



# CONVERSION DUMP HOISTS VC520



CAPACITY RANGE  
8 - 14 TON

BODY LENGTHS  
12 - 15 FT

CONV. CLASS  
D

DUMP CLASS  
40

TRUCK FRAME  
29" - 34"

## FEATURES

### ■ VARIETY OF POWER OPTIONS

The VC520 can be fit with our ES (Electric-Single), ED (Electric-Double), DM (Direct-Mount PTO Driven) or LDK (Less Drive Kit - No power or hoses).

### ■ OPTIONAL SUBFRAME FOR EASY INSTALL

New and improved subframe designed to fit contemporary chassis cabs without modifications to save time and money.

### ■ UPDATED DESIGN

Low-mounting height scissors design with narrow drop-hinge knuckle.

## RELIABILITY & QUALITY

Since 1981, Venco's underbody hoists are highly regarded in the industry and represent an excellent value. Venco offers a full line of underbody hoists designed for use with bodies ranging in lengths from 8" to 24" long, providing dumping capacities of 5 to 34 tons. Venco hoists are encapsulated in a durable abrasive and chemical resistant powder coating. When you purchase an underbody hoist from Venco, all necessary mounting hardware, fasteners, and body prop hardware are included. Venco hoists are covered under a 3 year product warranty.

## SPECIFICATIONS

<b>Lifting Capacities:</b>	8 - 14TONS
<b>Body Length:</b>	12 - 15 FT
<b>Cylinder:</b>	5"
<b>Stroke:</b>	20"
<b>Conversion Class:</b>	D
<b>Dump Class:</b>	40
<b>Mounting Height:</b>	7 - 1/2"
<b>Operation Pressure:</b>	3200/1000 PSI
<b>Subframe</b>	<i>(If applicable)</i>
<b>Mounting Height:</b>	7-1/2"
<b>Rail:</b>	4"
<b>ES/ED Power Supply:</b>	Electric 12V DC
<b>DM Power Supply:</b>	PTO
<b>Hydraulic Req:</b>	ES - 6 qt. reservoir ED - 4 qt. reservoir PTO - 9 qt. reservoir
<b>Weight:</b>	
<b>VC416:</b>	450 LBS
<b>VC416 w/ SF:</b>	570 LBS
<b>PTO Pump:</b>	SAE "A" 2-bolt flange, 5/8" - 9 Spline (CCW Rot.) w/ 9 qt. reservoir

## MAXIMUM LOAD CAPACITY CHART

CONVERSION APPLICATIONS VC520					
BODY	CA	OH	40° (TON)	45° (TON)	50°(TON)
12'	84"	30"	16.2	14.5	13.1
13'	84"	42"	18.9	16.9	15.3
13'	102"	24"	12.6	11.3	10.2
13'	108"	18"	11.3	10.1	9.2
14'	102"	36"	14.2	12.7	11.4
14'	108"	30"	12.6	11.3	10.2
14'	114"	24"	11.3	10.1	9.2
14'	120"	18"	10.3	9.2	8.3
14'	124"	14"	9.7	8.7	7.8
14'	126"	12"	9.5	8.4	7.6
15'	102"	48"	16.2	14.5	13.1
15'	108"	42"	14.2	12.7	11.4
15'	120"	30"	11.3	10.1	9.2
15'	124"	26"	10.6	9.5	8.6
15'	126"	24"	10.3	9.2	8.3
15'	138"	12"	8.7	7.8	7.0

DUMP BODY APPLICATIONS VC520 *					
BODY	CA	O.H.	40° (TON)	45° (TON)	50°(TON)
8'	-	12"	18.9	16.9	15.3
9'	-	12"	16.2	14.5	13.1
10'	-	12"	14.2	12.7	11.4

## ES/ED KITS

### (ES) ELECTRIC-SINGLE ACTING PUMP

- Power-Up, Gravity Down
- 6 qt. Reservoir
- 12V DC Electric/Hydraulic Power Unit
- Includes Hoses, Controls, Hydraulic Fittings, Pump & Tank Combo

### (ED) ELECTRIC-DOUBLE ACTING PUMP

- Power-Up, Power-Down
- 4 qt. Reservoir
- 12V DC Electric/Hydraulic Power Unit
- Includes Hoses, Controls, Hydraulic Fittings, Pump & Tank Combo

## DM/LDK KITS

### (DM) DIRECT-MOUNT PTO DRIVEN

- Power-Up, Power Down
- Pump: SAE "A" 2-bolt Flange, 5/8" - 9 Spline Shaft CCW Rotation (9 qt reservoir)
- Includes Hoses, Controls, Hydraulic Fittings

### (LDK) LESS DRIVE KIT

- **INCLUDES:** Mounting Kit, Rear Hinges & Scissors with Cylinder
- **DOES NOT INCLUDE:** Hoses, Controls, Hydraulic Fittings, Pump & Tank Combo

NOTE: Venco hoists are designed for and intended to be used on stationary trucks dumping on firm and level ground. Spreading applications and/or shock unloading are strictly prohibited and will void any warranty.  
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