

HYDRAULICS
by
Deweze®

Made In USA



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DewEze®

History

In its 30-year history, Harper Industries, Inc. (HII) has developed from a small farm shop producing hay handling equipment to a medium size company producing four different product lines: agricultural equipment (hay handling and processing), OEM hydraulic systems, all terrain mowing equipment and the Harper line of turf care products. Due to high satisfaction with our products, HII has grown rapidly. With the continued innovations in all of our product lines, future growth is expected. HII's mission is to manufacture high quality products that fill specific market niches, to create and maintain top quality jobs for the people of Harper and surrounding communities and to provide exceptional customer service.

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DEWEZE®

Hydraulic Utility Products

Instant Mobile Power for Trucks and Vans

Features:

- Kits available that comply with no idle law.
- Instant mobile hydraulic power with a flip of a switch.
- Machined cast brackets for quick installation and accurate belt alignment.
- Automatic belt tensioner for extended belt life.
- Heavy duty electric clutch and high quality gear pumps.
- System pressures to 3500 PSI.
- Pump flows from 2 gpm- 17 gpm.
- Low maintenance.
- Kits meet Ford requirements for Spider and Non-Spider applications.
- Kits in stock 1973 to present.
- Overnight shipments available.
- Detailed installation instructions and toll free phone support.
- Installation training available.
- Full one year warranty on all components.

Excelling in the Truck Equipment Market for over 30 years.



Scan the QR code to visit DewEze.com

Hydraulic Utility Products

The DewEze® Hydraulic system provides the best alternative in mobile hydraulic power. Since the belt-driven pump is independent of the transmission, the operator has complete freedom of movement with his truck. The kits are engineered to fit three-quarter, one ton, super duty, and an increasing number of medium duty and HD trucks regardless of air conditioning and pollution control devices. The kit components are intentionally designed for the horsepower requirements of the truck equipment industry today.

Flow Rate @ given RPM (Serp System)

PUMP SIZE GPM (disp)	ENGINE RPM					MAX PSI
	750	1000	1250	1500	1750	
17 (2.02)	7.79	10.39	12.99	15.59	18.19	2500
12 (1.40)	5.40	7.20	9.00	10.80	12.61	3500
9 (1.09)	4.20	5.61	7.01	8.41	9.81	3500
7 (.93)	3.59	4.78	5.98	7.17	8.37	3500
5 (.62)	2.39	3.19	3.98	4.78	5.58	3500

PUMP SPEED IS 29.2% FASTER THAN ENGINE SPEED.

PUMP SIZE AA PUMPS	ENGINE RPM					MAX PSI
	750	1000	1250	1500	1750	
.73 disp	3.38	4.51	5.63	6.76	7.88	3500
.68 disp	3.15	4.20	5.25	6.29	7.34	3500
.61 disp	2.82	3.76	4.71	5.65	6.59	3500
.49 disp	2.27	3.02	3.78	4.54	5.29	3500
.43 disp	1.99	2.65	3.32	3.98	4.64	3500

PUMP SPEED IS 55.0% FASTER THAN ENGINE SPEED

As we continue to update and improve our product line, specifications are subject to change without notice.

We've got you covered!

**Small digger derricks
Cable placer units
Telcom units
Van units**

Select the Pump Size and Components that are Right for YOUR Application.





* Kit shown is 2012
Ford 6.7L Diesel



Features:

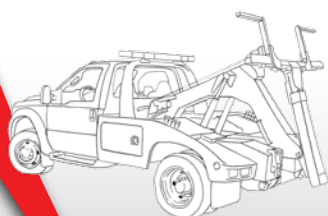
- Instant mobile hydraulic power with a flip of a switch.
- Machined cast brackets for quick installation and accurate belt alignment.
- Automatic belt tensioner for extended belt life.
- Heavy duty electric clutch and high quality gear pumps.
- System pressures to 3500 PSI.
- Pump flows from 2 gpm - 17 gpm.
- Low maintenance.
- Kits meet Ford requirements for Spider and Non-Spider applications.
- Kits in stock 1973 to present.
- Overnight shipments available.
- Detailed installation instructions and toll free phone support.
- Full one year warranty on all components.

**Excelling in the Truck Equipment Market
for over 30 years.**

DewEze®

Hydraulic Wrecker Products

Instant Mobile Power for Trucks



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Hydraulic Wrecker Products

The DewEze® Hydraulic system provides the best alternative in mobile hydraulic power. Since the belt-driven pump is independent of the transmission, the operator has complete freedom of movement with his truck. The kits are engineered to fit three-quarter, one ton, super duty, and an increasing number of medium duty and HD trucks regardless of air conditioning and pollution control devices. The kit components are intentionally designed for the horsepower requirements of the truck equipment industry today.

Flow Rate @ given RPM (Serp System)

PUMP SIZE GPM (disp)	ENGINE RPM					MAX PSI
	750	1000	1250	1500	1750	
17 (2.02)	7.79	10.39	12.99	15.59	18.19	2500
12 (1.40)	5.40	7.20	9.00	10.80	12.61	3500
9 (1.09)	4.20	5.61	7.01	8.41	9.81	3500
7 (.93)	3.59	4.78	5.98	7.17	8.37	3500
5 (.62)	2.39	3.19	3.98	4.78	5.58	3500

PUMP SPEED IS 29.2% FASTER THAN ENGINE SPEED.

As we continue to update and improve our product line, specifications are subject to change without notice.



We've got you covered!

**Medium Duty Wrecker Rollback-carrier
Twin Line Wrecker Self-Loader**

Select the Pump Size and Components that are Right for YOUR Application.



Hydraulic Snow & Ice Products

Instant Mobile Power for Trucks

Features:

- Instant mobile hydraulic power with a flip of a switch.
- Machined cast brackets for quick installation and accurate belt alignment.
- Automatic belt tensioner for extended belt life.
- Heavy duty electric clutch and high quality gear pumps.
- System pressures to 3500 PSI.
- Pump flows from 2 gpm- 17 gpm.
- Low maintenance.
- Overnight shipments available.
- Detailed installation instructions and toll free phone support.
- Installation training available.
- Full one-year warranty on all components.

Excelling in the Truck Equipment Market for over 30 years.



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Hydraulic Snow & Ice Products



The DewEze® Hydraulic system provides the best alternative in mobile hydraulic power. Since the belt-driven pump is independent of the transmission, the operator has complete freedom of movement with his truck. The kits are engineered to fit three-quarter, one ton, super duty, and an increasing number of medium duty and HD trucks regardless of air conditioning and pollution control devices. The kit components are intentionally designed for the horsepower requirements of the truck equipment industry today.

Flow Rate @ given RPM (Serp System)

PUMP SIZE	ENGINE RPM					
GPM (disp)	750	1000	1250	1500	1750	MAX PSI
17 (2.02)	7.79	10.39	12.99	15.59	18.19	2500
12 (1.40)	5.40	7.20	9.00	10.80	12.61	3500
9 (1.09)	4.20	5.61	7.01	8.41	9.81	3500
7 (.93)	3.59	4.78	5.98	7.17	8.37	3500
5 (.62)	2.39	3.19	3.98	7.78	5.58	3500

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We've Got You Covered

- Plow
Plow/hoist
Plow/hoist/spreader
- Plow/spreader
Hooklift
Service Bodies
- Air Compressors
Generators



Hydraulic Generator



Hydraulic Air Compressor



DewEze®

Hi Pressure Products

Features:

- Instant mobile hydraulic power with a flip of a switch.
- Machined cast brackets for quick installation and accurate belt alignment.
- Automatic belt tensioner for extended belt life.
- Heavy-duty electric clutch and high quality gear pumps.
- System pressures to 4500 PSI.
- Pump flows from 3.5 gpm - 12 gpm.
- Low maintenance.
- Overnight shipments available.
- Detailed installation instructions and toll free phone support.



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DewEze Hydraulic Systems

DewEze has a full line of high pressure clutch pump kits for most current model trucks. These kits allow you to operate knuckle boom cranes and hooklifts without the restrictions of a PTO.

You will be able to operate these products in a broad engine RPM range and have the mobility you need to get your job done. Flows available from 3 ½ gallon at idle to 7 ½ gallon at 1000 engine RPM. Pressure range from 4000 psi continuous to 4500 psi intermittent. This is a solid cast iron pump that has been tested in severe industrial applications.

DewEze has 30 years of experience in the clutch pump kit industry. As an acknowledged leader in this industry, DewEze has become well-known for bringing new innovations to the market. This line of high pressure clutch pump kits carries on that proud tradition.

SAUER HIGH PRESSURE PUMP / SERPENTINE BELT CLUTCH - 6" dia. / CRANKPULLEY - 6.75"

SIZE		GALLONS PER MINUTE @ GIVEN RPM							
Rated GPM	cu. in.	625	675	750	875	1000	1250	1500	1750
12	1.55	4.3	4.7	5.2	6.1	6.9	8.7	10.4	12.2
9	1.16	3.2	3.5	3.9	4.5	5.21	6.5	7.8	9.1
7	1.04	2.9	3.1	3.5	4.1	4.7	5.8	7.0	8.2

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