

Sales

Parts & Service

Rentals

Training

EQUIPMENT CORPORATION OF AMERICA

Equipment Guide

Since 1918





PROVEN EXPERTISE

Diverse Product Line

Best-In-Class Service

Specialized Knowledge

ECA has been a leading supplier of foundation construction equipment for more than a century. We are the exclusive distributor for BAUER Drilling Rigs, KLEMM Anchor and Micropile Drilling Rigs, RTG Piling Rigs, and BAUER MAT Slurry Handling Systems. We also distribute HPSI Vibratory Pile Hammers, WORD International Drill Attachments, Pileco Diesel Hammers, Dawson Construction Products, ALLU Ground Improvement Equipment, Pile Master Air Hammers, DIGGA auger drives, Furukawa Rock Drills, Boart Longyear Surface Core Drills and Olin Concrete Pumps. ECA offers sales, rentals, service, parts and training from 11 facilities throughout the Eastern U.S. and all Canadian Provinces.

ECA is consistently represented on nearly every major and high profile project across the U.S. and Canada, and in a variety of capacities. Our success stems from the diversity of our product lines, our best-in-class service and our specialized knowledge to adapt equipment to a variety of projects.

This knowledge and demonstrated success has placed our employees and equipment in crucial roles when and where they are needed the most. From the Conowingo Dam in 1928 to Ground Zero, levee restoration in the Gulf after Hurricane Katrina, and the post-collapse replacement of the Mississippi River Bridge in Minneapolis, ECA has always been there.

MANUFACTURERS



TECHNOLOGIES + APPLICATIONS

Foundation Drilling Equipment

- Foundation Cranes
- Large Diameter Drills
- Hydraulic Crawler Drills
- Caisson Drills
- Tie-Back Drills
- Micropile Drills
- Small Bore Drills
- Top Drive Augers
- Rock Drills
- Crane Mount Drills
- Excavator Mounted Drills

Drilling Accessories

- Augers
- Core Barrels
- Drilling Buckets
- Temporary Casing
- Overburden Drill Systems
- Rotary Percussive Drill Tools
- Down the Hole Hammers (DTH)
- Clean-out Buckets
- Slurry Handling Equipment
- Grouting Equipment
- Concrete Pumps

- Pumps
- Drill Teeth
- Soil Mixing Equipment

Pile Driving Equipment

- Diesel Pile Hammers
- Hydraulic Impact Hammers
- Air Impact Hammers
- Vibratory Pile Hammers
- Lead Systems
- Helmets & Accessories
- Pile Extractors

Piling Rigs

- Telescopic Mast
- Fixed Mast
- Vibratory Hammers
- Rotary Drills (CFA Predrilling)
- Hydraulic Impact Hammers
- Deep Stabilization

Crane Attachments

- Oscillators
- Hydraulic / Mechanical Grabs
- Clam Shell Buckets
- Load Blocks
- Rotary Drill Tables

- Fly Drill
- Depth Vibrators
- Leader Systems
- Dynamic Compaction
- Cutter Systems

Applications

- Kelly
- Full Displacement Piling (FDP)
- Continuous Flight Auger (CFA)
- Cased Continuous Flight Auger (CCFA)
- Single Column Mixing (SCM & SCM-DH)
- Cutter Soil Mixing (CSM)
- Stone Columns (VIPAC & VD)
- Jet Grouting (HPI)
- BAUER Dynamic Compaction
- Micropiles
- Low Headroom/Limited Access
- Tiebacks
- Soil Nails
- Vibrated Concrete Columns (VCC)
- Separation & Slurry Handling
- Grouting
- Slurry Mixing & Injection
- Diaphragm Wall (w/ Cutter & Grab)

Find out how we can build a foundation together.

1 800 PILE USA -or- ecanet.com



BAUER

Applications

Kelly

Cased Kelly

Continuous Flight Auger (CFA)

Full Displacement Piling (FDP)

Cased Continuous Flight Auger (CCFA)

Front of Wall (FOW)

Single Column Soil Mixing (SCM & SCM-DH)

Cutter Soil Mixing (CSM)

Vibro Displacement (VD)

Vibro Concrete Columns (VCC)

Jet Grouting (HPI)

Low Headroom



BAUER Maschinen GmbH is an international machinery manufacturing organization based in Schrobenhausen, Bavaria.

As the world market leader, Bauer offers an extensive range of machinery, equipment and tools for specialty foundation engineering and mining and is highly regarded for the performance, quality and continuous innovation of its specialized foundation engineering equipment.

Bauer and its subsidiaries manufacture rotary drilling rigs, anchor drilling equipment, trench cutters, pile driving equipment, deep drilling rigs, geothermal drilling rigs, mixing plants and blast-hole drilling rigs.



Kelly
Cased Kelly Drilling



CFA
Continuous Flight Auger



CSM
Cutter Soil Mixing



FDP
Full Displacement Pile



CCFA
Cased Continuous Flight Auger



SCM
Single Column Mixing

**SCAN TO VIEW
BAUER DRILL RIGS:**





RTG

Based on innovation, experience, technical know-how and deployment of the most advanced technology, RTG has developed a line of powerful equipment that sets high standards for high frequency, fixed and telescopic leader piling rigs.



RTG
RAMMTECHNIK GMBH

Applications

- Hydraulic Vibratory Hammers
- Impact Hammers (Hydraulic & Diesel)
- Stone Columns (VIPAC & VD)
- Single Column Soil Mixing (SCM & SCM-DH)
- Multi Shaft Mixing (MSM)
- Cutter Soil Mixing (CSM)
- Front of Wall (FOW)
- Continuous Flight Auger (CFA)
- Full Displacement Piling (FDP)
- Kelly
- Cased Kelly
- Sheet Pile Press
- Vibro Concrete Columns (VCC)



RG 16T

VIBRATORY



RG 18S

VIPAC



RG 22S

CSM
Cutter Soil Mixing



RG 21T

Hydraulic Impact Hammer



RG 27S

FOW
Front of Wall



RG 27S

MSM
Multi Shaft Mixing

**SCAN TO VIEW
RTG PILING RIGS:**





KLEMM

KLEMM **Bohrtechnik**

Klemm is a world leader in the development and manufacturing of hydraulic anchor drilling rigs, mini and micro pile drilling rigs, and drilling accessories for all types of special foundation construction.

Applications

- Micropiles
- Low Headroom/Limited Access
- Tiebacks
- Soil Nails
- Hollow Bars
- Helical Anchors & Piles
- Grouting (Compaction, Permeation, etc.)
- Jet Grouting (HPI)
- Continuous Flight Auger (CFA)
- Pre-drilling
- Geothermal
- Single or Double Head Drilling
- Rotary Percussion Drilling
- Down the Hole Hammer (DTH)



702-2R

LOW OVERHEAD



801-3G

DOWN THE HOLE



805-3G

PREDRILLING



806-5G

MICROPILES



807-7G

SOIL NAIL WALL

**SCAN TO VIEW
KLEMM DRILL RIGS:**



**MAT**

Slurry Handling Systems

MAT designs, develops and manufactures state-of-the-art machinery and plant systems for mixing, pumping and separating slurries for all specialized foundation engineering, tunneling, and construction material production requirements.

The Obermann line of pumps are manufactured for grouting and post-grouting applications such as anchors and micropiles.

**OBERMANN
MAT**

Applications

Separation and Slurry Handling

Grouting

Slurry Mixing & Injection

Pumps

Soil Stabilization



**SCAN TO VIEW
BAUER MAT AND OBERMANN PRODUCTS:**





Bauer Cranes



Expertise earned from decades of experience in specialist foundation engineering, coupled with innovative design capability and meticulous workmanship in state-of-the-art production facilities, make the BAUER MC duty-cycle cranes the premier choice for foundation engineering professionals. The exceptional strength of these cranes is a result of Bauer's intense focus on specialist foundation engineering.

Applications

Diaphragm Wall (with Cutter & Grab)

Spherical Grab with Oscillator

Mechanical and Hydraulic Grab

BAUER Dynamic Compaction (BDC)

Single Pass Vertical Leader

Continuous Flight Auger (CFA)

Full Displacement Piling (FDP)

Single Column Soil Mixing (SCM)

Hydraulic Impact Hammers

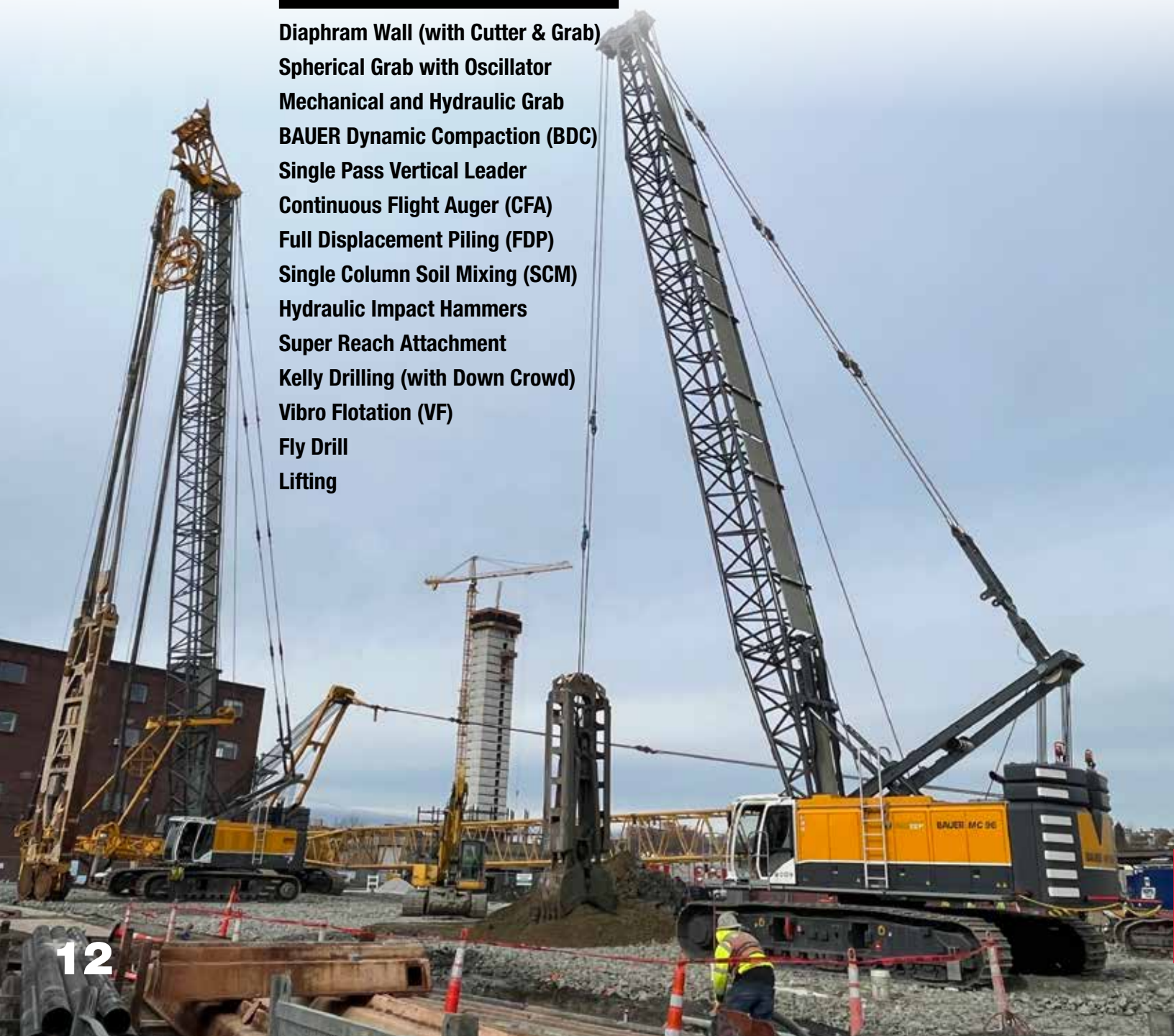
Super Reach Attachment

Kelly Drilling (with Down Crowd)

Vibro Flotation (VF)

Fly Drill

Lifting



MC 76



Diaphragm Wall
DHG V Hydraulic Grab

MC 96



Kelly Drilling
SRA 400 (Super Reach Attachment 400)

**SCAN TO VIEW
BAUER CRANES:**





Parts & Service



EXPERT SERVICE SOLUTIONS

In addition to carrying world-class equipment, ECA provides a broad range of services to keep your equipment up and running so you can complete your projects on time and on or under budget. ECA's team of expert technicians are equipped with the right tools and knowledge to take on any service challenge.

OUR SERVICES INCLUDE:

- *Kelly Bar Repair*
- *Tool & Casing Repair*
- *Gearbox/KDK Repair*
- *Rigging/De-rigging*
- *Routine Service/Maintenance*
- *Equipment Troubleshooting*
- *Service to diesel hammers, vibratory hammers*
- *Short and Long Term Service Contracts*
- *Factory Trained Technicians*

PARTS AVAILABILITY

ECA carries an extensive inventory of spare parts and accessories for each line of equipment we represent. We have a team behind the scenes that assesses parts needs based on equipment in the territory and strategically places inventory at branches to best limit downtime for our customers. We also have an internal Product Support Team, or the PRO Team, who provide expert level advice when dealing with even the toughest of job-site situations.



**SCAN TO VIEW
OUR PARTS & SERVICE SOLUTIONS:**

Bauer Service Team • Training

ECA

ECA has qualified engineers on hand to help support your project to a successful completion. ECA's BAUER Service Team and KLEMM Service Team were assembled to expertly advise our customer's on their foundation construction projects.

From initial project consultations through the various stages of your projects, our expert engineers are just a phone call away to help you determine or fine-tune strategies, and work through unanticipated issues involving specific equipment or work-site conditions. Whatever the situation, we're here to make sure you succeed.



**SCAN TO
VIEW OUR
TRAINING
PAGE**



ECA is a proud BAUER Certified Training Partner. Our field-experienced instructors are qualified to teach and certify both operators and technicians in several different BAUER training programs. We also offer customized training programs tailored to fit your needs.

In addition to our BAUER certifications, ECA is one of the first companies to have a staff member certified to offer NCCCO practical training and conduct certification examinations for both foundation drill rigs (FDR) as well as anchor/micro-pile drill rigs (AMP).



CFA Academy 2023

**SCAN TO FIND
A SPECIALIST**





HPSI

Hydraulic Power Systems, Inc. custom designs and manufactures high quality, reliable and long lasting hydraulic systems for vibratory pile hammers, hydraulic impact hammers, hydraulic augers and other foundation construction equipment.



H90VT

Applications

- Hydraulic Vibratory Hammers
- Top Drive Rotary
- Custom Power Packs
- Vibratory Dampeners



300XL



**SCAN TO VIEW
HPSI HAMMERS**

Air Hammers *by* PILE MASTER

Originally built for the dock building industry, Pile Master air hammers are designed for driving Timber, H-Pile, Pipe, and pre-stressed Concrete piles. These hammers can be guided for use with 21" or 26" pile driving leads or freely suspended with an extended base. With an optional sheet pile adapter, the Pile Master is also a great choice for driving steel sheet piles in soil conditions where a vibratory hammer cannot drive the sheets to the required depth. Pile Master air hammers are known for their efficiency—producing up to 90% energy transfer into the pile while using an air compressor as small as 185 CFM.

Applications

Air Impact Hammers

Dock Building

Pile Leads

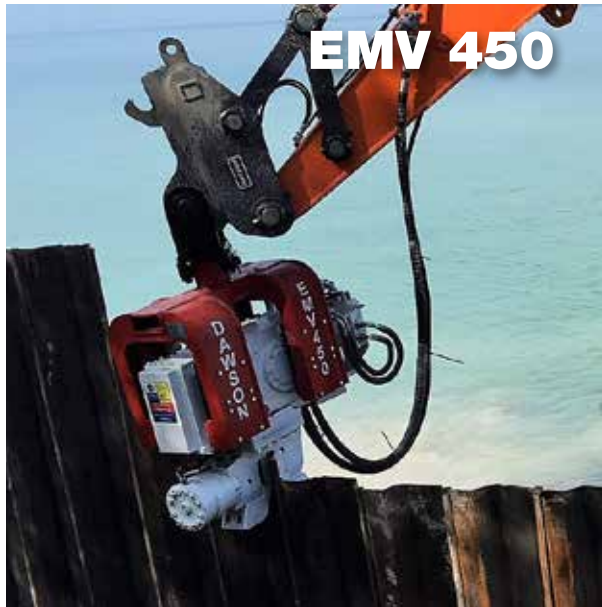


**SCAN TO VIEW
PILEMASTER HAMMERS**





Dawson



EMV 450



Dawson Construction Plant, Ltd. is one of the world's leading suppliers of pile driving equipment. Dawson hydraulic impact hammers and power packs are fast and effective in driving piles in all soil conditions. Dawson excavator mounted vibros are compact, robust and reliable.

Applications

Hydraulic Impact Hammers

Excavator Mounted Vibratory Hammers

Sheet Pile Capping Systems

Quick Release Shackles



HPH 2500



**SCAN TO VIEW
DAWSON HAMMERS**

D 30**D 180**

Pileco is a leading global provider of foundation equipment and support to the foundation construction industry with over 45 years of experience in service, rentals and technical support for a superior fleet of products including pile driving equipment, parts, diesel hammers, hydraulic hammers, vibratory hammers, power units and lead systems.

Applications

Diesel Impact Hammers

Pile Leads

**SCAN TO VIEW
PILECO HAMMERS**





Digga



Digga is a world leader in auger and anchor drive technology and has been manufacturing drives and augers since 1981. The company provides drilling and anchoring solutions for skid steer loaders, excavators up to 90 ton, truck cranes, backhoes, telehandlers, tractors, and mini loaders. It also provides augers, mounting frames, torque monitors, wearparts and extensions.



Applications

Rotary Drives

Excavator & Skid Steer Drilling Attachments

Helical Anchors & Piles

Pre-Drilling

Low Headroom

Limited Access



**SCAN TO VIEW
DIGGA PRODUCTS**



WORD International custom designs hydraulic or pneumatic rock drilling attachments to fit virtually every drilling application using your existing Excavator, Skid Steer or stand alone Wagon Drill. The WORD International product line offers a reliable and economical solution for drilling soil nails, tie-back anchors and limited access micro piles.



EX 560



EX 125

Applications

- Excavator & Skid Steer Drilling
- Attachments Rock Drilling
- Micropiles
- Tiebacks
- Soil Nails
- Hollow Bars
- Helical Anchors & Piles
- Limited Access
- Solar
- Rotary Percussion Drilling
- Down the Hole Hammer (DTH)

**SCAN TO VIEW
WORD PRODUCTS**





Olin Pump



American owned and operated since 1980, Olinpump manufactures world-class pumps for a variety of applications. With a full line of S-tube and ball valve pumps from 25-170 YPH, Olinpump pumps are some of the most efficient means of placing high strength 0.5 inch minus mixes up to 50 percent aggregate for vertical poured in place applications. Many Olinpump models are known for their ability to pump lean performance mixes that other small line pumps can't. Olin pumps are excellent for the application of shotcrete, a type of concrete that is pneumatically projected at a high velocity onto a surface.



Applications

Grout Pumping
Concrete Pumping
Shotcrete



**SCAN TO VIEW
OLIN CONCRETE PUMPS**





ALLU designs, manufactures and sells products that add value to customers in numerous applications for processing, separating, sorting, mixing and crushing materials. Typical applications include soil and waste material recycling, processing contaminated soil, and transforming waste to usable material. Its attachments are designed to operate in demanding environments on demanding materials. For over 30 years, its products have been known for their quality, reliability and efficiency.

Applications

Ground Improvement and Stabilization

Soil Mixing

Soil Remediation

Screening Buckets



PMX 300HD



PF 7+7



Screening Buckets

**SCAN TO VIEW
ALLU PRODUCTS:**





Furukawa



HCR L90



Furukawa Rock Drill (FRD) USA is a leading manufacturer of blasthole drills, breakers and other attachments for compact utility loaders, skid steers, mini excavators, backhoes and excavators. The Furukawa Rock Drill Division offers a complete line of blasthole drills and accessories for construction and quarry sites. Furukawa drills are equipped with the latest innovations to ensure reliability, safety and ease of operation, including heavy duty undercarriages, high output compressors and dust collectors, advanced hydraulic and pneumatic systems and comfortable cabs.



HCR L110

Applications

Rock Drilling
Quarry Drilling
Blasthole Drilling
Pre-Drilling



**SCAN TO VIEW
FURUKAWA DRILLS:**



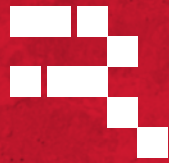
Boart Longyear designs and manufactures some of the most technologically advanced production products in the industry. For proven reliability and productivity, count on Boart Longyear's chuck drive coring drill rigs for more uptime and more meters.



LF90D



**SCAN TO VIEW
BOART**



RIDGELINE EQUIPMENT LTD.

an ECA Canada Company



RIDGELINE EQUIPMENT LTD.

an ECA Canada Company

Ridgeline Equipment is western Canada's premier heavy equipment field service team. We specialize in heavy equipment field service, preventative maintenance, and 24-hour emergency on-call service.

We also offer remanufacturing and rebuilding programs for all heavy equipment components such as engines, transmissions, torque converters, final drives, and hydraulic cylinders. In addition, we offer custom fabrication and welding repairs.

Founded in 2016, Ridgeline offers customers the most comprehensive solutions in the mobile heavy equipment repair sector. We are a trusted source for full coverage from job planning to completion throughout western Canada.



**SCAN TO VIEW
RIDGELINE EQUIPMENT**



"Our one-stop-shop approach saves you valuable time, eliminating the hassle of securing quotes and managing the financing process."

Anja Frazier
CEO of BFINS



FINANCIAL SERVICES

Bauer Financial Services (BFINS) combines robust financial expertise with a deep knowledge of the foundation construction industry. BFINS understands the challenges you face when a new project comes your way and the vital role financing plays in acquiring that critical piece of equipment. Without the very best equipment—and the financing to pay for it—you can't bid on the job.

ECA works closely with BFINS. Their team of finance specialists make equipment acquisition easy across the entire range of Bauer Group products.

**SCAN TO VIEW
BFINS**





Pittsburgh
412 264 4480



NY/NJ
732 528 5477



Philadelphia
610 626 2200



Greensboro
336 854 1220



Washington
301 599 1300



Toronto
905 640 9800



Jacksonville
904 284 1779



Calgary (Ridgeline)
403 701 6013



Boston
508 821 4450



Vancouver
800 760 0925



Milwaukee
262 345 5715

RESOURCES

Used Equipment for Sale



ECA Resource Center



Credit and Billing



Careers Page



ECA Media Center



Bauer CustomerCenter



ECA on LinkedIn

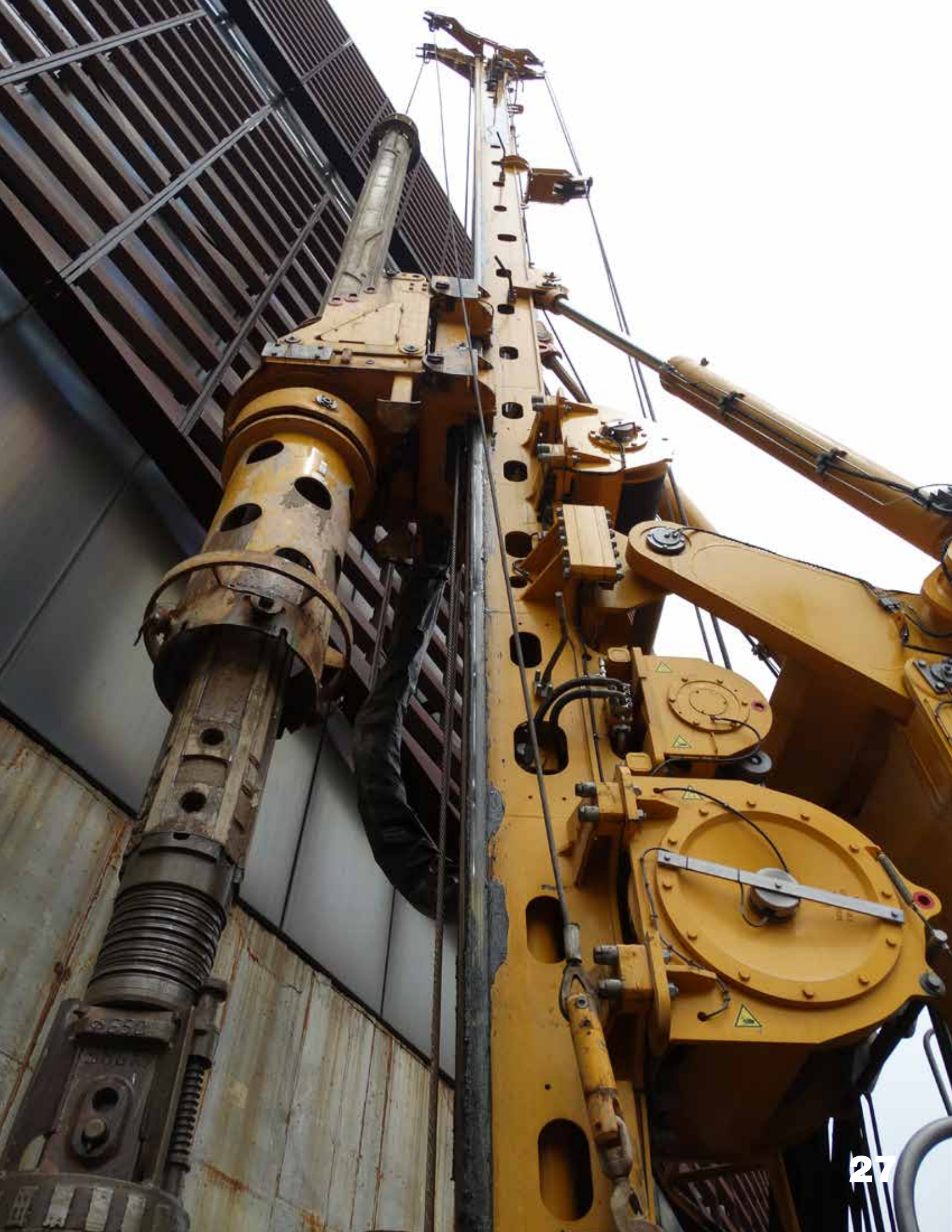


ECA on Instagram



ECA Youtube Channel







**Find out how we can
build a foundation
together.**

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