

Rehabilitation Technology Selection Guide

For further information, refer to the Buyer's Guide at uconline.com.

CURED-IN-PLACE-PIPE

| Company | Product | Pull-In Diameter Range (in) | Inversion Diameter Range (in) |
|----------------------------|--|-----------------------------|----------------------------------|
| Applied Felts | Applied Felts | 4-108 | 4-108 |
| C.I.P.P. Corp. | CIPP | 4-108 | 4-108 |
| CityLiner | RS CityLiner | | 6-27 |
| FirstLiner USA | FirstLiner | 4-96 | 4-60 |
| Formadrain | Formadrain | 3-60 | |
| Inliner Tech. | Inliner | 4-96 | 4-96 |
| Insituform Tech. | Insituform | 6-96 | 4-96 |
| Lanzo Lining Services | Lanzo Lining Systems | 4-108 | 4-108 |
| LMK Enterprises | | | 3-6 (lateral) 6-48 (mainline) |
| Masterliner | Masterliner | up to 75 | up to 75 |
| MaxLiner | MaxLiner | 3-10 | 3-10 |
| Miller Pipeline | MPC ToughTube | 4-75 | 4-75 |
| MultiLining Intd. | MultiLiner | 4-48 | |
| National Enviro Tech Group | National Liner | 4-108 | 4-108 |
| NeoPoxy | Epoxy NPR-5701 | 3-6 | 3-6 |
| | Epoxy NPR-4501 | 3-8 | 3-8 |
| | Epoxy NPR-1701 | 4-10 | 4-10 |
| | Epoxy NPR-1571 | 6-24 | 6-24 |
| Novapipe | Novapipe | 3-109 | 3-109 |
| PrimeLine Products | PrimeLiner | 2-8** | |
| | Lateral Lining | | |
| | PrimeLiner LC Lateral Connection (used to line the 4" & 6" laterals at the connection w/ the mainline ambient cure) | | |
| Perma-Liner | Perma-Main | 6-102* | |
| | Perma-Lateral | 2-8** | |
| | Perma-Liner | | 6-52*** |
| | Perma-Patch | 4-6**** | |
| | *main line water inversion (heat cure) | | |
| | **lateral air inversion (ambient cure) | | |
| | ***sectional point repairs up to 30 ft. in length | | |
| | ****lateral spot repair up to 2 ft. in length | | |
| Premier-Pipe USA | Premier-Pipe | | 4-108 |
| Renoline Ltd. | Renoline | 3-12 | 3-12 |

UV-LIGHT CURED-IN-PLACE-PIPE

| Company | Product | Diameter Range (in) |
|------------------|----------------|---------------------|
| IPL Technologies | SAERTEX-LINER | up to 47" |
| Multiliner | Multiliner | 6" - 48" |
| Reline America | Reline America | up to 48" |

GROUT-IN-PLACE-PIPE

| Company | Product | Diameter Range (in) |
|---|------------------|---------------------|
| Danby of North America | Panel Lok | 42-144 |
| Kenny Construction & Southwest Pipeline | Channeline | 21' |
| Linabond | Co-Lining System | |
| Sekisui SPR Americas | SPR Process | 36 and larger |
| Trolining | Trolining | 8-160 |

FOLDED PIPE

| Company | Product | Type of Pipe | Diameter Range (in) | Pre-Heating |
|--------------------------|-----------------------|--------------|---------------------|-------------|
| American Pipe & Plastics | AM-LINER [®] | PVC | 6-12 | Yes |
| Miller Pipeline | EX Method | PVC | 6-18 | Yes |
| Rinker Materials | U-Liner | HDPE | 4-24 | No |
| Ultraliner | Ultraliner | PVC alloy | 4-24 | Yes |

GROUT

| Company | Product | Viscosity | Application |
|--------------|-----------------------|---------------------|---|
| Avanti | AV-100 Chemical Grout | 1-2 cps in solution | Sewer joint sealing, service lateral connections, soil stabilization, contamination containment, manhole waterproofing. Effective in heavy water flows. Wide range of controllable gel times. |
| | AV-118 | 1-2 cps in solution | Sewer joint sealing, service lateral connections, soil stabilization, contamination containment, manhole waterproofing. Wide range of gel times. |
| | AV-202 | 2,500 cps | Seals leaks in large cracks or joints in concrete, dams, precast structures, manholes. |
| | AV-254 | 10 cps in solution | Soil stabilization around manholes, pipe joints, service laterals, tunnels, dams. |
| | AV-280 | 500 cps | Soil stabilization and fills large voids |
| | AV-333 | 300-400 cps | Seals leaks in medium to fine cracks or joints in subways, tunnels, dams, manholes, pipe penetrations. |
| | AV-350 | 10 cps in solution | Soil stabilization around manholes, pipe joints, service laterals, tunnels, dams. |
| NeoPoxy | Epoxy NPR-3501 | 400,000 cps | 100% flexible Epoxy for manhole chimney sealing |
| Prime Resins | Prime-Flex 900 XLV* | 250 cps | Seals leaks in extremely tight hairline cracks |
| | Prime-Flex 900 LVSP* | 450 cps | Seals leaks in concrete structures (cold joints, cracks, failed water stop) |
| | Prime-Flex 910 | 40 cps | Soil stabilization; curtain wall grouting; seals sea walls |
| | Prime-Flex 920 | 120 cps | Seals leaks; soil stabilization; fills voids |
| | Prime-Flex 970SX* | 440-540 cps | Seals leaks in below-grade structures manholes; TV grouting |
| | Hydro Gel SX | | Fills voids in/around structures; fills abandoned underground storage tanks and pipelines |
| | Prime-Flex 985 | 300-450 cps | |
| | Rigid Foam | | |

* UL classified for use w/potable water

INTERNAL JOINT SEALS

| Company | Product | Seal Application Size (in.) | Seal Operating Pressures (psi) |
|---------------------------|-----------------------------|-----------------------------|--------------------------------|
| Cretex Specialty Products | Internal Joint Seal | 42-60 | |
| | Internal Pipe Joint Seal | 24-72 | |
| | External Manhole Joint Seal | 42-120 | |
| Hunting Pipeline Services | HydraTite Internal Seal | 16-216 | 300 psi, internal |
| NPC | Internal Joint Seal | 18-96 | 150 psi, external |
| Miller Pipeline | Weko-Seal | 14-216 | 50 psi, external |
| Sealing Systems | Internal Flex-Seal | 14-216 | 300 psi, internal |

MANHOLES

| Company | Coatings | Inserts | Liners | Inverts |
|---|----------|---------|--------|---------|
| A-Lok Products | | Yes | | |
| Ameron Protective | | | Yes | |
| Amitech America Linings | | | Yes | |
| AP/M Permaform | Yes | Yes | Yes | Yes |
| No-Dig manhole solutions since 1985 provided through world-wide network of highly trained applicators. PERMAFORM, PERMACAST, CON SM SHIELD and COR+GARD offer the "hole" solution. | | | | |
| Canusa-CPS | | Yes | | |
| Containment Solutions | | | Yes | |

MANHOLES

| Company | Coatings | Inserts | Liners | Inverts |
|--|----------|---------|--------|---------|
| Cretex Specialty Products | Yes | | | |
| <i>Leading manufacturer of mechanical internal and external manhole frame-chimney seals, internal manhole and pipe joint seals, external joint wraps, lid plugs, lid gaskets and inflow dishes.</i> | | | | |
| Hobas Pipe | Yes | Yes | | |
| <i>Segmental sections are utilized to rehabilitate manhole shafts. The corrosion resistance and high strength composite make liner insertion quick and easy. Manhole T-base systems are available.</i> | | | | |
| Infrastructure | Yes | | | |
| Repair Systems | | | | |
| Linabond | | | Yes | |
| Madewell Products | Yes | | Yes | |
| Manhole Adjustable Riser | | Yes | | |
| Miller Pipeline | Yes | | | |
| NPC | | Yes | | |
| NeoPoxy | Yes | | Yes | Yes |
| <i>NeoPoxy manufactures epoxy corrosion resistant coatings for manholes and pipes; flexible chimney seal, CIPP epoxy systems for different pipe diameters; epoxies for high temperature applications; and PVC adhesive.</i> | | | | |
| Newlife Coatings | Yes | | | |
| No Flow | | Yes | | |
| In Flow | | | | |
| Parson Environmental | Yes | Yes | Yes | |
| <i>Providing a complete line of high quality manhole rehabilitation products and superior customer service since 1985 to customers throughout the U.S. and Canada.</i> | | | | |
| Perma-Liner | | Yes | | |
| Press-Seal Gasket | | Yes | | |
| Plasite Protective | Yes | | | |
| Coatings | | | | |
| Press-Seal Gasket | | Yes | | |
| PrimeLine Products | Yes | | | |
| <i>Specialty, non-hazardous resins for manhole coating; elastomeric material for sealing manhole chimney.</i> | | | | |
| Protective Liner Systems | Yes | | Yes | |
| <i>Protective Liner Systems manufactures epoxies used in point repairs and manhole rehab and installs fiberglass reinforced epoxy liners in manholes and other wastewater facilities.</i> | | | | |
| Quadex Sewer | Yes | | | |
| Rehab. Products | | | | |
| Quikspray | Yes | | | |
| Raven Lining Systems | Yes | | | |
| Reliner/Duran | | | | Yes |
| Sancon Engineering | Yes | | Yes | |
| <i>Sancon Engineering are experts in the rehabilitation of sewer pipelines, structures and industrial infrastructure. We've rehabilitated sewer structures using polyurethane coatings and pipe lining systems.</i> | | | | |
| Sauereisen | Yes | | | |
| <i>Sauereisen manufactures an array of cements, calcium aluminate, 100% solids epoxies, urethanes and polyurethane and grouts for stopping water inflow and preventing corrosion in wastewater manholes.</i> | | | | |
| Sealing Systems | Yes | Yes | | |
| <i>Sealing Systems Inc. is the manufacturer of innovative solutions to prevent inflow/infiltration in manholes and catch basins. Infi-Shield is an external EDPM seal and Flex Seal is an internal flexible urethane seal.</i> | | | | |
| Sprayroc | Yes | | | |
| Standard Cement Coatings | Yes | | Yes | Yes |
| <i>Standard Cement Materials manufactures and installs cementitious liners and epoxy coatings in manholes, lift stations and wet wells as a certified MBE.</i> | | | | |
| Strong Co. | Yes | | | |
| ThoRoc | Yes | | Yes | |
| Warren Environmental | Yes | | | |
| <i>Warren Environmental is a blender of specialty non toxic epoxy systems for the lining and rehabilitation of manholes, pipes and other potable and wastewater structures.</i> | | | | |

REMOTE INSPECTION SYSTEMS

| Company | Model | Pipe Size (in) | Pipe Length (ft) | Video | Camera | Adjustable Focus |
|------------|-------|----------------|------------------|-------|--------|------------------|
| Aries | | 2-200 | 200 - 5,000 | color | | mainline/mini |
| Industries | | | | | | |

| | | | | | | |
|-------------------------|--------------------------------|----------|-------------|---------------|------------------------|-------------|
| CUES | MP 2020 | 2-8 | 100'-300' | color | mini | no |
| | Push System | | | | | |
| | ProScout | 4-24 | 1,000" | color | mini/mainline | yes |
| | Inspector General | 2-200 | 1,000' | color | mini/mainline | yes |
| | Qube | 4-200 | 1,000' | color | mainline | yes |
| | Evolution Mainline | 2-200 | 4,000' | color | mini/mainline | yes |
| | Workhorse Mainline | 2-200 | 4,000' | color | mini/mainline | yes |
| | LAMP Lateral & Mainline | 6-30 | 1,000' | color | mini/mainline | no |
| | OZ II & Nitelite | 6-200 | 4,000" | color | mainline | yes |
| | Pipe Ranger, Transporter | 8-60 | 1,000' | N/A | mainline | N/A |
| | Lite Stick | 4-24 | N/A | color | pole | no |
| | Quickzoom | 4-48 | 100' | color | pole | yes |
| | Sonar | 10-1,200 | 2,000" | color | mainline | N/A |
| | Laser Profiler | 6-90 | 2,000' | N/A | mainline | yes |
| | Shorty, Transporter | 6-30 | 1,000' | N/A | mainline | N/A |
| Everest VIT | VideoProbe XL Pro | 15-39 | 4.9 - 100 | color;VGA | CD | yes |
| | Recon | 1+ | up to 200 | color;VGA | mini | yes |
| | Ca-Zoom PTZ | 5.5+ | 18 - 500 | color;VGA | mini | yes |
| | ROVER Crawler | 4 - 12+ | 200 - 2,000 | color;VGA | mini | yes |
| Pearpoint | P494 | 6+ | 1,500 | color | pan&tilt mainline | yes |
| | P600 | 4-18 | 650 | color | pan&tilt portable | yes |
| | P571 | 4-24 | 500 | color | large push rod | yes |
| | w/P415Mk2 | | | | | |
| | P571 | 3-10 | 500 | color | pan&tilt, lg. push rod | yes |
| | w/P455 Twinview | | | | | |
| | P382 | 3-10 | 200 | color | mini push rod | yes |
| | P373 | 1-4 | 200 | color | mini push rod | no |
| | P374 | 1-4 | 200 | color | mini push rod | no |
| | Intrinsically Safe Mini Cam | | | | | |
| | Radiodetection | 3-10 | 400 | color | mini push rod | yes |
| | GatorCam2 | | | | | |
| | Radiodetection | 1.5-6 | 200 | B/W | mini push rod | yes |
| | GatorCam2 mini | | | | | |
| | flexicam | 1-4 | 50 | color | mini push rod | no |
| | flexidata pipe survey software | All | Any | digital | all CCTV systems | N/A |
| R.S. Technical Services | 1500 Series | 1.50-6 | 400 | color | mini cam | local |
| | 1300 Series | 2.25-18 | 1,000 | color | mini/mainline | local |
| | Omni-Eye II | 6-72 | 2,500 | color | mainline | remote/auto |
| | Omni-Eye III | 6-72 | 2,500 | color | mainline | remote/auto |
| | Omni-Star | 6-72 | 2,500 | color | mainline | remote/auto |
| Scanprobe | Tractor 1000 | 6+ | 250m | digital color | mainline | yes |
| Techniques | Series 7 DVD | 6-15 | 150m | digital color | push rod | yes |
| | Series 6 DVD | 3-12 | 50m | digital color | push rod | yes |
| | Series 6 Pan & Tilt | 4-12 | 150m | digital color | push rod | yes |
| | Micro 35 | 3-9 | 40m | digital color | push rod | yes |

TRENCHLESS PIPE REPLACEMENT

LATERAL SYSTEMS

| Company | Model | Type Drive | Host Pipe Diameter (in) |
|------------|---|------------|-------------------------|
| HammerHead | PortaBurst PB30 | hydraulic | 4-6 |
| | HydroBurst HB3038 | hydraulic | 2-6 |
| | HydroBurst HB5058 | hydraulic | 2-12 |
| | 3" HammerHead | pneumatic | 4 |
| | Mole Pipe Bursting Tool | | |
| | 5 1/8" HammerHead Mole Pipe Bursting Tool | pneumatic | 6 |
| TRS | LTS | | 4-6 |
| TT Tech | Grundotugger | hydraulic | 4-6 |
| | Grundoburst 30TX | hydraulic | up to 6 |
| | Grundoburst 50TX | hydraulic | up to 10 |
| | Grundocrack PCG85 | pneumatic | 4 |
| | Grundocrack PCG95 | pneumatic | 4-6 |
| | Grundocrack Mini-Atlas | pneumatic | 4 |
| | Grundocrack PCG130 | pneumatic | 4-6 |

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TRENCHLESS PIPE REPLACEMENT

PIPE REAMING

| Company | Description |
|--------------------|---|
| Nowak Pipe Reaming | Replace existing non-metallic pipe with HDPE or restrained joint PVC, non-disruptively, with up to double diameter size increases in any soil condition, rock, and non-reinforced concrete encasement included, using an appropriately sized directional drill. |

PNEUMATIC SYSTEMS

| Company | Model | Tool Diameter(in) | Tool Length (in) | Host Pipe Diameter (in) | Host Pipe Type |
|-------------|----------------------|-------------------|------------------|-------------------------|-----------------------------------|
| HammerHead | 3" Screw Reverse | 3 | 52 | 4 | ACP,VCP, RCP, concrete, cast iron |
| | 5 1/8" Screw Reverse | 5.125 | 66 | 6 | ACP,VCP, RCP, concrete, cast iron |
| | 5 3/4" Screw Reverse | 5.75 | 79.5 | 6 | ACP,VCP, RCP, concrete, cast iron |
| | 7" Air Reverse | 7 | 81 | 6-10 | ACP,VCP, RCP, concrete, cast iron |
| | 8" Air Reverse | 8 | 105 | 8-12 | ACP,VCP, RCP, concrete, cast iron |
| | 12" Air Reverse | 12 | 89.2 | 10-18 | ACP,VCP, RCP, concrete, cast iron |
| | 16" Air Reverse | 16 | 85.5 | 12-24 | ACP,VCP, RCP, concrete, cast iron |
| | 20" Air Reverse | 20 | 108.4 | 18-26 | ACP,VCP, RCP, concrete, cast iron |
| | 24" Air Reverse | 24 | 109 | 20-30 | ACP,VCP, RCP, concrete, cast iron |
| | 8" Air Impactor | 1.44 | 32 | 6-10 | ACP,VCP, RCP, concrete, cast iron |
| | 12" Air Impactor | 1.475 | 36.75 | 8-12 | ACP,VCP, RCP, concrete, cast iron |
| TT Tech./ | PCF 130 | 5 | 53.5 | 4-6 | ACP,VCP, RCP, concrete, cast iron |
| Grundocrack | PCF 145 | 5.7 | 63 | 6-8 | ACP,VCP, RCP, concrete, cast iron |
| | PCF 180 | 7 | 66.5 | 6-12 | ACP,VCP, RCP, concrete, cast iron |
| | PCF 220 | 8.4 | 77 | 8-12 | ACP,VCP, RCP, concrete, cast iron |
| | PCG 130* | 5 | 50.5 | 4-6 | ACP,VCP, RCP, concrete, cast iron |
| | PCG 145* | 5.75 | 60 | 6-8 | ACP,VCP, RCP, concrete, cast iron |
| | PCG 180* | 7 | 66 | 6-8 | ACP,VCP, RCP, concrete, cast iron |
| | HV 220* | 9 | 79 | 8-12 | ACP,VCP, RCP, concrete, cast iron |
| | PCG 270* | 11 | 84 | 10-16 | ACP,VCP, RCP, concrete, cast iron |
| | KV 350* | 15 | 102 | 16-20 | ACP,VCP, RCP, concrete, cast iron |
| | Mini-Atlas | 5 | 36 | 4-6 | ACP,VCP, RCP, concrete, cast iron |
| | Titan | 5.7 | 61 | 4-8 | ACP,VCP, RCP, concrete, cast iron |
| | Mini-Olympus | 7 | 44.5 | 6-12 | ACP,VCP, RCP, concrete, cast iron |
| | Olympus | 7 | 66.5 | 6-12 | ACP,VCP, RCP, concrete, cast iron |
| | Hercules | 8.5 | 75 | 6-12 | ACP,VCP, RCP, concrete, cast iron |
| | Mini-Gigant | 10 | 49 | 8-12 | ACP,VCP, RCP, concrete, cast iron |
| | Gigant | 10 | 79 | 8-16 | ACP,VCP, RCP, concrete, cast iron |
| | Koloss | 14 | 92 | 12-20 | ACP,VCP, RCP, concrete, cast iron |
| | Goliath | 18 | 112 | 18-24 | ACP,VCP, RCP, concrete, cast iron |
| | Taurus | 24 | 144 | 30+ | ACP,VCP, RCP, concrete, cast iron |

PUSH TECHNOLOGY

| Company | Model | Pipe Diameter Range (in) | Thrust (tons) | Pit Size (ft) | Host Pipe Types |
|----------|-----------|------------------------------|---------------|---------------|---|
| Tenbusch | B-500 | Clay&DI 6-12; Steel 6-18 | 140 | 9 x 9 | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | B-600 | Clay&DI 6-15; Steel 6-22 | 192 | 9 x 9 | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | B-700 | Clay&DI 6-12 Steel 6-18 | 140 | 9 x 14 | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | T-1000 | Long joints of DI to 12" DIA | 192 | varies | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | T-1500 | Long joints of DI to 16" DIA | 250 | varies | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | T-2000 | Long joints of DI to 24" DIA | 375 | varies | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | MB - 330 | Clay&DI 6-10 Steel 6 -15 | 125 | 4 x 10 | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | MB - 340 | Clay&DI 6-10 Steel 6 -15 | 125 | 4 x 14 | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | MB - 3040 | Clay&DI 6-27 Steel 6 -36 | 375 | 9 x 14 | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |
| | MH - 100 | Clay&DI 6-8 | 62 | in manhole | AC, VCP, Cast Iron, DI, RCP, PVC, HDPE, Truss Pipe, Steel |

STATIC SYSTEMS

| Company | Model | Type Drive | Thrust (ft/lbs) | Pullback (lbs) | Power Unit | Host Pipe Diameter (in) | Host Pipe Types |
|------------|------------|------------|-----------------|----------------|---------------|-------------------------|---|
| HammerHead | PortaBurst | hydraulic | N/A | 60,000 | 13 HP/20 | 4-6 | ACP,VCP, RCP, concrete, cast iron |
| | PB30 | | | | HP Power Pack | | |
| | HydroBurst | hydraulic | 76,000 | 60,000 | 20 HP | 2-6 | ACP,VCP, RCP, concrete, cast iron, ductile, steel |
| | HB3038 | | | | Power Pack | | |

| | | | | | | |
|------------|-----------|--------|---------|------------|------|--|
| HydroBurst | hydraulic | 11,600 | 100,000 | 20 HP | 2-8 | ACP, VCP, RCP, concrete, cast iron, ductile, steel |
| HB5058 | | | | Power Pack | | |
| HydroBurst | hydraulic | 96,000 | 160,000 | 73 HP | 3-12 | ACP,VCP, RCP, concrete, cast iron, ductile, steel |
| HB80 | | | | Power Pack | | |
| HydroBurst | hydraulic | 40,000 | 250,000 | 73HP | 4-20 | concrete, cast iron, ductile, steel |
| HB125 | | | | Power Pack | | |

| | | | | | | | |
|-------------|------------|-------------|---------|---------|--------|---|-----------------------------------|
| TRIC | BC20 | hi-pressure | 40,000 | | 3/4-4 | ACP,VCP, RCP, concrete, cast iron, steel, PVC, ABS, Orangeburg | |
| Tools | Monolithic | hydraulic | | | | | |
| | BC30 | hi-pressure | 60,000 | | 3/4-6 | ACP,VCP, RCP, concrete, hydraulic cast iron, steel, PVC, ABS, Orangeburg | |
| | Monolithic | hydraulic | | | | | |
| | BC60 | hi-pressure | 120,000 | | 8-10 | ACP,VCP, RCP, concrete, hydraulic cast iron, ductile, steel, PVC, ABS, Orangeburg | |
| | | hydraulic | | | | | |
| | BC18 | hi-pressure | 36,000 | | 3/4-4 | ACP,VCP, RCP, concrete, hydraulic cast iron, steel, PVC, ABS, Orangeburg | |
| | Crowder | hydraulic | | | | | |
| | BC24 | hi-pressure | 48,000 | | 3/4-6 | ACP,VCP, RCP, concrete, hydraulic cast iron, steel, PVC, ABS, Orangeburg | |
| | Crowder | hydraulic | | | | | |
| | WC22 | lo-pressure | 44,000 | | 4-8 | ACP,VCP, RCP, concrete, hydraulic cast iron, ductile, steel, PVC, ABS, Orangeburg | |
| | Lafayette | hydraulic | | | | | |
| | WC24 | lo-pressure | 88,000 | | 4-12 | ACP,VCP, RCP, concrete, hydraulic cast iron, ductile, steel, PVC, ABS, Orangeburg | |
| | Lafayette | hydraulic | | | | | |
| TRS | H-100 | hydraulic | 80,000 | 200,000 | diesel | 4-14 | all friable or crackable material |
| | H-125 | hydraulic | 190,000 | 250,000 | diesel | 4-16 | all friable or crackable material |
| | H-225 | hydraulic | 260,000 | 450,000 | diesel | 8-28 | all friable or crackable material |
| TT Tech./ | 400G | hydraulic | 80,000 | 100,000 | pack | 3-8 | iron |
| Grundoburst | 800G | hydraulic | 100,000 | 175,000 | pack | 4-16 | iron |
| | 1000G | hydraulic | 155,000 | 250,000 | pack | 6-20 | iron |
| | 2500G | hydraulic | 500,000 | 650,000 | pack | 8-36 | iron |
| | 30TX | hydraulic | 60,000 | 60,000 | pack | up to 6 | iron |
| | 50TX | hydraulic | 100,000 | 100,000 | pack | up to 10 | iron |

WINCH SYSTEMS

| Company | Model | Pull Force (tons) | Winch Line Diameter (in) | Line Length (ft) |
|------------|--|-------------------|--------------------------|------------------|
| HammerHead | HydroGuide HG12 | 12 | 0.625 | 2,000 |
| | (hydraulic boom) | | | |
| | HydroGuide HG12 | 12 | 0.625 | 2,000 |
| | (hydraulic boom w/track pkg.) | | | |
| | HydroGuide HG12 | 12 | 0.625 | 2,000 |
| | (hydraulic boom w/track & stabilizer pkg.) | | | |
| | HydroGuide HG20 | 20 | 0.875 | 2,000 |
| TT Tech./ | RW 1500 | 1.5 | 5/16 | 600 |
| Grundwinch | RW 4002 | 4 | 7/16 | 650 |
| | RW 5000 | 4 | 1/2 | 2,100 |
| | RW 10* | 10 | 5/8 | 2,300 |
| | RW 10X | 10 | 5/8 | 2,300 |
| | RW 20 | 20 | 7/8 | 2,300 |
| | RW 206 | 30 | 7/8 | 2,300 |
| | RW 40 | 40 | 1 1/4 | 2,600 |