



Product Guide

SUBSURFACE UTILITY ENGINEERING & MAPPING



UTILITY LOCATING



SAFE DIGGING



LANDSCAPING, PLUMBING & MUNICIPAL



PERFORMANCE. PRECISION. PRODUCTIVITY.

TRUVAC® IS DEDICATED TO SAFE DIGGING

TRUVAC vacuum excavators are purpose-built to meet the most demanding safe-digging needs. To be more precise. Easier to use. Perform better. And they come with a wide range of sizes, options, and features to make sure you get the job done right.

This guidebook will give you a brief overview of TRUVAC's vacuum excavation equipment. Please visit our website and contact your local dealer or regional manager for more detailed product and warranty information or to request a demonstration.

IT'S ALL ABOUT DIGGING SAFE

Vacuum excavation, or non-destructive digging, is the preferred method for exposing subsurface utilities and the kind of safe digging that TRUVAC equipment delivers. Safe digging is the responsibility of every contractor and why proper planning, a call to 811 before you dig, and using the right excavating equipment is vital to worker and site safety.



SAFE & RELIABLE VACUUM EXCAVATION ACROSS MANY INDUSTRIES

Rising demand and opportunities in the vacuum excavator market continue to expand.

Our equipment provides hydro and air vacuum excavation to meet the needs and requirements of a wide-range of applications, across a diverse array of industries. Vacuum excavation increases work site safety and decreases the cost of digging by minimizing the risk and cost of utility strikes.



IT'S ALL ABOUT DIGGING SMART

Quality and performance make digging with TRUVAC smart. So does the safety. The productivity. The precision. TRUVAC vacuum excavators are the most dependable, advanced vacuum excavators in the industry. That's why digging with TRUVAC is digging smart.

We are committed to developing solutions to meet new and evolving uses for vacuum trucks across a variety of applications. We continuously develop our products, service, and support to insure your business and your operators are safe, productive, and precise at the jobsite.

UTILITY LOCATING

Vacuum excavators are used to perform non-destructive exposure of underground utilities, often called safe digging daylighting and potholing. Using either pressurized air or water to excavate around utilities with the utmost safety and efficiency to provide visual identification of underground facilities.

SUBSURFACE UTILITY ENGINEERING (SUE) & MAPPING

Locating underground utilities with non-destructive vacuum excavation meets the highest Quality Level A (QL-A) demanded by SUE providers. SUE standards, developed by the American Society of Civil Engineers, are designed to manage risks associated with utility coordination of billions of feet of buried utilities. To achieve the most precise utility information, test holing to expose the horizontal and vertical location of utilities must be performed using minimally intrusive excavation to minimize the potential for utility damage. When equipped with the optional Air Excavation Package, the TRUVAC Paradigm® digs potholes and backfills immediately with the vacuum excavated dirt. If air excavation isn't for you, TRUVAC offers a selection of hydroexcavation products meeting SUE's highest standards to safely excavate.

COLD WEATHER EXCAVATION

Cold weather digging is a process where pressurized heated water is injected into frozen soil to immediately thaw the surface frost and cut deeply through frozen ground, creating a slurry that can be quickly removed with an industrial vacuum. Hydroexcavation is the preferred method for eliminating winter downtime in sub-zero temperatures and harsh environments.

LANDSCAPING, PLUMBING, AND MUNICIPAL APPLICATIONS

Safe-digging applications are now easy to use in landscaping, plumbing, and municipal tasks such as the removal of non-hazardous liquids including flood water, drilling spoils, and catch basins. Safe digging avoids damage to plant and tree roots minimizing damage to hard-to-replace mature landscape plantings.

TRENCHING

Slot Trenching is the process of digging narrow trenches without disturbing the surrounding soil for utility installation, trench system structure, or existing underground utilities. This is practical when installing sprinkler and irrigation systems or locating and exposing underground utilities without the risk of damaging previously installed systems or lines. This method also makes it possible to dig trenches to specifications, minimizing the costs for backfill, concrete encasement, asphalt patching, and maintenance.

LATERAL REHAB

Across older infrastructure, cleanouts do not exist or are a challenge to locate. To keep the lateral repairs as trenchless as possible, municipalities will specify new cleanouts to be installed in conjunction with trenchless technology, using hydro excavation. Causing minimal to no disruption, lateral rehab is the less destructive way to reach rear easement sewers or facilities located below hardscaping. When installed, the cleanout gives the municipality and future utility contractors an access point to access the lateral, as well as the line if needed.



**THE TRUVAC PARADIGM IS COMPACT, LOW-PROFILE,
MULTI-PURPOSE, TOUGH, AND AVAILABLE IN A
NON-CDL CONFIGURATION**

TRUVAC® INNOVATION

DIGRIGHT® TECHNOLOGY

DigRight® is a patented technology that increases safety, adheres to industry recognized best practices, and allows you to focus on the job – all in the push of a button. Prevents pressure from exceeding site or industry requirements.



INNOVATION

PARK-N-DIG™

Park-N-Dig quick setup design minimizes the time between arriving on the job site and excavation. Operators can flip a single switch to begin operations.



DEDICATED TRAINING

We back up our vacuum excavators with a commitment to quality and service. We provide complimentary training to our customers. Training includes best practices, safe digging, and equipment maintenance.



TRUVAC® OPTIONS

ABRASION RESISTANT ELBOW™

The Abrasion Resistant Elbow™ is a highly abrasive-resistant 70° boom elbow developed for the most demanding vacuum excavation jobs. The extended wear provided by this new patent pending design will add service life and maximize productivity of your TRUVAC equipment.



DIG TUBE WITH MEASURING RULE

TRUVAC offers an easy-to-read dig tube with integrated measuring rule for all 6" or 8" diameter dig tubes. This high visibility ruler was developed with input from our customers.



REVEAL® NOZZLE

The Reveal is a high-performance, configurable straight jet hydroexcavation nozzle, designed to improve productivity. Due to less water needed, this nozzle makes digging easier and with less fatigue.



THE SHIELD™

This patented connector maximizes operator productivity on the job. The Shield is a removable cover protecting connector couplings from becoming inoperable with excavation spoils, prone to lodging in the joint.



OPTIONS

TRUVAC® FEATURES

MAXIMUM VERSATILITY

- Numerous axle configurations and debris body sizes.

VACUUM SYSTEM CHOICES

- Wide range of types, flow, and pressure ratings available.

MAXIMUM STORAGE

- Multiple storage options for a variety of applications.



CAPABILITIES

- Hydro Excavation
- Air Excavation
- Potholing/Daylighting to locate underground utilities
- Keyholing for HDD installations
- Slot Trenching
- Cleanup of flood water, drilling spoils, catch basins, construction sites
- Valve box repairs
- Removal of non-hazardous liquids

PARADIGM®

COMPACT, LOW-PROFILE,
MULTI-PURPOSE AND TOUGH



AVAILABLE CONFIGURATIONS



3
CUBIC YARDS



300
GALLONS STANDARD



2,200 cfm
BLOWER



15" Hg
VACUUM RATING

PARADIGM SPECS:

| | |
|---------------------|------------------------------------|
| DEBRIS CAPACITY | 3 yd ³ |
| DEBRIS BODY | 50° tilting |
| WATER TANK CAPACITY | 300 gallons standard |
| BLOWER | 2,200 cfm |
| VACUUM RATING | 15" Hg |
| WATER SYSTEM | 8 gpm @ 3000 psi with DigRight® |
| CHASSIS | Class 6 non CDL or Class 7 |
| LENGTH | 27.2 ft or 326 in |
| WIDTH | 8.5 ft or 101 in |
| HEIGHT | 10.8 ft or 128 in |
| GVW WEIGHT (EMPTY) | Variance Based on Chassis |
| BOOM | 6", 17 ft extension, 195° rotation |

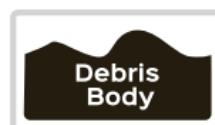
PARADIGM



LARGER LOAD, SMALLER TRUCK,
MORE PROFITABLE JOBS



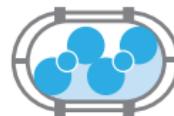
AVAILABLE CONFIGURATIONS



10
CUBIC YARDS



800
GALLONS STANDARD



3,200 cfm
BLOWER



16" Hg
VACUUM RATING

FLXX SPECS:

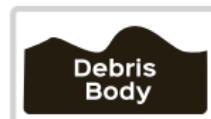
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| DEBRIS CAPACITY | 10 yd ³ |
| DEBRIS BODY | 50° tilting |
| WATER TANK CAPACITY | 800 gallons standard |
| BLOWER | 3,200 cfm |
| VACUUM RATING | 16" Hg |
| WATER SYSTEM | 10 gpm @ 3000 psi with DigRight® |
| CHASSIS | Class 8 |
| LENGTH | 28 ft or 336 in |
| WIDTH | 8.6 ft or 104 in |
| HEIGHT | 13 ft or 156 in |
| GVW WEIGHT (EMPTY) | Variance Based on Chassis |
| BOOM | 6", 22 ft extension, 340° rotation |



ORIGINAL FULLSIZED VAC WITH PROVEN PERFORMANCE



AVAILABLE CONFIGURATIONS



12,15
CUBIC YARDS



1,200
GALLONS STANDARD



4,460-6,176 cfm
BLOWER

OR



FAN



18-28" Hg
VACUUM RATING

HXX SPECS:

| | |
|---------------------|--|
| DEBRIS CAPACITY | 12 yd ³ or 15 yd ³ |
| DEBRIS BODY | 50° tilting |
| WATER TANK CAPACITY | 1,200 gallons standard |
| BLOWER | 4,970 cfm - 6,176 cfm |
| VACUUM RATING | 18" - 28" Hg |
| WATER SYSTEM | 10 or 20 gpm @ 3000 psi with DigRight® |
| CHASSIS | Class 8 |
| LENGTH | 30.6 ft or 366 in |
| WIDTH | 8.6 ft or 104 in |
| HEIGHT | 13 ft or 156 in |
| GVW WEIGHT (EMPTY) | Variance Based on Chassis |
| BOOM | 8", 22 ft extension, 320° rotation |

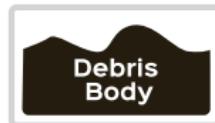
HXX



PEAK PERFORMER IN A CLASS OF ITS OWN



AVAILABLE CONFIGURATIONS



12,14
CUBIC YARDS



1,200
GALLONS STANDARD



5,250 cfm
BLOWER



27" Hg
VACUUM RATING

APXX SPECS:

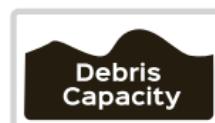
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|---------------------|--|
| DEBRIS CAPACITY | 12 yd ³ or 14 yd ³ |
| DEBRIS BODY | 50° tilting |
| WATER TANK CAPACITY | 1200 gallons standard |
| BLOWER | 5,250 cfm |
| VACUUM RATING | 27" Hg Tri-Lobe blower @ 5,250 cfm |
| WATER SYSTEM | 10 or 20 gpm @ 3000 psi |
| CHASSIS | Class 8 |
| LENGTH | 34 ft or 408 in |
| WIDTH | 8.6 ft or 104 in |
| HEIGHT | 13.3 ft or 160 in |
| GVW WEIGHT (EMPTY) | Variance Based on Chassis |
| BOOM | 8", 24.5 ft extension, 320° rotation |



EASY TO LEARN. EASY TO OPERATE.
EASY TO MAINTAIN.



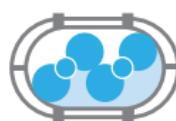
AVAILABLE CONFIGURATIONS



**500 or 800
GALLONS**



**200 or 400
GALLONS**



**1000 cfm
BLOWER**



**15" Hg
VACUUM RATING**

TRXX SPECS:

| | |
|---------------------|---------------------------------------|
| DEBRIS CAPACITY | 500 gallons / 800 gallons |
| DEBRIS BODY | 50° tilting |
| WATER TANK CAPACITY | 200 gallons / 400 gallons |
| BLOWER | 1,000 cfm |
| VACUUM RATING | 15" Hg |
| WATER SYSTEM | 5 gpm @ 3000 psi |
| HITCH TYPE | Pintle |
| LENGTH | 20.3 ft / 22.4 ft |
| WIDTH | 8.2 ft |
| HEIGHT | 8.5 ft |
| GVW WEIGHT (EMPTY) | 14,000 lbs / 20,000 lbs |
| BOOM | 4", 16.25 ft extension, 170° rotation |

TRXX

SERVICE & TRAINING

TRUVAC SERVICE TEAM

Our service team provides assistance to customers and dealers 24 hours a day, 7 days a week.



If it is after normal business hours and the closest dealer to you does not have a 24-hour line, your call will be transferred to a factory service technician.

- **North America: 877-342-5374**
or (877-DIAL-ESG)
- International: +1-847-741-4330

SERVICE CLOUD



Your equipment represents a significant investment for your community or business. If you're a TRUVAC owner looking for the latest on parts or service bulletins, technical information, warranty information, and more, you'll find it in our Service Cloud. Visit truvac.com/parts-service to access the Service Cloud on our Parts & Service webpage.

VACUUM EXCAVATOR TRAINING



To help you and your team get the most from all the performance features we build into our equipment, TRUVAC offers a comprehensive training program that includes hands-on classes on operation, maintenance and service.

PRODUCTS THAT PERFORM. SUPPORT YOU DESERVE.

It's not just our innovative technology and dependability that makes digging with TRUVAC vacuum excavators the smart choice. We back up our vacuum excavators with a commitment to quality and service.

We have over 100 dealer locations with factory-trained technicians. That adds up to a lot of know-how. Whether we're training at our manufacturing facility in Streator, Illinois, online in a virtual class, or on the road with our excavator training roadshow, we take pride in making sure our team knows how to keep your vehicle running at max performance levels.

PRODUCT SUPPORT

**LEARN MORE
VISIT TRUVAC.COM**



**TRUVAC APXX IS BUILT FOR PEAK PERFORMANCE IN
RUGGED CLIMATES & ENVIRONMENTS**



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TRUVAC.COM

Specifications subject to change without notice. Some products shown with optional equipment.
TRUVAC® is a registered trademark of Vactor Manufacturing, LLC. Products may be covered by
one or more United States Patents and/or pending patent applications. Vactor Manufacturing
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symbol FSS.

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