



HVT¹³



NEW POWER DELIVERED THROUGH A
TIP-TANK DESIGN

DIG SAFER | DIG FASTER | DIG SMARTER | DIG BETTER

| DIG SAFER

THE SINGLE OPERATOR LOCKOUT IS AMONG MANY FAIL-SAFES

The instant the Operation Cabinet door is opened, a sensor is triggered, disabling remote functions. When the risk of human error is high, due to multiple hands on the controls, this sensor prevents inadvertent harm to operators and equipment.



DIG FASTER |

DUAL EXTERNAL CYCLONES MAX YOUR CFM RATE

The dual bi-directional external cyclones are designed to reduce airflow resistance. As a result, your CFM rate soars. This creates greater suction force, which in turn allows you to dig faster by vacuuming debris at a greater speed than ever before*.



www.tornadotrucks.com/hvt-13

HVT₁₃

*Although capable of supporting up to 300 pounds, Tornado advises never using the boom as a crane or lifting device.



| DIG SMARTER

OFFLOADING VIBES

Existing at the base of the tank, is a pulsing vibrator that keeps your debris moving. By easily configuring the vibrators ON/OFF interval duration to any timeset, you can effectively loosen compact debris in the tank, to ease and accelerate your offload time.

DIG BETTER |

WE'VE ALL GOT A PREFERENCE FOR OUR TOOLS

Tipping our hats to those industry experts who prefer a tip tank design to a sloped tank, Tornado has released its first(-in-class) tip tank rig. Trusting our customers to make the call, we're offering the same renowned quality in a greater variety of options.



| HVT-13 COMPARISON

HVT



EF4



F-SERIES
F3 | CITY



F-SERIES
F4 | RURAL



STANDARD BLOWERS
5018 CFM 28 inHg

WATER PUMP
CAT 2565T13, 20 GPM @3000 PSI

WATER HEATER
Easy Kleen 440,000 BTU with SS coil

BOOM, TURRET & HOSE
8" Boom Hose, 26' Reach, 270° Rotation

DEBRIS DOOR
38.5° Tip Automatic Hydraulic Door & Latch

WINTERIZATION
12 USG

CABINETS
Secured Weather Resistant Cabinets

REMOTE CONTROL
Controls Dozens of Hydrovac Operations

VORTEX 2.0 SYSTEM
Included

STANDARD BLOWERS
6400 CFM 28 inHg

WATER PUMP
CAT 3650, Up to 25 GPM @3000 PSI

WATER HEATER
690,000 BTU, 12 Volt

BOOM, TURRET & HOSE
8" Boom Hose, 26' Reach, 342° Rotation

DEBRIS DOOR
48"x52" Hydraulic Door & Latch

WINTERIZATION
Glycol Pod & Water Recirculation Pump

VAN BODY
Cabinets & 70" Heated Enclosure

REMOTE CONTROL
Controls Dozens of Hydrovac Operations

VORTEX 2.0 SYSTEM
Included

STANDARD BLOWERS
3800 CFM 28 inHg

WATER PUMP
Up to 20 GPM @3000 PSI

WATER HEATER
690,000 BTU, 12 Volt & Full Diagnostics

BOOM, TURRET & HOSE
8" Boom Hose, 26' Reach, 342° Rotation

DEBRIS DOOR
48"x52" Hydraulic Door & Latch

WINTERIZATION
Glycol Pod & Water Recirculation Pump

VAN BODY
From 42" to 48" Heated Enclosure

REMOTE CONTROL
Controls Dozens of Hydrovac Operations

VORTEX 2.0 SYSTEM
Included

BLOWERS
3800-6300 CFM 28 inHg

WATER PUMP
Up to 20 GPM @3000 PSI

WATER HEATER
690,000 BTU, 12 Volt & Full Diagnostics

BOOM, TURRET & HOSE
8" Boom Hose, 26' Reach, 342° Rotation

DEBRIS DOOR
48"x52" Hydraulic Door & Latch

WINTERIZATION
Glycol Pod & Water Recirculation Pump

VAN BODY
From 42" to 70" Heated Enclosure

REMOTE CONTROL
Controls Dozens of Hydrovac Operations

VORTEX 2.0 SYSTEM
Included



HVT-13 SPEC SHEET |

OVERVIEW:

- Height: 11' 6" (138")
- Length: 37' 4" (448")
- Width: 8' 6" (102")

CHASSIS

- Horsepower: 500
- Wheelbase: 288"
- Transmission: Optional Standard or Automatic
- Front Tire Size: 425/65R22.5
- Rear Tire Size: 11R24.5
- Axle Configuration: Tridem

DEBRIS TANK & OFFLOADING

- Float Shut Off: Dual 8" unweighted SS float balls
- Door Pins / Lock Out: Automatic Door Safety Latches
- Debris Door Opening: 47 3/4" Width x 46" Height
- Debris Door Tip Angle: 38.5°
- Main Dump Door Valve: 6" Manual Gate Valve
- Secondary Dump Door Valve: 8" Manual Knife Valve
- Access to Top of Tank: DS Ladders, ISO 2867 Compliant with Collapsible Guardrail
- Level Indicators: 3 Clear Sight Glasses

VACUUM

- Blower Make and Model: Jurop Helix 1500
- Blower Flow Rate: 5018 CFM 27.8 inHg
- Vacuum Breaker: 10" air actuated butterfly valve

BOILER

- Model: Easy Kleen 420,000 BTU w/ SS coil
- Water Pump: Cat 2565T13
- Water Pump Max Pressure: 3000PSI
- Water Pump Max Flow Rate: 20 GPM

WINTERIZATION

- Winterization System Antifreeze Capacity: 12 USG

BOOM

- Boom Hose Diameter: 8"
- Boom Rotation Range: 270°
- Boom Lights: 2
- Remote Grease Lines: Yes
- Turret Cleanout: Yes
- Dig Tubes: 1 x 6" x 5' LG, composite, vactor flange
- Dig Extension Tubes: 2 x 6" x 5' LG, composite, vactor flange
- Flange Compatibility: Vactor (flat flange)
- Safety Tie Offs: Minimum of Two

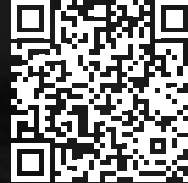
CABINETS:

- Interior Cabinet Lighting: 2 lights per cabinet
- Interior Toolbox Lighting: 1 light per cabinet
- Interior Light Actuation: Automatic actuation via door frame mounted sensor



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HVT-13
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