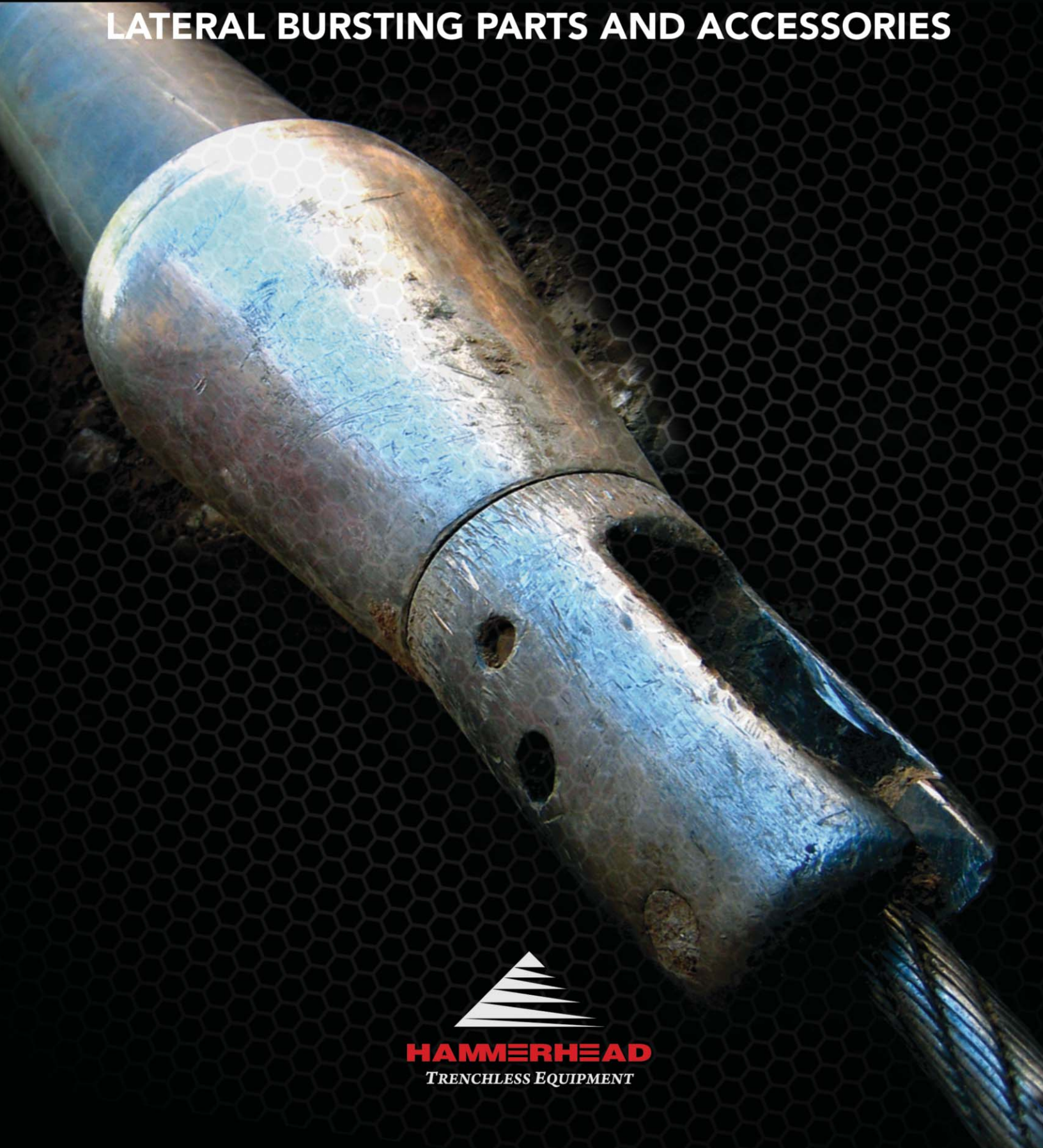


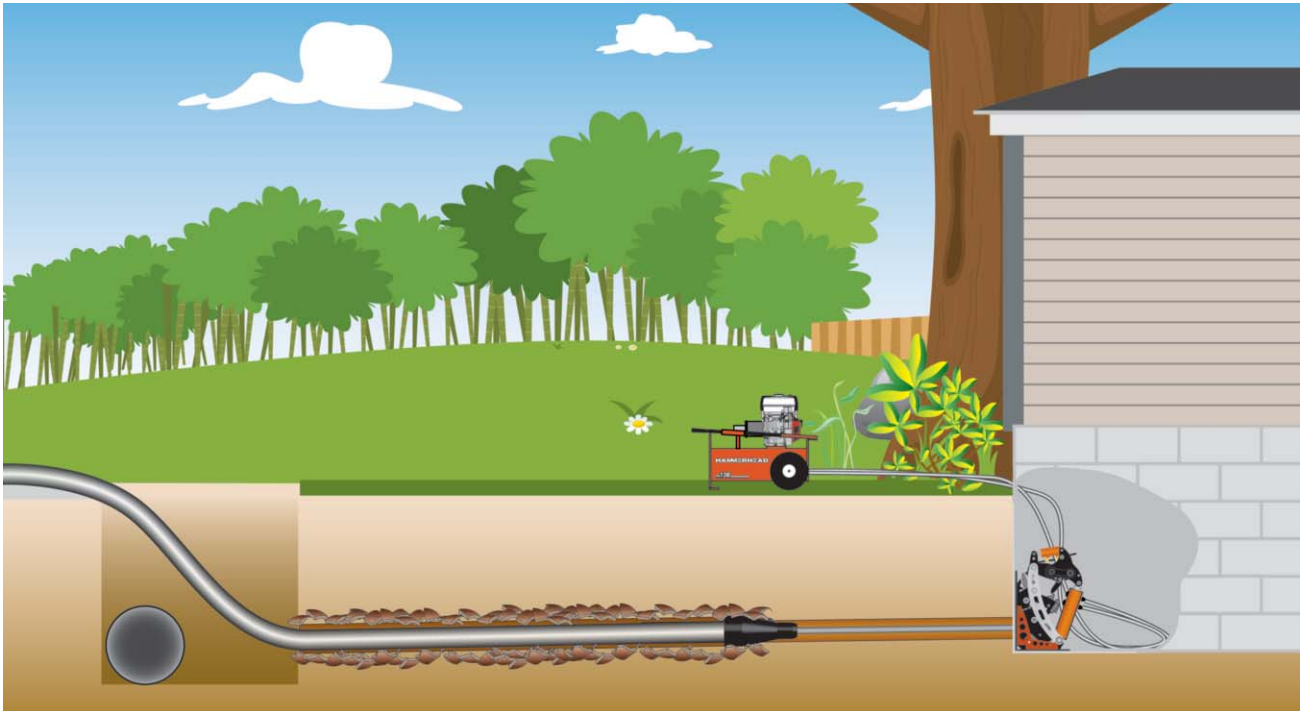
HAMMERHEAD

LATERAL BURSTING PARTS AND ACCESSORIES



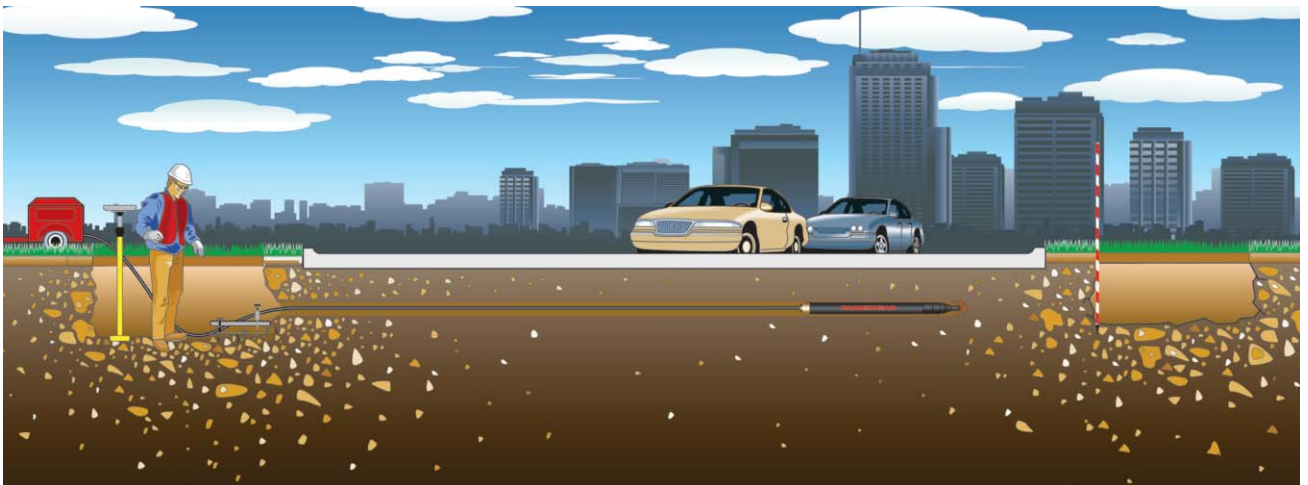
HAMMERHEAD
TRENCHLESS EQUIPMENT

COMPLETE LATERAL TRENCHLESS SOLUTIONS FROM HAMMERHEAD



REPLACEMENT OF SEWER LATERALS WITH PORTABURST® LATERAL PIPE BURSTING SYSTEMS

A typical job site with the PortaBurst pipe bursting system is set up at the house. Alternatively the unit can be set up in the basement or at the clean out. The burst head is pulled through the lateral, bursting the existing pipe, while simultaneously pulling in the new pipe. Unlike the pipe lining process, pipe bursting lets you install the same or larger size new HDPE pipe.



NEW SERVICE INSTALLATIONS WITH HAMMERHEAD MOLE® PNEUMATIC PIERCING TOOLS

HammerHead Mole pneumatic piercing tools create a compact hole for almost any underground installation with minimal disruption to landscapes, buildings or normal traffic flow. The process is preferred by many contractors because of its low operating cost per foot of installation, reasonable equipment investment, and easy-to-learn equipment operation.

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PORTABURST® PB30 GEN2 PIPE BURSTING SYSTEM

RUGGED & POWERFUL, HIGH PROFIT TRENCHLESS

RUGGED SYSTEM RETURNS HIGH PROFITS

The PortaBurst® PB30 G2 is a rugged, portable, cost effective and efficient system for replacing 2" to 6" (50 to 150 mm) lateral pipes. Unlike CIPP, pipe bursting lets you install the same or larger size new HDPE pipe, in a minimum amount of time.

SUPERIOR PRODUCTION

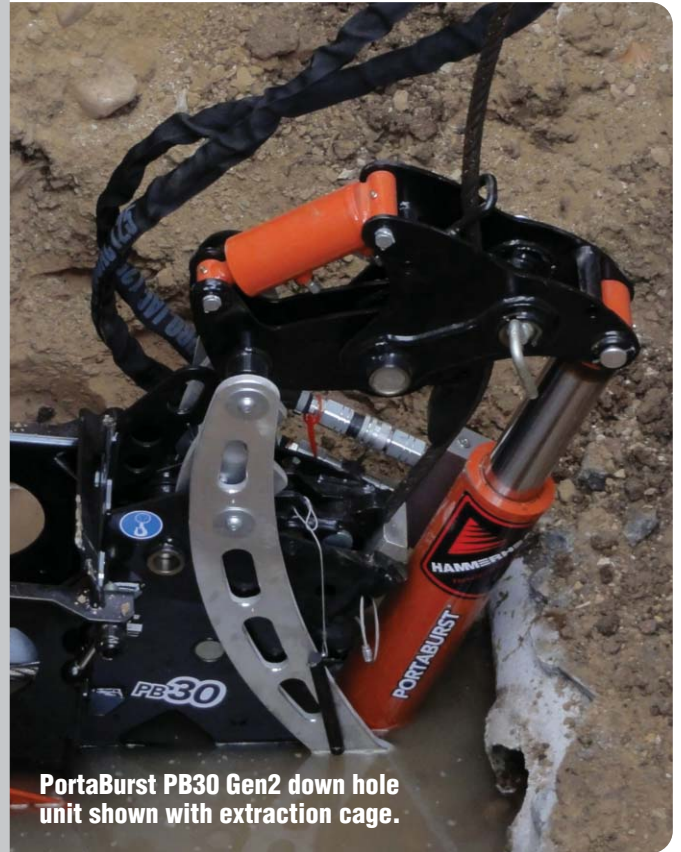
The PortaBurst PB30 G2 features modular construction with 30 tons of pulling force. Designed to run at 3,000 psi (207 bar) the system can be powered by a backhoe, compact excavator or any other portable hydraulic power pack. Once the unit is up and running production rates of up to 12 feet per minute ensure fast and efficient installation.

ENVIRONMENTALLY FRIENDLY

PortaBurst systems require small pits, reducing the amount of excavation and associated surface disruption, resulting in an environmentally friendly project.

VERSATILE

PortaBurst systems operate at low pressure, allowing them to be run by either a dedicated power pack or any third party power supply that produces 3,000 psi (207 bar) and a minimum 13 gallons per minute flow.



PortaBurst PB30 Gen2 down hole unit shown with extraction cage.

PORTABURST PB30 GEN2 PIPE BURSTING SYSTEM

Description	Part #
PortaBurst® PB30 Gen2 Pulling Unit	912-5031
Extraction Cage	912-3201

PORTABURST PB30 GEN2 REPLACEMENT PARTS

Stationary Jaw, PB30 G2, (one required)	912-5223
Shoe, PB30 G2, (two required)	912-4767



Pulling Cable, Swaged Cable, Stud End

PULLING CABLES

Description	Model	Part #
3/4" X 75 feet, Swaged, Stud End	All Models	912-3161
3/4" X 100 feet, Swaged, Stud End	All Models	912-3163
3/4" X 150 feet, Swaged, Stud End	All Models	912-3162

PORTABURST® PB30 GEN2 PIPE BURSTING SYSTEM

HYDRAULIC POWER PACK OPTIONS

Description	Model	Part #
PP13A (13 HP Honda) (requires Control Stand: 912-5052 or Coaster/Control Stand: 912-3346)	All Models	912-5050
PP13B (13 HP Honda) (includes on-board controls)	All Models	912-5055
PP3000 (requires Control Stand: 912-5052 or Coaster/Control Stand: 912-3346)	All Models	933-0100

CONTROL STATIONS FOR PP13A, PP3000 OR ALTERNATE SOURCE

Control Stand	All Models	912-5052
Coaster/Control Stand	All Models	912-3346
Hose, 5/8" x 15 feet (required to run system from an alternative hydraulic power source, two required)	All Models	912-3056
Quick Connect Coupler, Flat Face, Nipple, 1/2" (M)	All Models	912-3038
Quick Connect Coupler, Flat Face, 1/2" (F)	All Models	912-3039



PP13A Power Pack



Extraction Cage



Control Stand



Coaster/Control Stand

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For ordering or pricing information, contact your regional sales representative.

PORTABURST LIGHTNING® PIPE BURSTING SYSTEM

LIGHTWEIGHT & COMPACT PROFITABLE TRENCHLESS

HIGH PROFIT LATERAL REPLACEMENT

The PortaBurst Lightning is a lightweight, portable, cost-effective and efficient system for replacing 2" to 6" (50 to 150 mm) lateral pipes. Unlike CIPP, pipe bursting lets you install the same or larger size new HDPE pipe, in a minimum amount of time.

SUPERIOR PRODUCTION

The Lightning features modular aluminum construction and 30 tons of pulling force designed to work best where lateral pipes are shallow and pits are dug by hand. The system breaks down into four lightweight pieces for easy disassembly and assembly. Once the unit is up and running production rates of up to 12 feet per minute ensure fast and efficient installation.

ENVIRONMENTALLY FRIENDLY

PortaBurst systems require small pits, reducing the amount of excavation and associated surface disruption, resulting in an environmentally friendly project.

VERSATILE

PortaBurst systems operate at low pressure, allowing them to be run by either a dedicated power pack or any third party power supply that produces 3,000 psi (207 bar) and a minimum 13 gallons per minute flow.

PEOPLE, SERVICE & SUPPORT

For decades HammerHead has led the industry in bringing innovative trenchless solutions to our customers. No project is the same, so our dedicated team of industry experts creates customized solutions to meet your needs.

In addition, a global network of authorized dealers, are there to support you after the sale. In the field, on the phone or in your office — you can count on HammerHead to be your trusted partner.



PORTABURST LIGHTNING PIPE BURSTING SYSTEM

Description	Part #
PortaBurst Lightning Pulling Unit	912-5000
Extraction Cage	912-3201

LIGHTNING REPLACEMENT PARTS

Stationary Jaw, Lightning (1 required)	912-4541
Shoe, Lightning (1 required)	912-4767
Jaw, 3/4" Tapered, Lightning	912-4559



PP3000,
PB30G2 & Lightning
20 HPPower Pack

PHONE: 800.331.6653 (USA only) | INTERNATIONAL: +1 262.567.8833
FACSIMILE: 262.567.8833 | EMAIL: info@hammerheadmole.com

PORTABURST LIGHTNING® PIPE BURSTING SYSTEM

HYDRAULIC POWER PACK OPTIONS

Description	Model	Part #
PP13A (13 HP Honda) (requires Control Stand: 912-5052 or Coaster/Control Stand: 912-3346)	All Models	912-5050
PP13B (13 HP Honda) (includes on-board controls)	All Models	912-5055
PP3000 (requires Control Stand: 912-5052 or Coaster/Control Stand: 912-3346)	All Models	933-0100

CONTROL STATIONS FOR PP13A, PP3000 OR ALTERNATE SOURCE

Control Stand	All Models	912-5052
Coaster/Control Stand	All Models	912-3346
Hose, 5/8" x 15 feet (required to run system from an alternative hydraulic power source, two required)	All Models	912-3056
Quick Connect Coupler, Flat Face, Nipple, 1/2" (M)	All Models	912-3038
Quick Connect Coupler, Flat Face, 1/2" (F)	All Models	912-3039

PULLING CABLES

3/4" X 75 feet, Swaged, Stud End	912-3161
3/4" X 100 feet, Swaged, Stud End	912-3163
3/4" X 150 feet, Swaged, Stud End	912-3162



PP13A Power Pack



Extraction Cage



Control Stand



Coaster/Control Stand

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For ordering or pricing information, contact your regional sales representative.

TOOLING SELECTION CHART

HOW TO USE THESE CHARTS

Match the host pipe size and material with the new HDPE pipe size being installed to find the tooling string reference. Use the tooling string reference chart to identify the tooling string required for the project specified.

TOOLING SELECTION (SAE)						
Host Pipe		New HDPE Pipe Size (in)				
Size (in)	Material	2" IPS	3" IPS	4" IPS	4" DIPS	6" IPS
2.00	Steel	A	B			
2.00	Copper	A	B			
2.00	PVC					
2.00	HDPE					
3.00	Clay		C	D*	E*	
3.00	Concrete		C	D*	E*	
3.00	Orangeburg		C	D*	E*	
3.00	Cast Iron		C	D*	E*	
3.00	AC		C	D*	E*	
3.00	Steel					
3.00	Copper					
3.00	PVC			D	E	
3.00	HDPE			D	E	
4.00	Clay			F	G	I
4.00	Concrete			F	G	I
4.00	Orangeburg			F	G	I
4.00	Cast Iron			D	E	H
4.00	Fiberglass			F	G	I
4.00	AC			F	G	I
4.00	Steel					
4.00	Copper					
4.00	PVC			D	E	
4.00	HDPE			D	E	
6.00	Clay					I
6.00	Concrete					I
6.00	Orangeburg					I
6.00	Cast Iron					I
6.00	Fiberglass					I
6.00	AC					I
6.00	Steel					
6.00	Copper					
6.00	PVC					
6.00	HDPE					

TOOLING STRING TABLE REFERENCE (SAE)				
Ref	Assembly	Slitter	Puller	QG BurstHead
A		912-3363	902-2400	
B		912-3363	902-2600	
C	912-3315			
D		912-3370		911-3074
E		912-3370		911-3078
F				911-3074
G				911-3078
H		912-3370		911-3076
I				911-3076

TOOLING SELECTION (METRIC)				
Host Pipe		New HDPE Pipe Size (mm)		
Size (mm)	Material	110	125	160
110	Clay	L	M	O
110	Concrete	L	M	O
110	Orangeburg	L	M	O
110	Cast Iron	J	K	N
110	Fiberglass	L	M	O
110	AC	L	M	O
110	Steel			
110	Copper			
110	PVC	J	K	
110	HDPE	J	K	
125	Clay	L	M	O
125	Concrete	L	M	O
125	Orangeburg	L	M	O
125	Cast Iron	J	K	N
125	Fiberglass	L	M	O
125	AC	L	M	O
125	Steel			
125	Copper			
125	PVC	J	K	
125	HDPE	J	K	
160	Clay			O
160	Concrete			O
160	Orangeburg			O
160	Cast Iron			O
160	Fiberglass			O
160	AC			O
160	Steel			
160	Copper			
160	PVC			
160	HDPE			

TOOLING STRING TABLE REFERENCE (METRIC)				
Ref	Assembly	Slitter	Puller	QG BurstHead
J		912-3370		911-3077
K		912-3370		911-3078
L				911-3077
M				911-3078
N		912-3370		911-3079
O				911-3079

The tooling configuration recommendations listed here are relevant only to current factory equipment availability. Any projects outside of these recommendations require factory review and/or specialized tooling.

*The slitter blade design is intended for PVC and HDPE applications. Dulling of the blade will occur when used in these applications.

QUICK GRIP® BURST HEADS

QUICK GRIP BURSTING HEADS

Description	Part #
Quick Grip Burst Head, 4.00", SDR 11-26, (Stud Collar)	911-3074
Quick Grip Burst Head, 4.00", SDR 11-17, (Stud Collar) DIPS ONLY	911-3078
Quick Grip Burst Head, 6.00", SDR 11-26, (Stud Collar)	911-3076
Quick Grip Burst Head, 110 mm, SDR 11-26, (Stud Collar)	911-3077
Quick Grip Burst Head, 125 mm, SDR 11-26, (Stud Collar)	911-3078
Quick Grip Burst Head, 160 mm, SDR 11-26, (Stud Collar)	911-3079
Quick Grip Burst Head, 4.00", SDR 11-26, (Stud Collar) (Piggyback Style)	911-3110
Quick Grip Burst Head, 6.00", SDR 11-26, (Stud Collar) (Piggyback Style)	911-3111

QUICK GRIP BURST HEAD WEAR ITEMS

O-Rings, 4" Quick Grip Burst Head (2 required)	902-0318
O-Rings, 110 mm Quick Grip Burst Head (2 required)	902-0318
O-Rings, 125 mm Quick Grip Burst Head (2 required)	902-0409
O-Rings, 6" Quick Grip Burst Head (3 required)	902-0506
O-Rings, 160 mm Quick Grip Burst Head (3 required)	902-0506

**Quick Grip Burst
Head (Stud Collar)**



**Piggy Back Style
Quick Grip Burst Head
(Stud Collar)**



Quick Grip burst heads connect to pipe without hand tools and can negotiate up to 45° bends.

LATERAL BURSTING ACCESSORIES AND TOOLING

SLITTERS, PULLING ASSEMBLIES AND OTHER TOOLING

Description	Part #
Cast Iron and PVC Slitter Head Assembly (Used in front of Quick Grip Burst Head)	912-3370
Bursting Head, 3.00" (w/ 3.00" Sleeved Puller)	912-3315
Sleeved Puller, HDPE, 2.00"	902-2400
Sleeved Puller, HDPE, 3.00"	902-2600
Pipe Puller, 4.00", Segmented	911-5004
Pipe Puller, 6.00", Segmented	911-5006
Slitter Assembly, 2.00", Galvanized	912-3363
Stud End to Eye End Adapter	911-3080



Cast Iron and PVC Slitter Head Assembly



Slitter Assembly for 2.00" Galvanized Pipe (requires sleeved puller not included in kit)



Stud End to Eye End Adapter



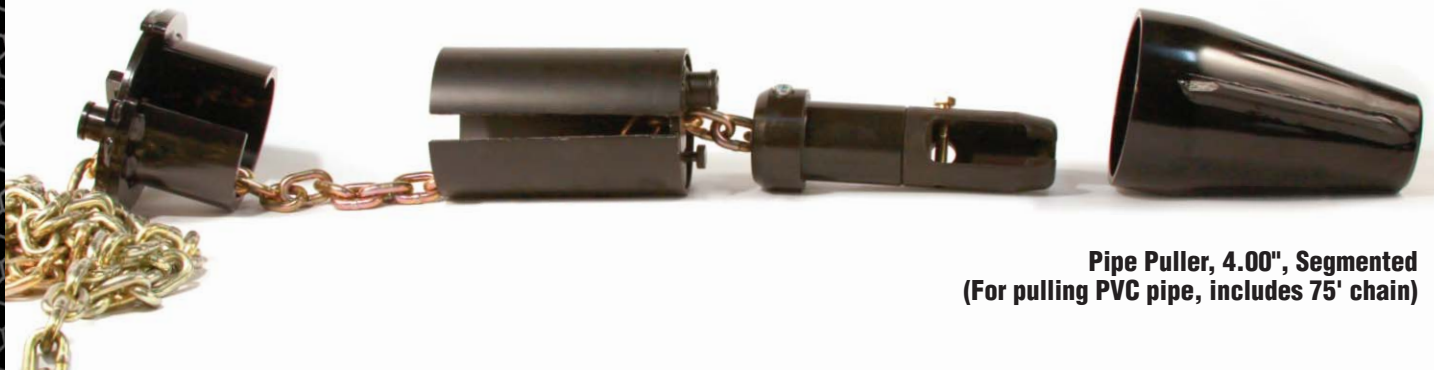
Bursting Head, 3.00" (Shown without 3.00" Sleeved Puller included in kit)



Sleeved Puller, HDPE, 2.00"

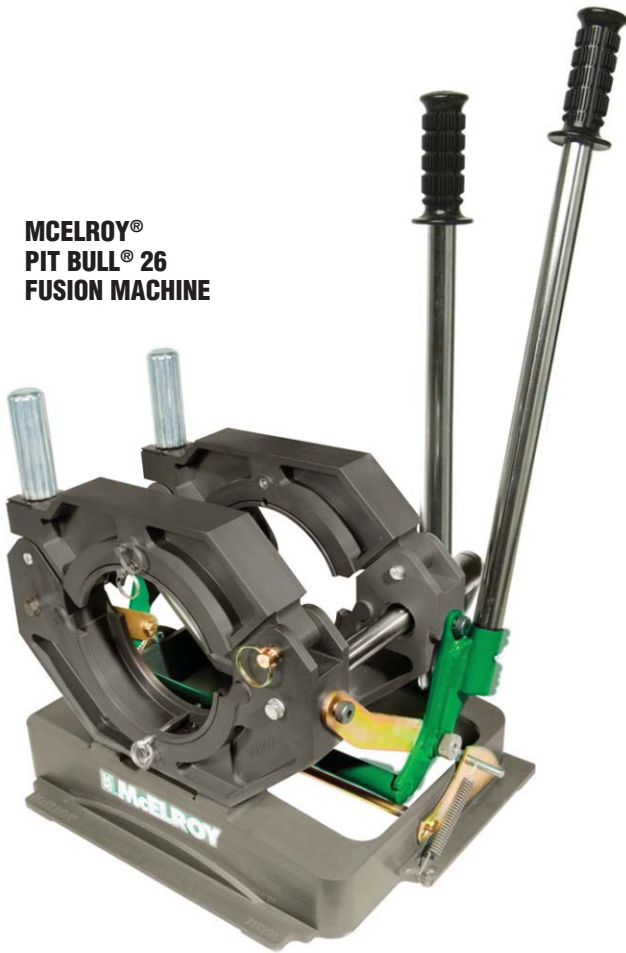


Sleeved Puller, HDPE, 3.00"



Pipe Puller, 4.00", Segmented (For pulling PVC pipe, includes 75' chain)

**MCELROY®
PIT BULL® 26
FUSION MACHINE**



MCELROY PIT BULL 26 FUSION MACHINE

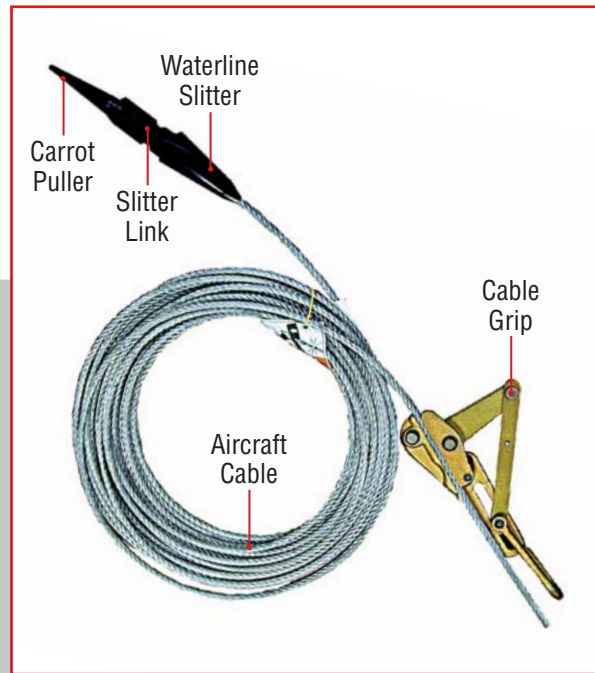
The Pit Bull 26 fuses pipe sizes from 2.00" IPS to 6.00" DIPS and 63 mm to 180 mm. The 26 offers McElroy's patented Centerline Guidance System, a semi-automatic locking cam system that maintains force during the cooling cycle, and the ability to fit on the Manual Fusion Stand accessory.

MCELROY PIT BULL 14 FUSION MACHINE

The McElroy Pit Bull 14 fuses 1.00" IPS to 4.00" DIPS (32 mm to 110 mm) pipe. It is a compact, lightweight, highly reliable and rugged machine. The machine incorporates McElroy's patented Centerline Guidance System, and is designed to butt fuse tees, ells, and other fittings with consistent high-quality results. The machine's semi-automatic locking cam system maintains force during the cooling cycle.

MCELROY PIPE FUSION MACHINES	
Description	Part #
Pit Bull 26, Fusion Machine Package (Includes: Pit Bull 26 Fusion Machine, Butt Plate Heater Assy, Facer Assy, Facer Stand and the following inserts; 4.00" IPS, 6.00" IPS, 6.00" DIPS)	912-5200
Pit Bull 14, Fusion Machine Package (Includes: Pit Bull 14 Fusion Machine, Butt Plate Heater Assy, Facer Assy, Facer Stand and the following inserts; 4.00" IPS, 4.00" DIPS)	912-5210
Pit Bull 14, Inserts, 2.00" IPS	912-5217
Pit Bull 14, Inserts, 3.00" IPS	912-5218

WATER LINE SLITTER SYSTEM



TRENCHLESS REPLACEMENT OF WATER SERVICES

Waterline slitters are a profitable trenchless solution for water line service replacement. The Waterline Slitter water service replacement system is a portable, cost effective and efficient method of replacing ¾" to 1" service pipes in a minimum amount of time while eliminating costly excavation and surface repair.

WATERLINE SLITTER KITS	
Description	Part #
Water Line Slitter Kit, 1.00", 75' Cable	912-1500
Water Line Slitter Kit, 1.00", 100' Cable	912-1512

WATERLINE SLITTER COMPONENTS	
Water Line Slitter 1.00"	912-1501
Slitter Link Assembly	912-1509
Screw, SHC 3/8-16 x 1.50"	912-1503
Link, Slitter	912-1504
0.50" – 1.00" Carrot Puller	901-0102
1.00" – 1.25" Carrot Puller	901-0122
Cable Grip	912-1505

CABLE OPTIONS	
Aircraft Cable 3/8" x 50'	912-1506
Aircraft Cable 3/8" x 75'	912-1502
Aircraft Cable 3/8" x 100'	912-1507
Aircraft Cable 3/8" x 150'	912-1510
Aircraft Cable 3/8" x 200'	912-1511

KITS INCLUDE: 1.00" Water Line Slitter, 3/8" Aircraft Cable, Cable Grip, Slitter Link, 0.50"–1.00" Carrot Puller

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HAMMERHEAD®
TRENCHLESS EQUIPMENT

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