



CONVERSION DUMP HOISTS VC416



CAPACITY RANGE
5 - 11 TON

BODY LENGTHS
8 - 12 FT

CONV. CLASS
B

DUMP CLASS
10

TRUCK FRAME
29" - 34"

FEATURES

■ VARIETY OF POWER OPTIONS

The VC416 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

Lifting Capacities:	5 - 11TONS
Body Length:	8 - 12 FT
Cylinder:	4"
Stroke:	16"
Conversion Class:	B
Dump Class:	10
Mounting Height:	5 - 3/4"
Operation Pressure:	3000/1000 PSI
Subframe	<i>(If applicable)</i>
Mounting Height:	7"
Rail:	4"
ES/ED Power Supply:	Electric 12V DC
DM Power Supply:	PTO
Hydraulic Req:	ES - 6 qt. reservoir ED - 4 qt. reservoir PTO - 9 qt. reservoir
Weight:	
VC416:	350 LBS
VC416 w/ SF:	450 LBS
PTO Pump:	SAE "A" 2-bolt flange, 5/8" - 9 Spline (CCW Rot.) w/ 9 qt. reservoir

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

MAXIMUM LOAD CAPACITY CHART

CONVERSION APPLICATIONS VC416				
BODY	CA	OH	45° (TON)	50°(TON)
8'	60"	6"	6.9	6.4
9'	60"	18"	8.0	7.4
9'	72"	6"	6.0	5.5
9' 6"	72"	12"	6.4	6.0
10'	60"	30"	9.7	8.8
10'	72"	18"	6.9	6.3
10'	84"	6"	5.4	5.0
12'	72"	42"	9.7	8.8
12'	84"	30"	6.9	6.3
12'	108"	6"	4.4	4.0

VC416 (SF) DUMP BODY APPLICATIONS *

BODY	O.H.	50°(TON)
8'	12"	7.1
9'	12"	6.1
10'	12"	5.3
12'	12"	4.3

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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