

STANLEY®

HV18 HYDRAVERTER



USER MANUAL Safety, Operation and Maintenance



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New Britain, CT 06053
U.S.A.
40404 2/2015 Ver. 7

DECLARATION OF CONFORMITY

DECLARATION OF CONFORMITY
ÜBEREINSTIMMUNGS-ERKLÄRUNG
DECLARATION DE CONFORMITE CEE
DECLARACION DE CONFORMIDAD
DICHIARAZIONE DI CONFORMITA



I, the undersigned:
Ich, der Unterzeichnende:
Je soussigné:
El abajo firmante:
Io sottoscritto:

Weisbeck, Andy

Surname and First names/Familiennamen und Vornamen/Nom et prénom/Nombre y apellido/Cognome e nome

hereby declare that the equipment specified hereunder:
bestätige hiermit, daß erklaren Produkt genannten Werk oder Gerät:
déclare que l'équipement visé ci-dessous:
Por la presente declaro que el equipo se especifica a continuación:
Dichiaro che le apparecchiature specificate di seguito:

- Category: **Hydraverter**
Kategorie:
Catégorie:
Categoria:
Categoria:
- Make/Marke/Marque/Marca/Marca **Stanley**
- Type/Typ/Type/Tipo/Tipo: **HV18300 / HV18301**
- Serial number of equipment:
Seriennummer des Geräts:
Numéro de série de l'équipement:
Numero de serie del equipo:
Matricola dell'attrezzatura:
All

Has been manufactured in conformity with
Wurde hergestellt in Übereinstimmung mit
Est fabriqué conformément
Ha sido fabricado de acuerdo con
E' stata costruita in conformità con

Directive/Standards Richtlinie/Standards Directives/Normes Directriz/Los Normas Direttiva/Norme	No. Nr Numéro No n.	Approved body Prüfung durch Organisme agréé Aprobado Collaudato
ISO BS EN	3744:2010 982+A1:2008	Self Self

- Special Provisions: **None**
Spezielle Bestimmungen:
Dispositions particulières:
Provisiones especiales:
Disposizioni speciali:
- Representative in the Union: **Patrick Vervier, Stanley Dubuis 17-19, rue Jules Berthonneau-BP 3406 41034 Blois Cedex, France.**
Vertreter in der Union/Représentant dans l'union/Representante en la Union/Rappresentante presso l'Unione

Done at/Ort/Fait à/Dado en/Fatto a Stanley Hydraulic Tools, Milwaukie, Oregon USA Date/Datum/le/Fecha/Data 1-24-11

Signature/Unterschrift/Signature/Firma/Firma

Position/Position/Fonction/Cargo/Posizione Director of Product Development

TABLE OF CONTENTS

DECLARATION OF CONFORMITY	2
SAFETY SYMBOLS	4
SAFETY PRECAUTIONS.....	5
TOOL STICKERS & TAGS	6
HOSE TYPES.....	7
HOSE RECOMMENDATIONS	8
FIGURE 1. TYPICAL HOSE CONNECTIONS	8
HTMA REQUIREMENTS.....	9
OPERATION.....	10
FIGURE 2. CHECK OIL LEVEL	10
FIGURE 3. TOOL CIRCUIT.....	10
TOOL PROTECTION & CARE	11
TROUBLESHOOTING	12
SPECIFICATIONS.....	13
ACCESSORIES.....	13
HV18 PARTS ILLUSTRATION	14
HV18 PARTS LIST	15

IMPORTANT

To fill out a Product Warranty Validation form, and for information on your warranty, visit Stanleyhydraulics.com and select the Company tab, Warranty.
(NOTE: The warranty Validation record must be submitted to validate the warranty).

SERVICING: This manual contains safety, operation, and routine maintenance instructions. Stanley Hydraulic Tools recommends that servicing of hydraulic tools, other than routine maintenance, must be performed by an authorized and certified dealer. Please read the following warning.

⚠ WARNING

SERIOUS INJURY OR DEATH COULD RESULT FROM THE IMPROPER REPAIR OR SERVICE OF THIS TOOL.

REPAIRS AND / OR SERVICE TO THIS TOOL MUST ONLY BE DONE BY AN AUTHORIZED AND CERTIFIED DEALER.

For the nearest authorized and certified dealer, call Stanley Hydraulic Tools at the number listed on the back of this manual and ask for a Customer Service Representative.

SAFETY PRECAUTIONS

Tool operators and maintenance personnel must always comply with the safety precautions given in this manual, and on the stickers and tags attached to or on the tool and hose(s).

These safety precautions are for your safety. Review them carefully before operating the tool or performing any maintenance or repairs.

Supervising personnel may specify additional precautions for your work area to comply with company policies and local safety regulations. Enter any added precautions in the space provided in this manual.

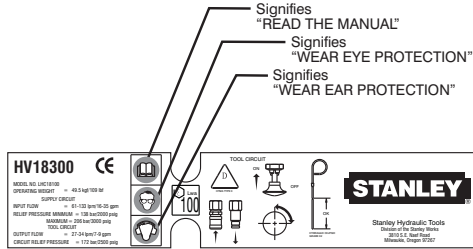
This tool will provide safe, dependable service if operated in accordance with the instructions given in this manual. Read and understand the manual any decals, labels, or tags attached to the tool and hose(s). Failure to do so can cause serious personal injury or damage to the equipment.



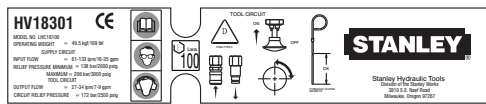
- Operator must start in a work area without bystanders. The operator must be familiar with all prohibited work areas such as excessive slopes and dangerous terrain conditions.
- Establish a training program for all operators to ensure safe operations.
- Do not operate the tool unless thoroughly trained or under the supervision of an instructor.
- Always wear safety equipment such as goggles, head protection, and safety shoes at all times when operating the tool.
- Do not inspect or clean the tool while the hydraulic power source is connected. Accidental engagement of the tool can cause serious injury.
- Do not operate this tool without first reading the Operating Instructions.
- Do not install or remove this tool while the hydraulic power source is connected. Accidental engagement of the tool can cause serious injury.
- Never operate the tool if you cannot be sure that underground utilities are not present. Underground electrical utilities present an electrocution hazard. Underground gas utilities present an explosion hazard. Other underground utilities may present other hazards.
- Do not wear loose fitting clothing when operating the tool. Loose fitting clothing can get entangled with the tool and cause serious injury.
- Supply hoses must have a minimum working pressure rating of 2500 psi/175 bar.
- Be sure all hose connections are tight.
- The hydraulic circuit control valve must be in the "OFF" position when coupling or uncoupling the tool.
- Wipe all couplers clean before connecting. Failure to do so may result in damage to the quick couplers and cause overheating. Use only lint-free cloths.
- Do not operate the tool at oil temperatures above 140° F/60° C. Operation at higher oil temperatures can cause operator discomfort and may cause damage to the tool.
- Do not operate a damaged, improperly adjusted, or incompletely assembled tool.
- To avoid personal injury or equipment damage, all tool repair, maintenance and service must only be performed by authorized and properly trained personnel.
- Do not exceed the rated limits of the tool or use the tool for applications beyond its design capacity.
- Always keep critical tool markings, such as labels and warning stickers legible.
- Always replace parts with replacement parts recommended by Stanley Hydraulic Tools.
- Check fastener tightness often and before each use daily
- **Warning:** Use of this tool on certain materials during demolition could generate dust potentially containing a variety of hazardous substances such as asbestos, silica or lead. Inhalation of dust containing these or other hazardous substances could result in serious injury, cancer or death. Protect yourself and those around you. Research and understand the materials you are cutting. Follow correct safety procedures and comply with all applicable national, state or provisional health and safety regulations relating to them, including, if appropriate arranging for the safe disposal of the materials by a qualified person.

TOOL STICKERS & TAGS

HYDRAULIC FLUID
35686
Hyd. Fluid Decal



40415
Operation Decal
HV18300



48842
Operation Decal
HV18301



NOTE:

THE INFORMATION LISTED ON THE STICKERS SHOWN, MUST BE LEGIBLE AT ALL TIMES.

REPLACE DECALS IF THEY BECOME WORN OR DAMAGED. REPLACEMENTS ARE AVAILABLE FROM YOUR LOCAL STANLEY DISTRIBUTOR.

The safety tag (P/N 15875) at right is attached to the tool when shipped from the factory. Read and understand the safety instructions listed on this tag before removal. We suggest you retain this tag and attach it to the tool when not in use.

DANGER

- FAILURE TO USE HYDRAULIC HOSE LABELED AND CERTIFIED AS NON-CONDUCTIVE WHEN USING HYDRAULIC TOOLS ON OR NEAR ELECTRICAL LINES MAY RESULT IN DEATH OR SERIOUS INJURY.
BEFORE USING HOSE LABELED AND CERTIFIED AS NON-CONDUCTIVE ON OR NEAR ELECTRICAL LINES BE SURE THE HOSE IS MAINTAINED AS NON-CONDUCTIVE. THE HOSE SHOULD BE REGULARLY TESTED FOR ELECTRIC CURRENT LEAKAGE IN ACCORDANCE WITH YOUR SAFETY DEPARTMENT INSTRUCTIONS.
- A HYDRAULIC LEAK OR BURST MAY CAUSE OIL INJECTION INTO THE BODY OR CAUSE OTHER SEVERE PERSONAL INJURY.
 - DO NOT EXCEED SPECIFIED FLOW AND PRESSURE FOR THIS TOOL. EXCESS FLOW OR PRESSURE MAY CAUSE A LEAK OR BURST.
 - DO NOT EXCEED RATED WORKING PRESSURE OF HYDRAULIC HOSE USED WITH THIS TOOL. EXCESS PRESSURE MAY CAUSE A LEAK OR BURST.
 - CHECK TOOL HOSE COUPLERS AND CONNECTORS DAILY FOR LEAKS. DO NOT FEEL FOR LEAKS WITH YOUR HANDS. CONTACT WITH A LEAK MAY RESULT IN SEVERE PERSONAL INJURY.

IMPORTANT

READ OPERATION MANUAL AND SAFETY INSTRUCTIONS FOR THIS TOOL BEFORE USING IT.

USE ONLY PARTS AND REPAIR PROCEDURES APPROVED BY STANLEY AND DESCRIBED IN THE OPERATION MANUAL.

TAG TO BE REMOVED ONLY BY TOOL OPERATOR.

SEE OTHER SIDE

DANGER

- DO NOT LIFT OR CARRY TOOL BY THE HOSES. DO NOT ABUSE HOSE. DO NOT USE KINKED, TORN OR DAMAGED HOSE.
- MAKE SURE HYDRAULIC HOSES ARE PROPERLY CONNECTED TO THE TOOL BEFORE PRESSURING SYSTEM. SYSTEM PRESSURE HOSE MUST ALWAYS BE CONNECTED TO TOOL "IN" PORT. SYSTEM RETURN HOSE MUST ALWAYS BE CONNECTED TO TOOL "OUT" PORT. REVERSING CONNECTIONS MAY CAUSE REVERSE TOOL OPERATION WHICH CAN RESULT IN SEVERE PERSONAL INJURY.
- DO NOT CONNECT OPEN-CENTER TOOLS TO CLOSED-CENTER HYDRAULIC SYSTEMS. THIS MAY RESULT IN LOSS OF OTHER HYDRAULIC FUNCTIONS POWERED BY THE SAME SYSTEM AND/OR SEVERE PERSONAL INJURY.
- BYSTANDERS MAY BE INJURED IN YOUR WORK AREA. KEEP BYSTANDERS CLEAR OF YOUR WORK AREA.
- WEAR HEARING, EYE, FOOT, HAND AND HEAD PROTECTION.
- TO AVOID PERSONAL INJURY OR EQUIPMENT DAMAGE, ALL TOOL REPAIR MAINTENANCE AND SERVICE MUST ONLY BE PERFORMED BY AUTHORIZED AND PROPERLY TRAINED PERSONNEL.

IMPORTANT

READ OPERATION MANUAL AND SAFETY INSTRUCTIONS FOR THIS TOOL BEFORE USING IT.

USE ONLY PARTS AND REPAIR PROCEDURES APPROVED BY STANLEY AND DESCRIBED IN THE OPERATION MANUAL.

TAG TO BE REMOVED ONLY BY TOOL OPERATOR.

SEE OTHER SIDE

SAFETY TAG P/N 15875 (Shown smaller than actual size)

HOSE TYPES

The rated working pressure of the hydraulic hose must be equal to or higher than the relief valve setting on the hydraulic system. There are three types of hydraulic hose that meet this requirement and are authorized for use with Stanley Hydraulic Tools. They are:

Certified non-conductive — constructed of thermoplastic or synthetic rubber inner tube, synthetic fiber braid reinforcement, and weather resistant thermoplastic or synthetic rubber cover. *Hose labeled **certified non-conductive** is the only hose authorized for use near electrical conductors.*

Wire-braided (conductive) — constructed of synthetic rubber inner tube, single or double wire braid reinforcement, and weather resistant synthetic rubber cover. *This hose is **conductive** and must never be used near electrical conductors.*

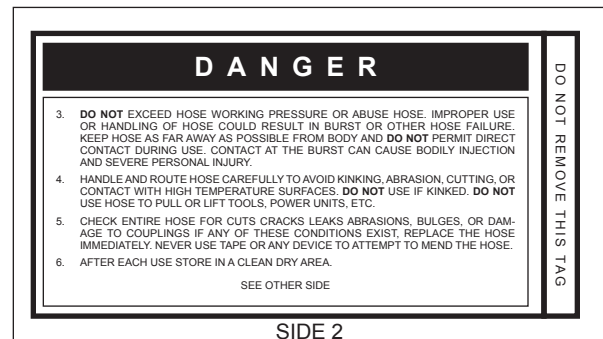
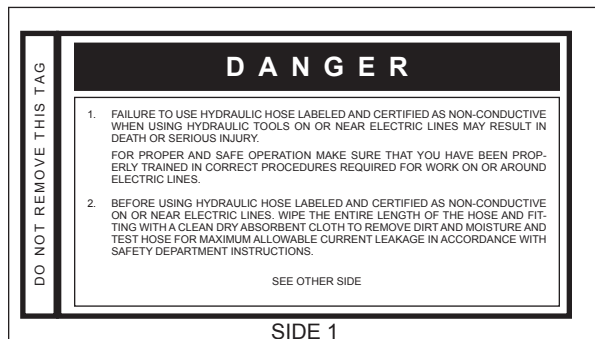
Fabric-braided (not certified or labeled non-conductive) — constructed of thermoplastic or synthetic rubber inner tube, synthetic fiber braid reinforcement, and weather resistant thermoplastic or synthetic rubber cover. *This hose is **not certified non-conductive** and must never be used near electrical conductors.*

HOSE SAFETY TAGS

To help ensure your safety, the following DANGER tags are attached to all hose purchased from Stanley Hydraulic Tools. DO NOT REMOVE THESE TAGS.

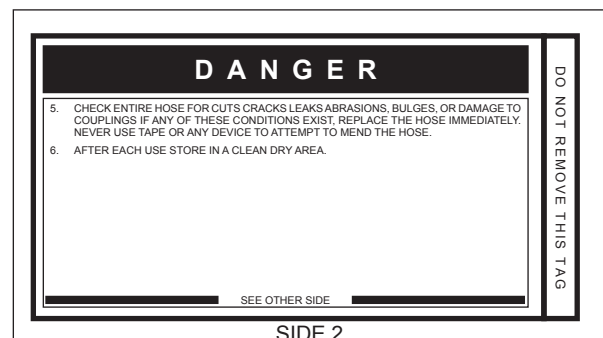
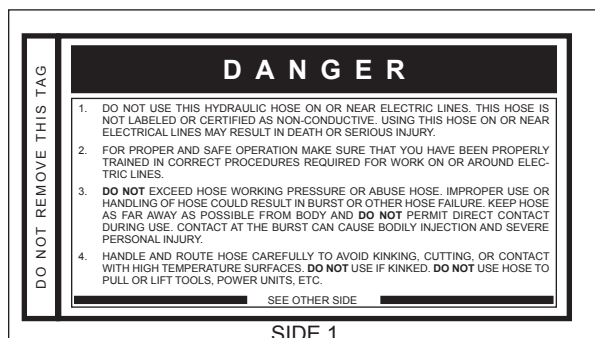
If the information on a tag is illegible because of wear or damage, replace the tag immediately. A new tag may be obtained from your Stanley Distributor.

THE TAG SHOWN BELOW IS ATTACHED TO “CERTIFIED NON-CONDUCTIVE” HOSE



(Shown smaller than actual size)

THE TAG SHOWN BELOW IS ATTACHED TO “CONDUCTIVE” HOSE.



(Shown smaller than actual size)

HTMA / EHTMA REQUIREMENTS

HTMA / EHTMA REQUIREMENTS

HTMA

HYDRAULIC SYSTEM REQUIREMENTS

TOOL TYPE

	TYPE I	TYPE II	TYPE RR	TYPE III
Flow Range	4-6 gpm (15-23 lpm)	7-9 gpm (26-34 lpm)	9-10.5 gpm (34-40 lpm)	11-13 gpm (42-49 lpm)
Nominal Operating Pressure (at the power supply outlet)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)
System relief valve setting (at the power supply outlet)	2100-2250 psi (145-155 bar)	2100-2250 psi (145-155 bar)	2200-2300 psi (152-159 bar)	2100-2250 psi (145-155 bar)
Maximum back pressure (at tool end of the return hose)	250 psi (17 bar)	250 psi (17 bar)	250 psi (17 bar)	250 psi (17 bar)
Measured at a max. fluid viscosity of: (at min. operating temperature)	400 ssu* (82 centistokes)	400 ssu* (82 centistokes)	400 ssu* (82 centistokes)	400 ssu* (82 centistokes)
Temperature: Sufficient heat rejection capacity to limit max. fluid temperature to: (at max. expected ambient temperature)	140° F (60° C)	140° F (60° C)	140° F (60° C)	140° F (60° C)
Min. cooling capacity at a temperature difference of between ambient and fluid temps NOTE: Do not operate the tool at oil temperatures above 140° F (60° C). Operation at higher temperatures can cause operator discomfort at the tool.	3 hp (2.24 kW) 40° F (22° C)	5 hp (3.73 kW) 40° F (22° C)	6 hp (5.22 kW) 40° F (22° C)	7 hp (4.47 kW) 40° F (22° C)
Filter Min. full-flow filtration Sized for flow of at least: (For cold temp. startup and max. dirt-holding capacity)	25 microns 30 gpm (114 lpm)	25 microns 30 gpm (114 lpm)	25 microns 30 gpm (114 lpm)	25 microns 30 gpm (114 lpm)
Hydraulic fluid Petroleum based (premium grade, anti-wear, non-conductive) Viscosity (at min. and max. operating temps) NOTE: When choosing hydraulic fluid, the expected oil temperature extremes that will be experienced in service determine the most suitable temperature viscosity characteristics. Hydraulic fluids with a viscosity index over 140 will meet the requirements over a wide range of operating temperatures.	100-400 ssu*	100-400 ssu* (20-82 centistokes)	100-400 ssu*	100-400 ssu*
*SSU = Saybolt Seconds Universal				

EHTMA HYDRAULIC SYSTEM REQUIREMENTS

CLASSIFICATION

Flow Range	3.5-4.3 gpm (13.5-16.5 lpm)	4.7-5.8 gpm (18-22 lpm)	7.1-8.7 gpm (27-33 lpm)	9.5-11.6 gpm (36-44 lpm)	11.8-14.5 gpm (45-55 lpm)
Nominal Operating Pressure (at the power supply outlet)	1870 psi (129 bar)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)
System relief valve setting (at the power supply outlet)	2495 psi (172 bar)	2000 psi (138 bar)	2000 psi (138 bar)	2000 psi (138 bar)	2000 psi (138 bar)

NOTE: These are general hydraulic system requirements. See tool specification page for tool specific requirements

OPERATION

PRE-OPERATION PROCEDURES

1. Check oil in reservoir. The end of the dipstick is the low level and the high level is at the line on the dipstick. If necessary fill the reservoir with ISO Grade 32 hydraulic oil.

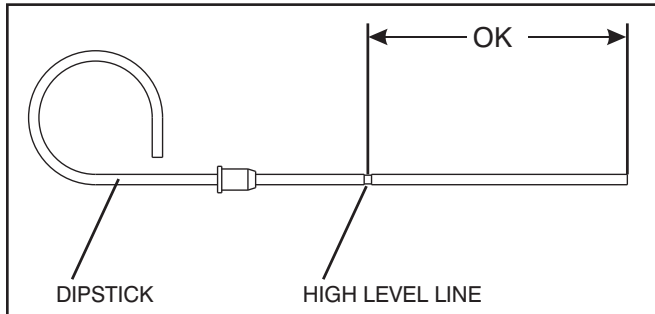


Figure 2. Check Oil Level

2. Connect the pressure hose from the supply circuit to the IN port on the manifold and the return hose to the OUT port.
3. The recommended hose size for the supply hoses is 3/4 in. ID with 3000 psi working pressure.

⚠ WARNING

Supply circuit relief setting must not exceed 3000 psi/207 bar. Higher pressures may cause personal injury and damage to the equipment.

The rated working pressure of supply circuit hydraulic hoses must be equal or higher than the relief setting on the hydraulic system.

OPERATION

1. Turn the tool circuit control valve off by pulling the knob and turning until the detent pin is locked into the shallow groove.
2. Connect tool hoses to the couplers in the PRESS and RETURN ports. The recommended hose length is 25 ft./8 m with a 1/2 in./12.7 mm inside diameter. The hoses must have a working pressure rating of at least 2500 psi/175 bar. Also see HYDRAULIC HOSE REQUIREMENTS earlier in this manual.
3. Turn supply circuit on then turn tool circuit control valve on to enable tool circuit.

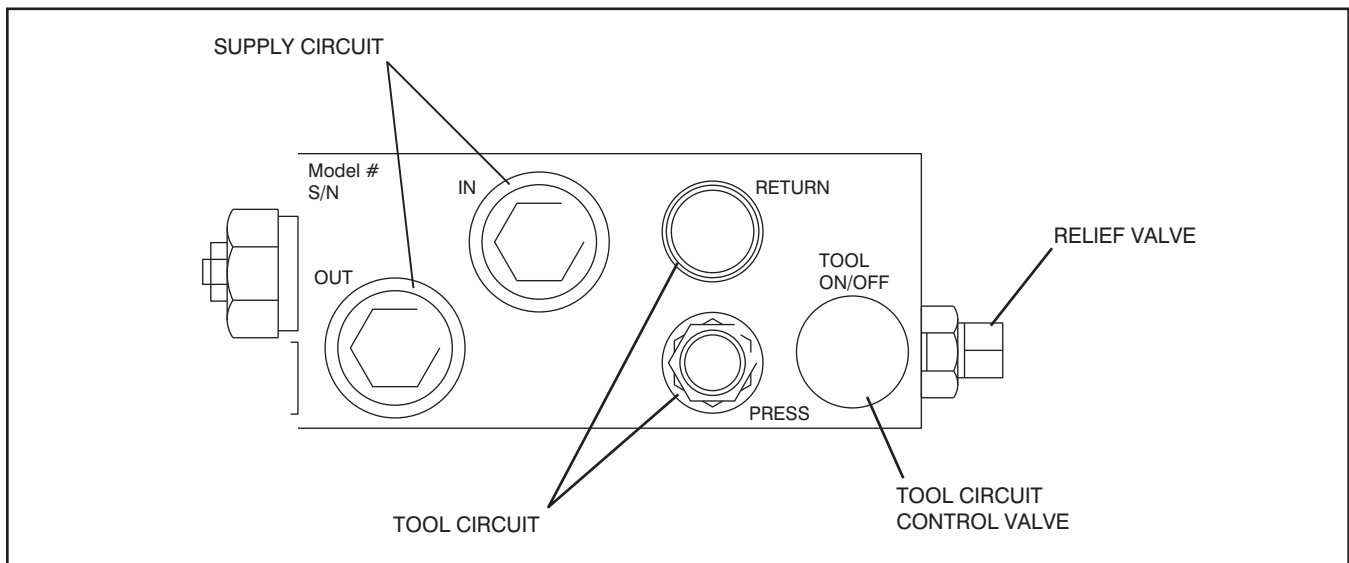


Figure 3. Tool Circuit

TOOL PROTECTION & CARE

RECOMMENDED HYDRAULIC OILS

Below is a list of recommended oils by brand.

Brand	Biodegradable	Description
CITGO	No	Hydurance AW32
AMS Oil	No	HVH 32
Exxon Mobil	No	Univis HVI26*
Exxon Mobil	No	DTE 10 Excel
Shell	No	S2 V 32
Chevron	No	Rando HDZ 32
Conoco Phillips	No	Unax AW-WR-32
Clarion (CITGO)	Yes	Green Bio 32
Exxon Mobil	Yes	EAL 224H
Chevron	Yes	Clarity AW32
Terresolve	Yes	Envirologic 132
Shell	Yes	Naturelle HF-E-32

*Recommended for extreme cold temperatures

NOTICE

In addition to the Safety Precautions found in this manual, observe the following for equipment protection and care.

- Make sure all couplers are wiped clean before connection.
- Always store the tool in a clean dry space, safe from damage or pilferage.
- Make sure the circuit PRESSURE hose (with male quick disconnect) is connected to the "IN" port. The circuit RETURN hose (with female quick disconnect) is connected to the opposite port. Do not reverse circuit flow. This can cause damage to internal seals.
- Always replace hoses, couplings and other parts with replacement parts recommended by Stanley Hydraulic Tools. Supply hoses must have a minimum working pressure rating of 2500 psi/172 bar.
- Do not exceed the rated flow (see Specifications) in this manual for correct flow rate and model number. Rapid failure of the internal seals may result.
- Always keep critical tool markings, such as warning stickers and tags legible.
- Tool repair should be performed by experienced personnel only.
- Make certain that the recommended relief valves are installed in the pressure side of the system.
- Do not use the tool for applications for which it was not intended.

TROUBLESHOOTING

This section describes how to find and resolve problems users may experience. If a situation occurs that is not covered, call your Stanley Customer Service representative for assistance.

If symptoms of poor performance develop, the following chart can be used as a guide to correct the problem.

When diagnosing faults in operation of the tool, always check that the hydraulic power source is supplying the correct hydraulic flow and pressure to the tool as listed in the table. Use a flowmeter known to be accurate. Check the flow with the hydraulic oil temperature at least 80 ° F/27°C.

Symptom	Possible Cause	Solution
Pump/motor does not run with supply circuit energized.	Supply hoses not connected properly.	Make sure hoses are connected to the proper ports. Pressure line must be connected to the IN port.
	Hydraulic supply source relief set too low.	Adjust system relief to 2000–3000 psi.
	Flow control valve damaged or out of adjustment.	Contact authorized dealer for service.
	Mechanical failure of pump/motor unit.	Replace pump/motor unit.
Tool circuit does not operate tools properly.	Relief valve set too low.	Adjust relief valve to 2100–2250 psi.
	Supply circuit does not provide enough hydraulic flow.	Make sure supply system provides at least 13 gmp @ 2000 psi on HV18301 and at least 16 gpm @ 2000 psi for HV18300.
	Couplers or hose blocked.	Remove obstruction.
Tool gets too hot.	Inlet screen or cooler clogged with debris.	Clean out inlet screen or cooler.

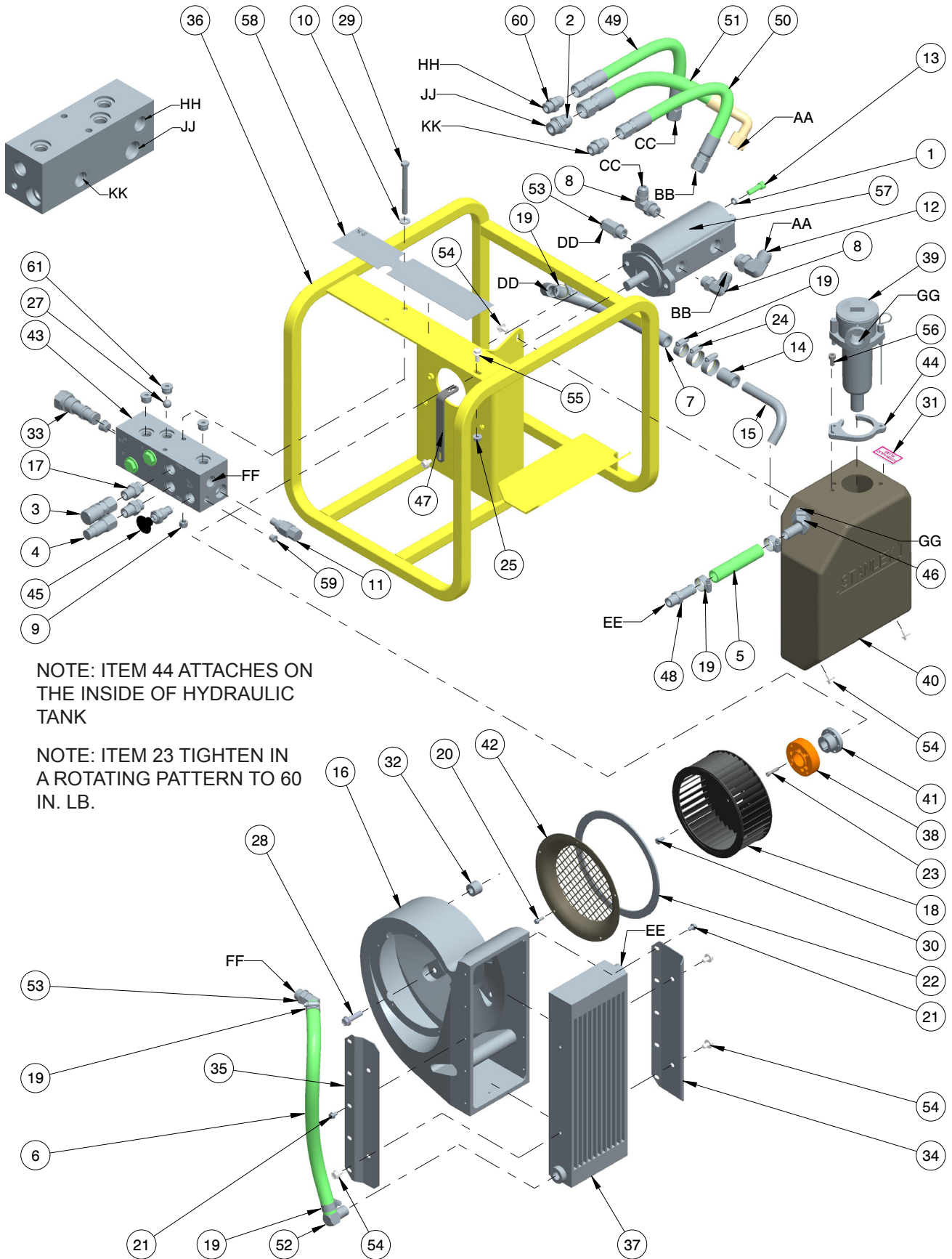
SPECIFICATIONS

Weight	109 lbs/49.5 kg
Overall Length	21.25 in/540 mm
Overall Height.....	19.75 in/489 mm
Input Flow	
HV18300	16–35 gpm/61–133 lpm
HV18301	13–25 gpm/49–95 lpm
Relief Pressure	2000 psi/138 bar
Maximum Fluid Temperature	200 °F/93 °C
Port Size	-12 (3/4) SAE ORB
Maximum Back Pressure.....	400 psi/28 bar
Circuit Relief Pressure.....	2150 psi/148 bar
Couplers	HTMA Flush Face Type Male & Female
Connect Size & Type	1/2 in NPT
HTMA Class II.....	7–9 gpm @ 2000 psi
EHTMA Category.....	30 lpm @ 138 bar
Sound Power Level	100 dBA
Vibration Level.....	NA

ACCESSORIES

Filter Service Kit	43592
Filter Element	40408
Supply Hose Kit.....	51290

HV18 PARTS ILLUSTRATION



NOTE: ITEM 44 ATTACHES ON THE INSIDE OF HYDRAULIC TANK

NOTE: ITEM 23 TIGHTEN IN A ROTATING PATTERN TO 60 IN. LB.

HV18 PARTS LIST

ITEM	P/N	QTY	DESCRIPTION
1	00683	2	LOCKWASHER 3/8" I.D
2	02773	1	ADAPTER 12 F50X
3	03975	1	COUPLER,3/8 FEM 1/2NPT
4	03976	1	COUPLER,3/8MALE 1/2NPT
5	04306	1	HOSE 3/4 4-3/4" LONG
6	04306	1	HOSE 3/4 19" LONG
7	04306	1	HOSE 3/4 16" LONG
8	04321	2	STRAIGHT THREAD ELBOW
9	04353	2	NYLOCK NUT 3/8-16UNC
10	04585	2	WASHER 3/8" I.D.
11	05043	1	RELIEF VALVE
12	05967	1	STRAIGHT THREAD ELBOW
13	06151	2	HSHCS 3/8-16 X 1-1/4 GR8
14	07747	1	SUCTION SLEEVE
15	07749	1	SUCTION TUBE
16	07783	1	BLOWER HOUSING
17	07882	2	ADAPTER 10-1/2 F50F
18	08035	1	BLOWER WHEEL
19	08045	6	HOSE CLAMP, 7/8 dia
20	08667	5	SHEET METAL SCREW
21	08668	10	SHEET METAL SCREW
22	08669	1	GASKET
23	10706	3	HSHCS 10-24 X 1.000
24	11179	2	HOSE CLAMP, 7/8 dia
25	12787	1	FLANGE NUT 5/16-18
27	18952	1	STEEL BALL 5/8
28	24142	4	HEX FLANGE BOLT 3/8 X 1-1/2
29	27634	2	HHCS 3/8-16UNC X 4.500
30	27931	4	HHCS 1/4-20UNC X .500
31	35686	1	HYDRAULIC FLUID DECAL
32	35782	4	SPACER
33	37301	1	FLOW REGULATOR
34	40053	1	COOLER MOUNT
35	40054	1	OFFSET COOLER MOUNT
36	40075	1	FRAME WELDMENT
37	40078	1	COOLER
38	40079	1	BLOWER HUB
39	40080	1	FILTER ASSY
40	40082	1	HYDRAULIC TANK

ITEM	P/N	QTY	DESCRIPTION
41	40083	1	QD BUSHING
42	40084	1	INLET RING ASSY
43	40089	1	MANIFOLD
44	40133	1	GRIP PLATE
45	40137	1	CARTRIDGE- HYDRA FORCE MP10-20C-0-N
46	40364	1	ELBOW 45 3/4 SAE TO 3/4 BARB
47	40401	1	ANGLE BRACKET
48	40405	1	HOSE BARB 1/2NPT TO 3/4
49	40406	1	HOSE 451TC-17"
50	40406	1	HOSE 451TC-17"
51	40407	1	HOSE 451TC-15.5"
52	40413	1	ELBOW 1/2NPT TO 3/4 HOSE BARB
53	40414	2	ELBOW 45 -10 SAE TO 3/4 BARB
54	40433	7	HEX FLANGE BOLT
55	40435	1	HEX FLANGE BOLT
56	43687	1	HSHCS M8 X 16
57	48841	1	PUMP/MOTOR HV18301
	40081	1	PUMP/MOTOR HV18300
58	48842	1	DECAL, OPERATION HV18301
	40415	1	DECAL, OPERATION HV18300
59	350041	1	HOLLOW HEX PLUG -4 SAE
60	350104	2	STRAIGHT THREAD CONNECTOR
61	350237	4	HOLLOW HEX PLUG - 8 SAE

COUPLER SET P/N-03974

STANLEY®

Stanley Hydraulic Tools
3810 SE Naef Road
Milwaukie, Oregon 97267-5698 USA
(503) 659-5660 / Fax (503) 652-1780
www.stanleyhydraulics.com