Once fluid has begun steadily leaving valve, close the valve
12. Point the gun into a grounded metal pail and hold a metal part of the gun firmly against the pail.

13. Squeeze the trigger and slowly turn the pressure control knob clockwise just enough to start the pump.
14. Operate the pump until all air is purged from the pump and hoses and the fluid is flowing freely from the gun.

WARNING

INJECTION HAZARD

To reduce the risk of a fluid injection injury **NEVER** hold your hand, body or a rag in front of the spray tip.

NEVER point gun toward body.

15. Release the trigger and engage the safety latch.
16. Install the spray tip in the gun.

Adjusting Pressure

1. Turn the Pump Spray Pressure knob (Fig 5.) clockwise to increase pressure and counterclockwise to decrease pressure. The coating pressure gauge displays spray pressure (Fig 9.)
2. Always use the lowest pressure necessary to completely atomize fluid.

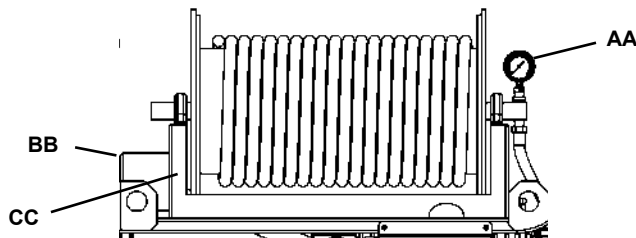


Figure 9

AA	Coating Pressure
BB	Hose Reel Motor
CC	Hose Reel Pushbutton

Adjusting the pressure for spraying

It is best to spray at the lowest pressure that completely atomizes the coating. The pressure control should be set at a low-pressure setting and slowly increased until the paint is completely atomized. If the spray pattern has *fingers* or *tails*, then the pressure should be increased.

Hose Reel Operations

1. Hold down push button to activate hose reel rewind only. Make sure to deplete pressure from hose before rewinding.

Cleaning a Clogged Tip

1. To clear the coating tip, rotate the tip 180 degrees. Pull trigger and spray product into waste bucket. Rotate tip 180 degrees into original position

WARNING

INJECTION HAZARD

To reduce the risk of a fluid injection injury **NEVER** hold your hand, body or a rag in front of the spray tip.

NEVER point gun toward body.

Maintenance

- Always stop the pump at the bottom of its stroke when taking a break and at the end of the day. This helps keep fluid from drying on the rod and damaging the packings.
- Keep the coatings pump wet cup filled with TSL at all times.
- Check hydraulic oil level regularly. Refer to maintenance schedule table for service intervals. If low, fill reservoir with clean hydraulic oil.
- Check engine oil level regularly. Refer to maintenance schedule table for service intervals. The oil must be up to the FULL mark on the dipstick.
- Drain excess moisture from the air tank daily.
- Inspect the return hydraulic line filter regularly for clogging. Refer to maintenance schedule table for service intervals.
- Refer to the Kohler engine manual included with the pump for additional engine maintenance and service items.

Changing the Hydraulic Oil

1. Follow the Pressure Relief Procedures.
2. Place a waste container under the drain plug of the hydraulic reservoir.
3. Unscrew the plug and drain the reservoir. Reinstall the plug before proceeding (Fig 14.)

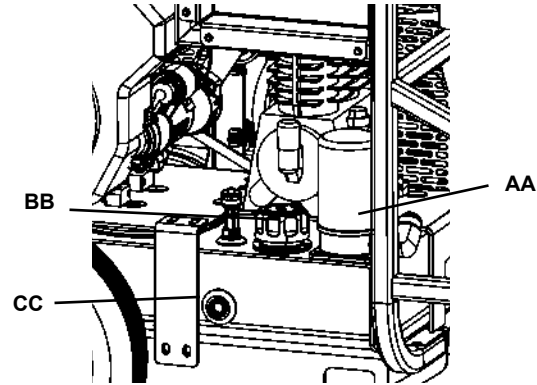


Figure 14

AA	Hydraulic Return Line Filter
BB	Hydraulic Reservoir Fill Cap
CC	Hydraulic Reservoir Drain Plug

4. Remove the return line filter and install a new filter assembly (Fig 14.)
5. Remove the hydraulic reservoir cap. Pour new, clean hydraulic oil into the reservoir until the oil level reaches to within 1 inch of the tank opening. Replace the hydraulic reservoir cap (Fig 14.)
6. The hydraulic system typically requires additional hydraulic oil to fill the hoses and pump. Running the machine will circulate the oil through the hoses. Start up the sprayer and run for 3-5 minutes.
7. Shut the sprayer down and check the hydraulic oil level.
8. Open the hydraulic reservoir cap, and top off the hydraulic oil level. Replace the cap. The sprayer is now ready for normal operation.

Maintenance Schedule Table

Item	Frequency	Part Number
Hydraulic Oil	2000 hrs / 12 Months (>85° F, 1000 hrs / 6 Months)	(3-4 Gal.) Synthetic AW-46
Hydraulic Return Line Filter	500 hrs / 6 Months	V11722-00
Engine Oil	100 hrs	2 Quarts SAE 10W-30
Engine Oil Filter	200 hrs	12 050 01-S1
Engine Air Filter	100 hrs	47 083 03-S
Engine Fuel Filter	200 hrs	24 050 13-S1
Air Compressor Oil	3 Months	1.0 Quart Royal Purple (Synfilm 100)
Air Compressor Air Filter	3 Months	19-0253
Oil Coalescing Filter	6 Months	21999-0394
TSL for Wet Cup	As necessary	238049

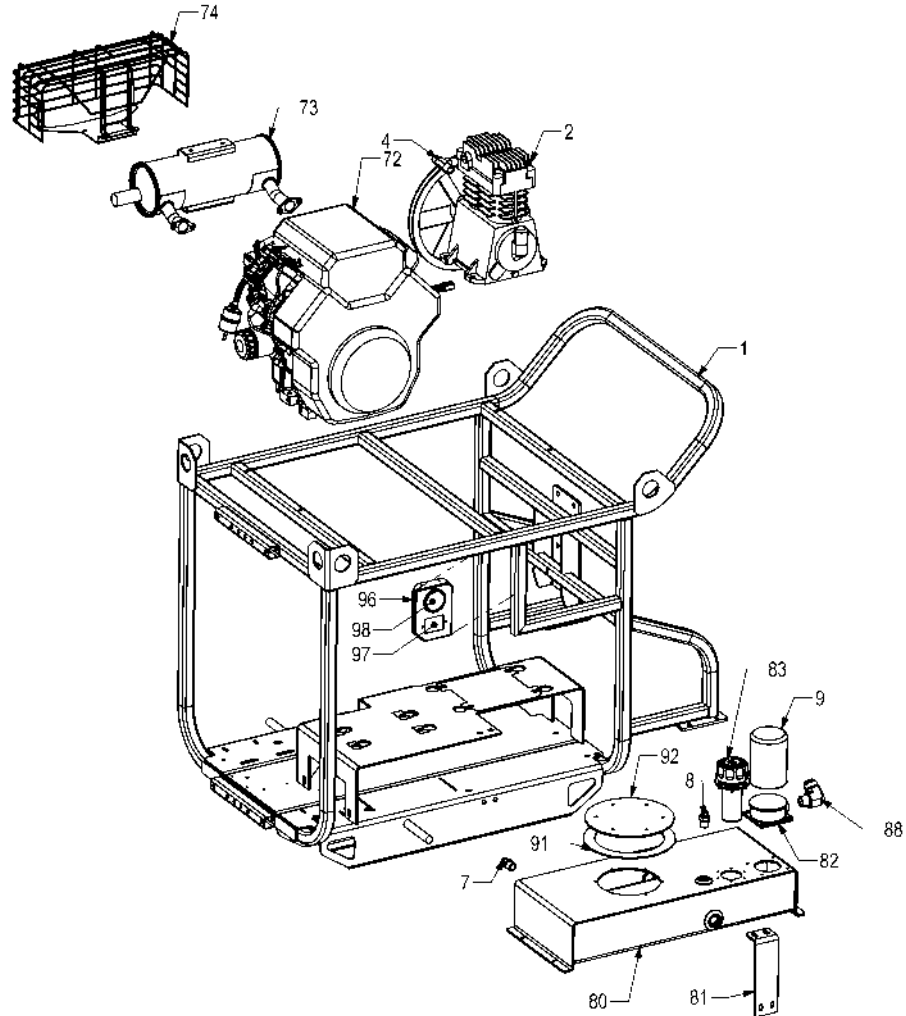
Troubleshooting

Problem	Cause	Solution
Gas engine doesn't work properly.		Consult engine manual, supplied.
Gas engine will not start.		Check fuel.
		Check Battery Connections
		Ensure air compressor valve is in START position on the control panel.
		Check that the coating pressure knob is backed off completely in the counter clockwise direction.
Gas engine operates, but coating/ catalyst pump doesn't operate.	Hydraulic motor stalled.	Turn the ignition key to OFF. Firmly press straight down on motor reset button. Restart sprayer.
	Pressure setting too low.	Increase pressure.
	Tip or tip filter is clogged.	Remove the tip and/or filter and clean.
	Hydraulic fluid too low.	Shut of sprayer and add fluid immediately.
	Hydraulic pump worn or damaged.	Return sprayer for repair.
	Hydraulic motor worn or damaged.	Return sprayer for repair.
	Displacement pump rod seized by dried paint.	Service pump.
Displacement pump operates, but output is low on upstroke.	Piston ball check not seating properly.	Service piston ball check.
	Piston packings worn or damaged.	Replace packings.
Displacement pump operates but output is low on downstroke and/or on both strokes.	Piston packings worn or damaged.	Replace packings.
	Intake valve ball check not seating properly.	Service intake valve ball check.
Paint leaks into wet cup.	Loose wet cup.	Tighten just enough to stop leakage.
	Throat packings worn or damaged.	Replace packings.
Excessive leakage around hydraulic motor piston rod wiper.	Piston rod seal worn or damaged.	Replace these parts.
Fluid delivery is low.	Pressure setting too low.	Increase pressure.
	Hydraulic piston pump is worn or damaged.	Return sprayer for repair.
	Hydraulic motor is worn or damaged.	Return sprayer for repair.
	Large pressure drop in fluid hose.	Use larger diameter hose.

Problem	Cause	Solution
The sprayer overheats.	Cooler or blower is worn or damaged.	Replace.
Spitting from gun.	Air in fluid pump or hose.	Check for loose connections on siphon assembly, tighten, then reprime pump.
Spitting from gun.	Fluid supply is low or empty.	Refill supply container.

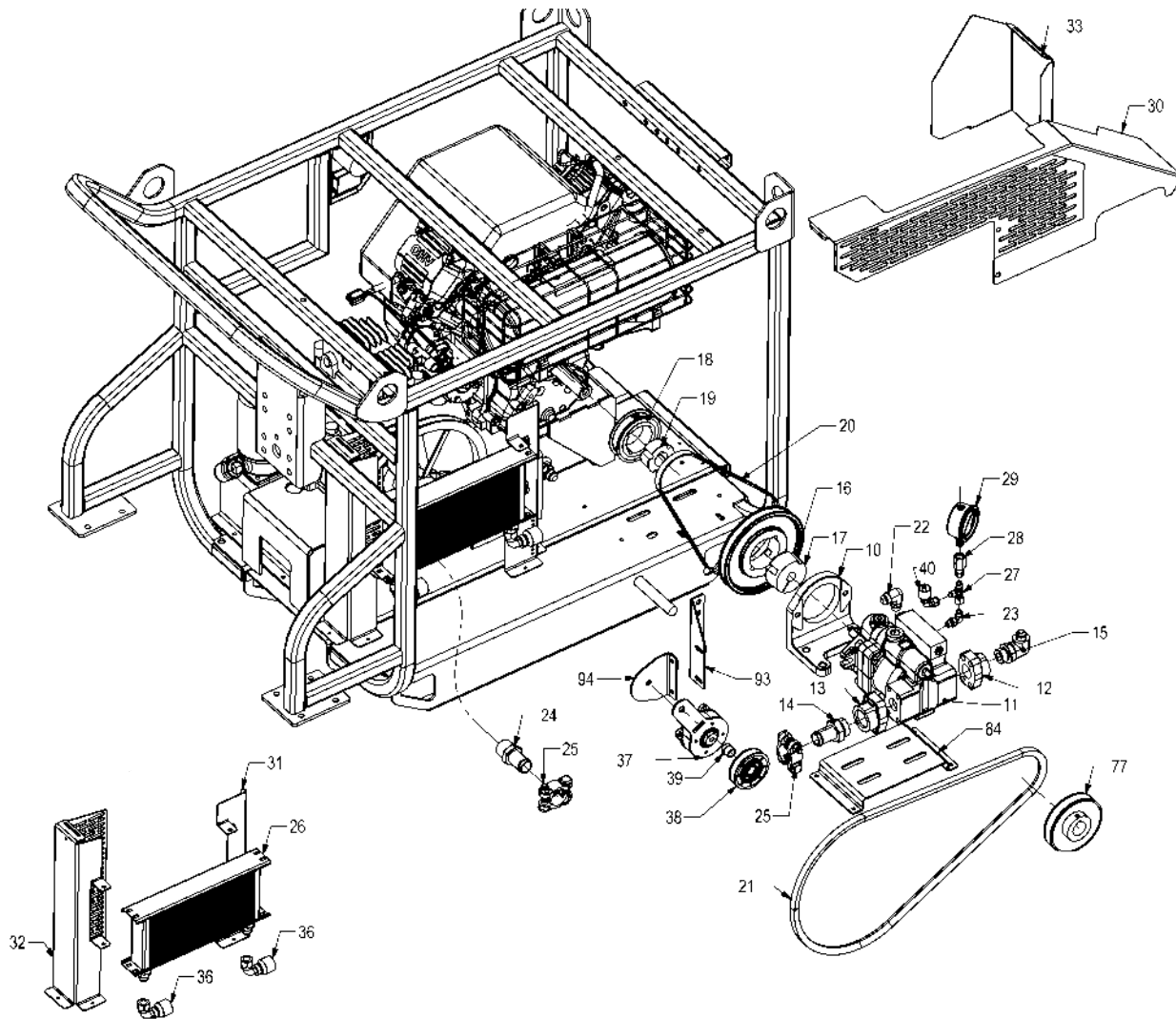
Parts

Hydraulic Tank / Engine / Compressor

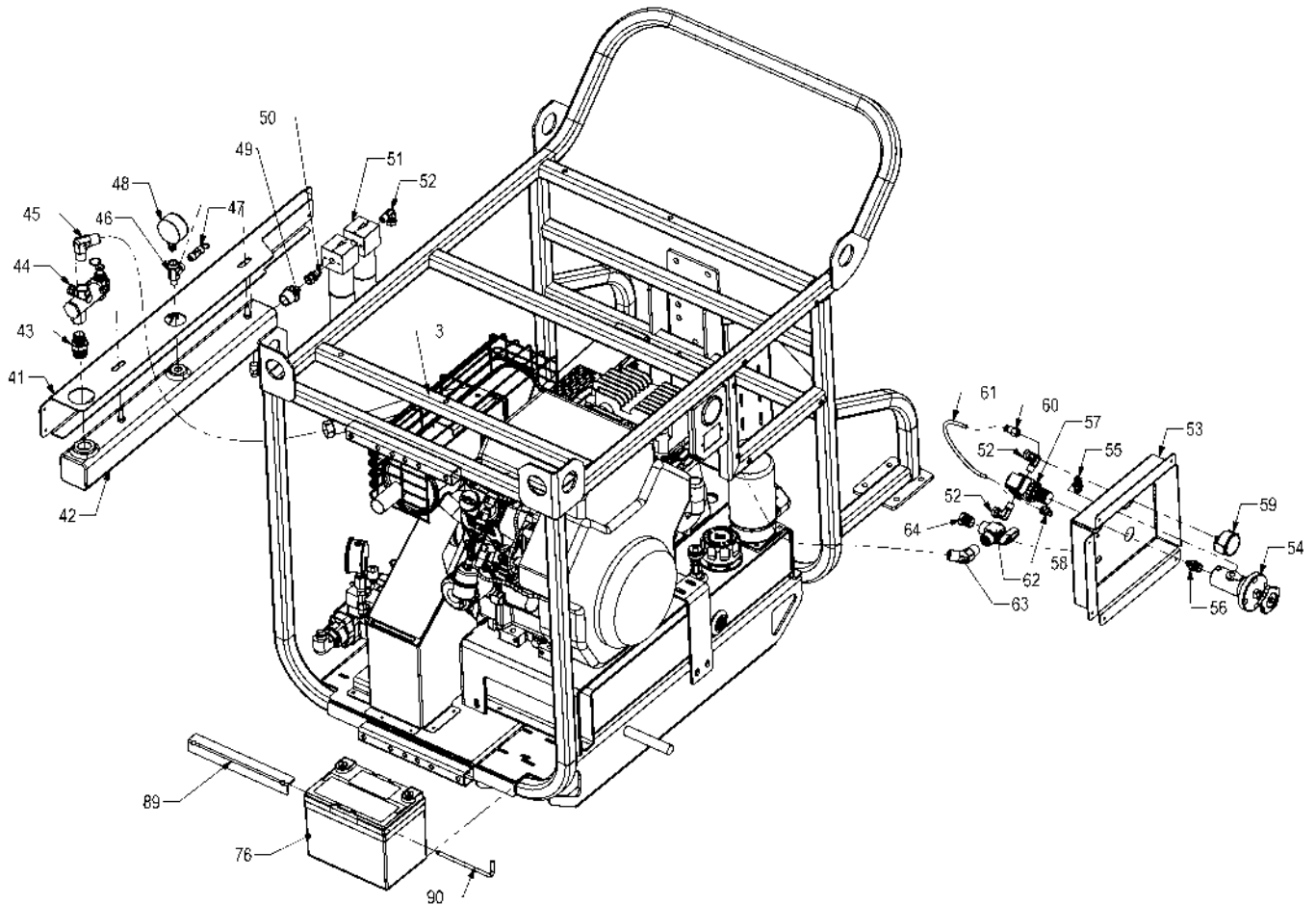


Ref.	Part No.	Description	Qty
1	C10449-01	GH4030AC FRAME WELDMENT	1
2	3-0303	AIR COMPRESSOR	1
4	PT50	PIPE TEE	1
7	HN-08J-50	HEX NIPPLE	1
8	HN-06J-50	HEX NIPPLE	1
9	V11722-00	FILTER, HYDRAULIC	1
72	113287	ENGINE 19 HP,KOHLER	1
73	24 786 05	MUFFLER - FILTER SIDE	1
74	24 755 80	MUFFLER GUARD	1
80	C10449-12	GH4030 HYD. OIL RESERVIOR ASSEMBLY	1
81	C10449-16	GH4030 ENGINE MOUNTING PLATE BRACE	1
82	V10443-21	HYD. TANK RETURN FILTER BASE	1
83	V10443-13	FILLER BREATHER CAP, HYD. TANK	1
88	ME7516	ELBOW	1
91	V10449-02	GASKET, ACCESS COVER, HYDRAULIC RES.	1
92	C10449-15	GH4030 HYDRAULIC RES., ACCESS COVER	1
96	C10449-07	GH4030 FUEL GAUGE MNT PANEL	1
97	TT2B	TINY TACH	1
98		FUEL GAUGE	1

Hydraulic Pump / Belt Drive / Cooler

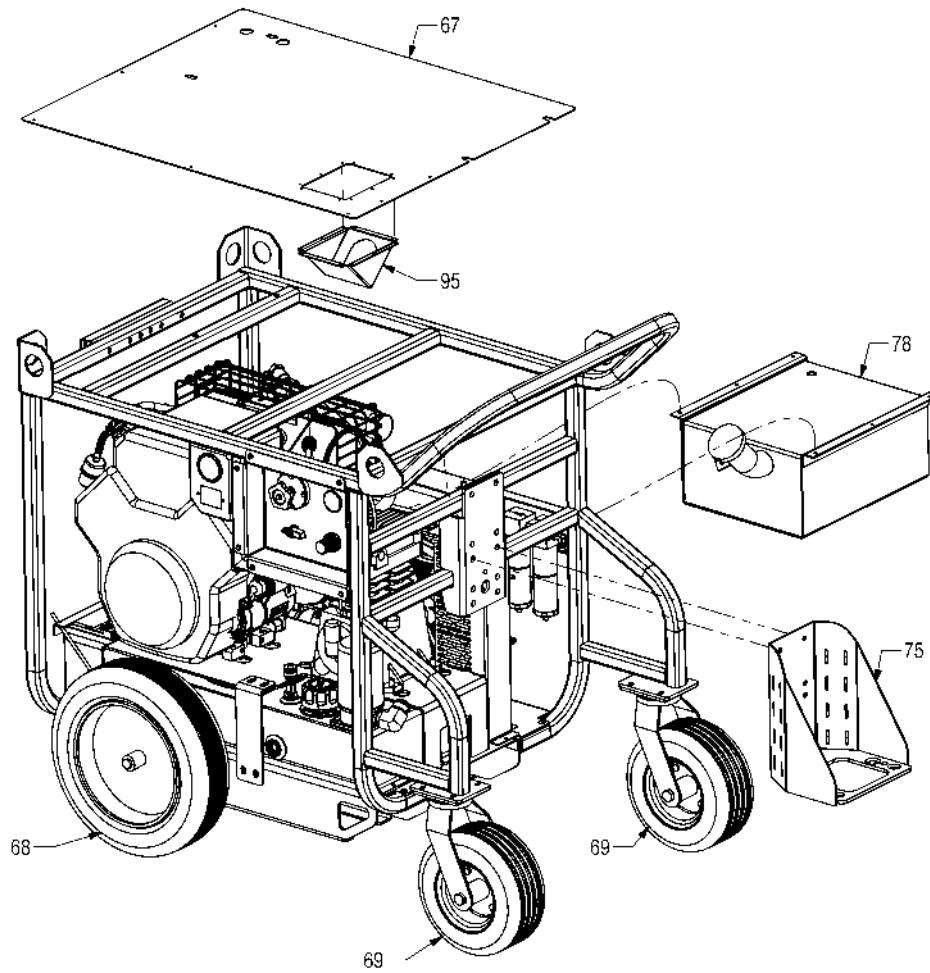


Ref. Part No.	Description	Qty	Ref. Part No.	Description	Qty		
10	V10443-12	PUMP FOOT MOUNT	1	30	C10446-17	BELT GUARD FRONT	1
11	V10443-40	HYDRAULIC PISTON PUMP	1	31	C10442-28	COOLER REAR MOUNT	1
12	V10443-41	HYDRAULIC FLANGE KIT	1	32	C10442-27	COOLER FRONT MOUNT	1
13	V10443-42	HYDRAULIC FLANGE KIT	1	33	C10446-16	BELT GUARD BACK	1
14	HB100-160	BEADED HOSE BARB	1	36	1AA8FJB8	F JIC	2
15	ME-08J-120	ELBOW	1	37	V10443-25	BELT SPRING TENSIONER	1
16	V10446-01	PULLEY, 67 TEETH	1	38	V10443-29	IDLER PULLEY, A-BELT	1
17	V10446-03	BUSHING	1	39	V10443-30	BUSHING ADAPTER	1
18	V10446-02	PULLEY	1	40	1AA4FJB4	FEMALE, JIC ELBOW	2
19	V10446-06	BUSHING	1	77	V11296-00	PULLEY	1
20	V10443-09	POWERGRIP BELT	1	84	C10442-40	HYDRAULIC PUMP RISER PLATE	1
21	V10443-08	V BELT, A56	1	93	C10449-05	BELT TENSIONER BRACKET, ENGINE	1
22	ME-08J-060	ELBOW	1	94	C10449-06	BELT TENSIONER BRACKET, PULLEY	1
23	ME-04J-040	ELBOW	1				
24	HB100-100	BEADED HOSE BARB	1				
25	700148	DOUBLE BOLT CLAMP	2				
26	V10443-20	OIL COOLER	1				
27	6602-04-04-04	TEE	1				
28	6506-04-04	SWIVEL ADAPTER	1				
29	631008AL02L3000#	PRESSURE GAUGE	1				

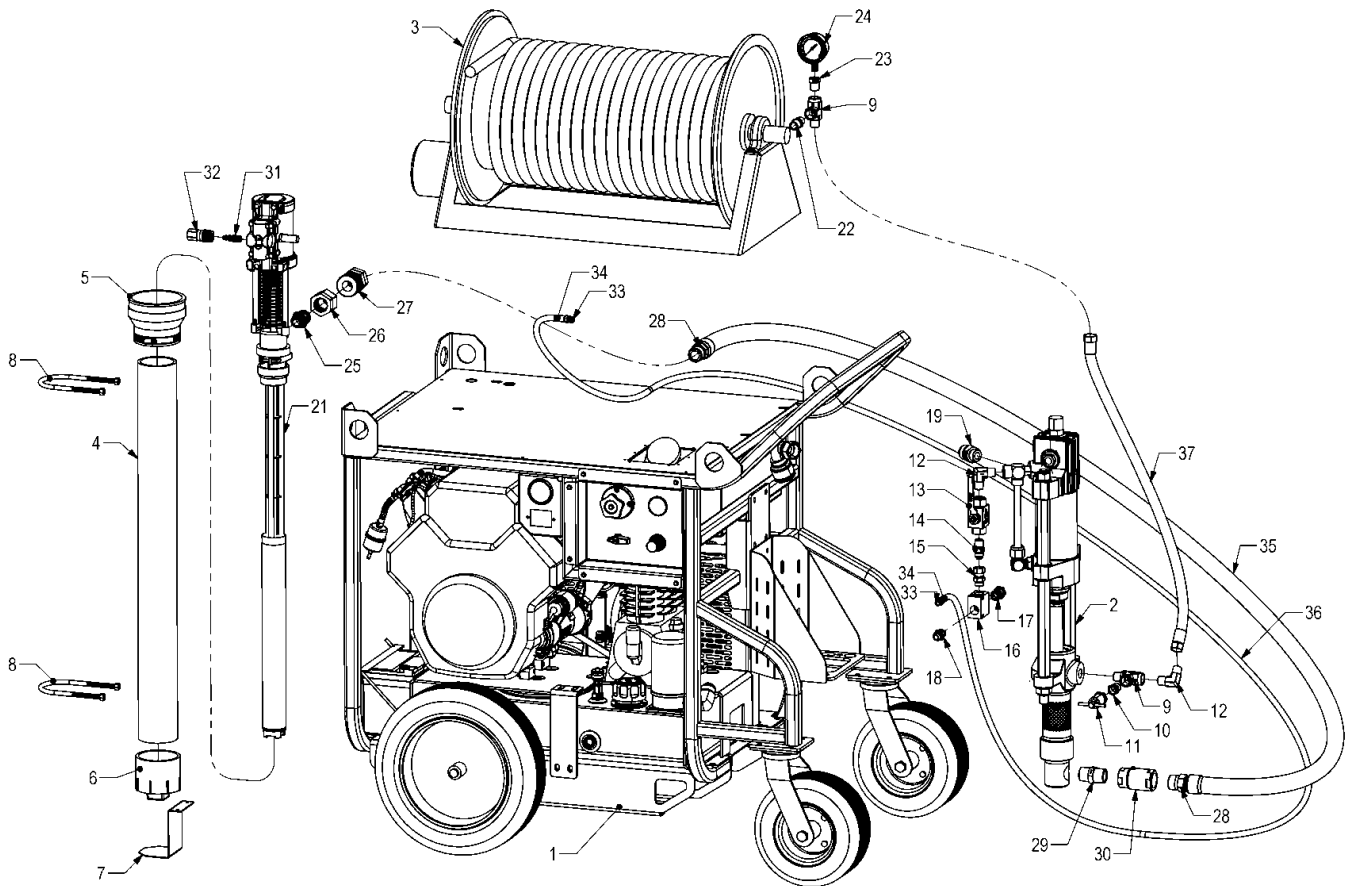


Ref.	Part No.	Description	Qty	Ref.	Part No.	Description	Qty
3	V11742-24	SST FLEX HOSE	1	64	V10443-19	BREATHER VENT	1
41	C10442-15	AIR TANK MOUNT PLATE	1	70	U90038	PETCOCK DRAIN	1
42	BP 1M	AIR TANK	1	76	U94306	BATTERY	1
43	HRN5075	HEX RED NIPPLE	1	89	C10449-04	BATTERY HOLDOWN BRACKET	1
44	V10584-00	VALVE, UNLOADER	1	90		BATTERY BOLT	2
45	ME5050	ELBOW	1				
46	MPST25	PIPE TEE	1				
47	U90031	SAFETY RELIEF VALVE	1				
48	PG200200	PRESSURE GAUGE	1				
49	HRN2575	HEX RED NIPPLE	1				
50	MFA2525	MALE FEMALE ADAPTER	1				
51	21999-0424	FILTER	1				
52	MPE2525	ELBOW	3				
53	C10442-13	CONTROL PANEL	1				
54	U94295	PRESSURE CONTROL	1				
55	3404-06-04	MALE ADAPTER	1				
56	3404-04-06	MALE ADAPTER	1				
57	PR2-NO2	REGULATOR	1				
58	PL14N01	PUSH CONNECT	1				
59	PG-100	PRESSURE GAUGE	1				
60	PCF14N01	PUSH CONNECT	1				
61	V10111-00	TUBINGD	1				
62	V10443-18	BALL VALVE	1				
63	ME45D5050	MALE ELBOW	1				

Fuel Tank / Wheels



Ref.	Part No.	Description	Qty
67	C10449-02	TOP PANEL	1
68	V10443-45	WHEEL	2
69	V11275-10	CASTER WHEEL	2
75	C10443-05	PUMP ADAPTER WELDMENT	1
78	C10449-10	FUEL TANK, GAS	1
95	C10449-11	FUEL FILL PANEL	1



Ref.	Part No.	Description	Qty	Ref.	Part No.	Description	Qty
1	T10449-99	MAXFORCE GH4030 AC BASE		24	PG5000250	PRESSURE GAUGE	1
2	441-185	COATING PUMP	1	25	HRN7510	HEX RED NIPPLE	1
3	HP-1125-4-450-E	HOSE REEL	1	26	QD8-T36	QD, FULL FLOW	1
4	V11370-48	PIPE	1	27	QD8-S36	QD, FULL FLOW	1
5	V10450-00	COUPLING	1	28	1GA16MP16	CRIMP ON FITTING	2
6	V11371-48	ADAPTER	1	29	HN100	HEX NIPPLE	1
7	C10442-34	BRACKET, FEED PUMP TUBE	1	30	15257-2	SUPER SWIVEL	1
8	V11566-38	U-BOLT	2	31	12-1333	MALE AIR QD	1
9	MPST50	PIPE TEE	2	32	12-1330	FEMALE AIR QD	1
10	HRB3850	HEX RED BUSHING	1	33	F10012	CRIMP FITTING	2
11	245143	VALVE PRESSURE	1	34	F10014	CRIMP FITTING	2
12	ME5050	ELBOW	2	35	NR100	HOSE	1
13	BV502HP	BALL VALVE	1	36	AIR516	AIR HOSE	1
14	HN-08J-50	HEX NIPPLE	1	37	2013UK-24-FXF	AIRLESS HOSE	1
15	6402-08-08	O RING ADAPTER	1				
16	ES	TWO BODY BLOCK	1				
17	DE-CVA-00-0100	CHECK VALVE	1				
18	6400-08-08	STRAIGHT ADAPTER	1				
19	HN-16J-120	HEX NIPPLE	1				
20	1AA16FJB16	FEMALE FITTING	1				
21	26A304	T3 PUMP TRANSFER, 3:1	1				
22	HN50	HEX NIPPLE	1				
23	HRB2550	HEX RED BUSHING	1				

Technical Data

Sprayer

Maximum hydraulic pressure	1350 psi
Coating maximum pressure	4000 psi
Coating maximum flow rate	4.0 GPM
Pump cycle rate at max flow	60 Cycles/Minute
Hydraulic reservoir capacity	3 Gal. (4 Gal. system cap.)

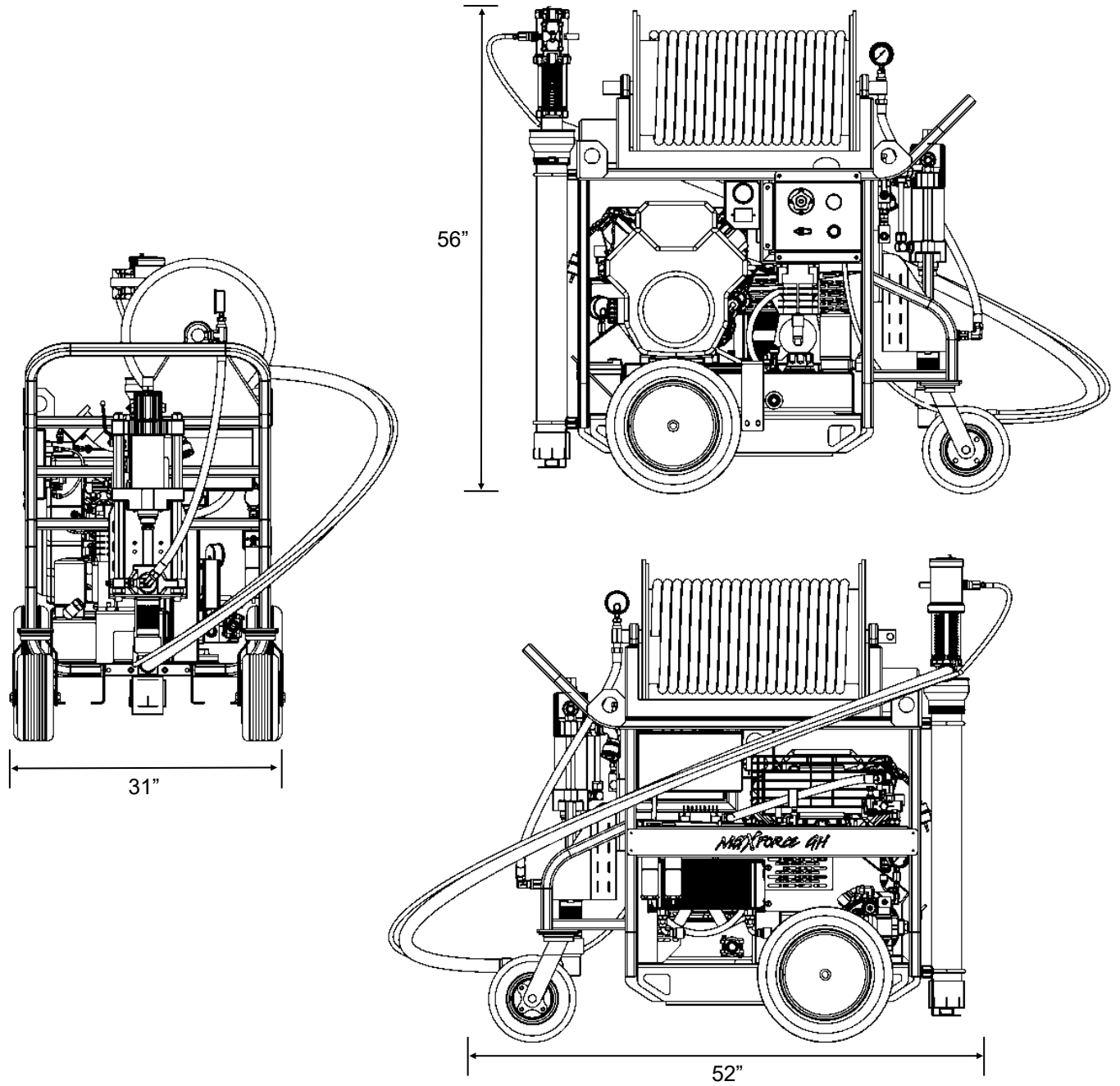
Onboard Air Compressor

Maximum flowrate	11 CFM
Maximum pressure	125 psi

General

Sprayer dimensions	31" W x 52" L x 56" T
Weight	850 lbs
Fuel capacity	5 Gallons
Engine oil capacity	2 Quarts

Sprayer Dimensions



MaxForce Warranty — General

MaxForce warrants all equipment listed in this manual which is manufactured by MaxForce and bearing its name to be free from defects in material and workmanship on the date of sale by MaxForce or authorized distributor to the original purchaser for use. With the exception of any special extended or limited warranty published by MaxForce, MaxForce will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by MaxForce to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with MaxForce's written recommendations.

This warranty does not cover, and MaxForce shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, accident, tampering, or substitution of non-MaxForce component parts. Nor shall MaxForce be liable for malfunction, damage or wear caused by the incompatibility of equipment with structures, accessories, equipment or materials not supplied by MaxForce, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by MaxForce.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized MaxForce distributor for verification of the claimed defect. If the claimed defect is verified, MaxForce will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor and transportation.

MaxForce's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

MaxForce makes no warranty, and disclaims all implied warranties of merchantability and fitness for a particular purpose in connection with accessories, equipment, materials or components sold but not manufactured by MaxForce. These items sold, but not manufactured by MaxForce (such as electric motors, gas engines, switches, hose, hydraulic components, etc.) are subject to the warranty, if any, of their manufacturer. MaxForce will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will MaxForce be liable for indirect, incidental, special or consequential damages resulting from MaxForce supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of MaxForce, or otherwise.

All written and visual data contained in this document reflect the latest product information available at the time of publication. MaxForce reserves the right to make changes at any time without notice.

Component Manufacturer Warranties– MaxForce Generators

	Standard Warranty Period	Major Components
Engine		
Doosan (Hyundai, Hyundai Infracore)	3 years, or 3000 hrs	5 years, or 5000 hrs
Kohler	3 years, or 2000 hrs	3 years, or 6000 hrs

Air Compressor (Combo units)		
Rotorcomp	2 years	

Alternator		
Sincro	18 months from invoice, or 12 months from start up, whichever comes first	

Note: All warranty periods are from point of sale unless otherwise noted.