



**YOUR SPECIALTY
INDUSTRIAL &
ENVIRONMENTAL
SERVICES PROVIDER**



**PRESSURE, VACUUM &
FLUID TRANSPORTATION**



SPECIALIZED FLEET OF EQUIPMENT

- Dry Vac Trucks
- High Pressure Trucks
- High Volume High Pressure Trucks
- Hot Oiler Trucks
- Hydrovac Trucks
- Potable Water Trucks
- Seal Sour Trucks
- Semi-Vac Trucks
- Sewer Flusher Trucks
- Steamer Trucks
- Super B Trucks
- Super Heater Trucks
- Tanker Trucks
- Ultra-High Pressure Trucks
- Water Trucks
- Wet Vac Trucks

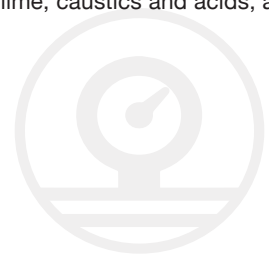


PRESSURE, VACUUM & FLUID TRANSPORTATION

We deliver the safest and most effective pressure, vacuum and fluid transportation services to support critical operations at our clients' facilities. Our equipment and crews are sized to fit our clients' needs. We are quickly scalable with the capacity to safely execute day-to-day jobs to full turnaround solutions.

CEDA works with state-of-the-art industrial cleaning equipment, which includes automated external and internal bundle blasting, semi-automated tank cleaning equipment and semi/fully automated exchanger cleaning systems.

Our large fleet of TDG and DOT compliant pressure and vacuum units have the capability to remove a range of wet or dry materials from industrial sites including sands, hydrocarbon, sludge, cement, lime, caustics and acids, and flammable liquids (solvents).



SERVICES

- High Pressure Water Blasting
- Ultra-High Pressure Cleaning
- Wet & Dry Vacuum
- Hydro Excavation
- Exchanger & Vessel Cleaning Applications
- Sewer Flushing & Mobile Steaming
- Fluid Hauling & Disposal
- Potable Water Delivery
- Hot Oiling Well Stimulation

HIGH PRESSURE WATER BLASTING

CEDA owns the largest fleet of high pressure pumps in Canada. The pumps have pressures ranging from 10,000 to 40,000 PSI with 150 to 750 HP. Automated high pressure water blasting removes the toughest products from vessels, components, exchangers, parts, etc. safely, quickly and efficiently. The process is environmentally friendly as high pressure water is able to break the chemical bonds of dirt without harsh chemical cleaners or solvents.

ULTRA-HIGH PRESSURE CLEANING

CEDA specializes in ultra-high pressure cleaning services. Working with manufacturers, CEDA has built customized equipment that allows cleaning with higher pressures while using lower volumes of water. This combination allows CEDA to work quicker and safer while using less water. CEDA's ultra-high pressure equipment removes unwanted deposits from: vessels; tanks and lines; heat exchangers; reactors; boilers; separators and evaporators; cooling tubes and condensers; and fin fan tubes. Advantages of ultra-high pressure cleaning include no penning of surfaces, no material erosion or damage to downstream equipment, and minimal cleanup time and disposal costs.

CEDA also provides ultra-high pressure abrasive water cutting services, which uses a 40,000 PSI intinuation and positive displacement pumping unit in combination with specialty linear and radius cutting systems to meet a range of industrial needs. CEDA has the capability to cut exact lines on plain surfaces, around pipes, or on curved surfaces as well as cutting beveled edges to assist with repairs.

WET & DRY VACUUM

CEDA wet and dry units are able to vacuum an array of dry material including sands, fly ash, potash, urea and other products and can be equipped with HEPA filter systems to remove ceramic fibers. These vacuum units have a capacity of up to 6,000 CFM and 27" vacuum. Our wet vacuum units are equipped with scrubbing cartridges capable of removing up to 70 different types of toxic vapours. CEDA's tri-axle vacuum units are ideal for transporting bulk fluids to off-site locations.

HYDRO EXCAVATION

CEDA "big blower" hydrovac units contain the latest technology and use a combination of high pressure hot water and a powerful vacuum for precision excavation – typically at sites where there are buried pipes and cables. Hydro excavation is a non-destructive process that replaces backhoes or hand digging to expose underground lines quickly and safely. Our hydrovac units use pressurized water and a vacuum to remove soil without damaging even the most sensitive facilities, including fibre optic cables, electrical line and PVC pipe. CEDA hydrovac units were custom built on tri-axle truck chassis and have a capacity of 4 m³ of water and 8 m³ of debris. CEDA offers both standard and DOT/TDG certified units.





EXCHANGER & VESSEL CLEANING APPLICATIONS

CEDA offers complete blind-to-blind exchanger services from initial mechanical support of blinding, component removal, pulling, cleaning, repair, inspection and re-instating. Using state-of-the-art extraction and cleaning technologies, we are able to provide more efficient and cost-effective exchanger solutions. CEDA has the capability to use a multi-lance system (up to 5 lances at 40,000 PSI) to significantly lower cleaning time per tube. Our automated tank cleaning tools ranging from 10,000 to 20,000 PSI with volumes up to 240 gallons per minute are ideal for vessel cleaning applications.

SEWER FLUSHING & MOBILE STEAMING

CEDA custom-built sewer flushing units are more efficient and cost-effective than standard units. Our units produce 160 gallons a minute at 2,500 PSI versus 65 gallons a minute at 2,500 PSI, hence significantly reducing cleaning time and reducing costs.

FLUID HANDLING & DISPOSAL

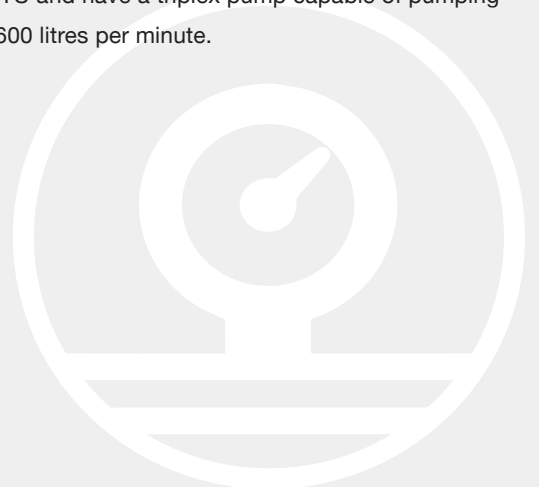
Our fleet of fluid hauling units and equipment are capable of clean or dirty work. We also have high volume pumping equipment that completes fluid transfers in minimal time. Our units are available 24 hours a day.

POTABLE WATER DELIVERY

CEDA has the equipment and capacity to deliver bulk potable water for a variety of applications. Our water trucks are tested regularly and certified for transporting potable water.

HOT OILING WELL STIMULATION

CEDA owns a number of super heater and hot oiler units. These units are designed to heat water and have the ability to pump fluids such as oil, water, chemicals and stimulants that are under high pressure. CEDA super heater units are capable of heating water up to 7.5 million BTU. These units are equipped with two centrifugal pumps and have a differential of 40 to 55 degrees Celsius. CEDA hot oiler units are capable of 5.5 million BTU and have a triplex pump capable of pumping fluids up to 600 litres per minute.





Specializing in
industrial maintenance,
turnaround and
environmental services.



CEDA's talented and experienced team is committed to providing world-class solutions to help clients maximize production, mitigate risk and avoid costly outages, always with safety top of mind.

We operate across North America delivering more than 120 distinct services and products to support oil and gas, pipeline, power, pulp and paper, chemical, mining, municipal and steel industrial facilities. For over 45 years, CEDA has been bringing innovative technologies, equipment and processes into the field to ensure the success of our clients' projects.

CEDA PROVIDES INTEGRATED SOLUTIONS FOR:

Commissioning & Startup

CEDA's pre-commissioning, commissioning and startup services for new build or facility expansion projects are multi-disciplinary, where we interface between construction and operations to verify work based on project specifications. We manage the relevant punch list across hydro-testing, cleaning, commissioning and remaining mechanical activities. CEDA is able to complete the static testing of equipment up to the issuance of ready for commissioning certificates.

Turnarounds & Outages

CEDA has the experience and expertise to support the supply and management of integrated turnaround and outage related services including mechanical, chemical cleaning, pressure and vacuum, fabrication, heat exchanger cleaning and repair, or any combination thereof. We support the most demanding schedules with multiple dayshift and nightshift crews in various locations.

Operations & Maintenance

CEDA offers a wide range of comprehensive operation and maintenance services focused on the breadth of mechanical and industrial cleaning activities. Our experience and footprint across Canada has resulted in effective strategies to address the ever-changing needs of our clients. We are capable of working on-site as well as providing maintenance and repairs to live operating units in a safe and timely manner without unplanned disruptions.

Sustaining Projects

CEDA is a complete service provider for sustaining project activities from off-site fabrication of piping, pressure vessels, modules, and packaged equipment to site installation, commissioning and startup. What sets CEDA apart is our ability to provide multiple mechanical and industrial cleaning services, therefore, limiting the number of subcontractors.



Integrated or Stand-Alone

CEDA's service and product lines work as an integrated offering or independently.

CEDA'S CORE SERVICES & PRODUCTS



PRESSURE, VACUUM &
FLUID TRANSPORTATION



CHEMICAL CLEANING



TANK MAINTENANCE & CLEANING



PIGGING & DECOKING



EXCHANGER SERVICES



MECHANICAL & FABRICATION



MANUFACTURING &
PROCESS EQUIPMENT



PROJECT SERVICES



DREDGING & FLUID MANAGEMENT

