

GORLITZ SEWER INC.





Since 1980, Gorlitz Sewer & Drain, Inc is one of the United States leading manufacturers of quality sewer and drain cleaning machines and accessories. Committed to excellence, Gorlitz has both the personnel and facilities to assure unequalled service and dependability. With an emphasis on customer service and satisfaction, Gorlitz Sewer & Drain, Inc. is ready to give you all the assistance you need.

GORLITZ EQUIPMENT

Gorlitz electric sewer & drain cleaning machines and high pressure water jetters are built with the highest quality materials and components available. All parts are die cut for accurate repeatability and precision machined to close tolerances to insure a proper fit. Frames are built from high tensile steel tubing to add strength and reduce weight. Their low profile design ensures greater stability and safety. All frames are zinc plated, painted or powder coated to ensure protection against corrosion.

HIGH EFFICIENCY ELECTRIC MOTORS

Electric models are equipped with high efficiency, continuous duty, ball bearing motors. In addition, these motors are equipped with capacitors, overload protection or manual reset button. Our motors operate on 110 volt, 60 cycle single phase. Motors with different voltage are available and can be furnished upon special request.

DEPENDABLE GASOLINE ENGINES

Gasoline powered jetters are equipped with dependable four-stroke KOHLER or HONDA engines. Some of the many standard features of these virtually trouble free engines are a maintenance free electronic ignition, overhead valves to reduce oil and fuel consumption and automatic decompression for easy starting. These engines are recognized for their excellent quality, reliable performance and nationwide support facilities.

HIGH PRESSURE WATER PUMPS

Our pumps were selected due to their advanced design, superior quality, proven continuous heavyduty performance and long life expectancy. The exterior pump section is cast from solid bronze and all internal hardware is fabricated from stainless steel. The ceramic plungers provide a durable wear surface and resistance to abrasion for maximum seal life. The preset seals require no adjustments.

CABLE FITTINGS AND CONNECTORS

Gorlitz offers several styles of cable fittings to give the operator versatility and adaptability. Our cable splices, cable ends and connectors are non-weld fittings that have been machined with a tapered start for easy installation. For extra strength and security, the fittings may be tack welded to the sewer cable. Gorlitz fittings are offered with a standard allen head cap screw or split pin lock.

OPEN REEL OR ENCLOSED DRUM CONSTRUCTION

Most sewer cleaning machines are offered with an open reel or enclosed drum construction. The many advantages of models equipped with open reels include easy accessibility, visibility, a reduction in corrosion and therefore a longer cable life span. Models supplied with enclosed polyethylene or aluminum drums are a matter of operators choice. They provide additional safety and are recommended if the work is being performed next to walls or inside buildings.



GO 68HD Plumber Snake

The Gorlitz Model GO 68HD heavy duty drain cleaning machine without compromise, is the choice of the professional. Due to its power, motor and gearbox combination this model will out-perform and out-last all other machines in its class



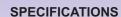
This heavy duty model is equipped with a 3/4 HP reversible motor and separate 10:1 ratio gearbox. Additional features include skid bars for added frame protection, large rubber wheels and a front handle for easy transportation. The rear rubber bumpers absorb shock when positioning the machine on its back while the added feature of a tow ring helps to pull the machine up the ramp. This model performs smoothly, quietly, efficiently and is designed for easy oneman operation. Model GO 68HD is perfect for clearing roots, sludge, grease, sand and rags in sewer lines from 3" to 10" in diameter up to 500 feet long.

The Model GO 68HD is available in two different versions, either with an open steel reel or enclosed polyethylene drum.

ACCESSORIES

Knife Assortment Cable Connectors Allen Wrenches Regular Chucks Cable Splices Cone Chuck Retriever

11/16" X 150' Cable For/Rev Switch Metal Toolbox Foot Switch **GFCI**



GO 68HDPF

3/4 HP Ball Bearing Motor 10:1 Ratio Heavy Duty Gearbox Cable Rotation: 175 RPM Pipe Size: 3" to 10" Diameter. Maximum Pipe Length: 500 Feet Dimensions: 43" L x 26" W x 30" H Net Weight: 248 LBS (Drum) Net Weight: 255 LBS (Reel)





Both models are shown with our optional Gorlitz Power Cable Feeder and Puller # T 01 and Mounting Bracket # T02. It is recommended to operate this drain cleaning machine with our cable feeder and puller for safer and more efficient pipe cleaning procedure. The use of the feeder also avoids operator stress and fatigue.



MODEL GO 68 SERIES

Gorlitz Model GO 68 is an outstanding model due to its power, straight forward construction and simplicity in operation. This model will open tough stoppages and should satisfy the most experienced operator.

The Gorlitz Model GO 68 frame is durable and simply constructed. Powered by a 1/2 HP ball bearing reversible geared motor, this model operates almost noiselessly. Extra additions include skid bars for frame protection, large wheels, tow ring, front and rear handles for added ease of transportation, loading or unloading of machine. This model cuts through roots, grease, rags and other foreign objects in sewer lines from 3" to 8" in diameter over 300 feet long.

Model GO 68 is available with either an open steel reel or enclosed polyethylene drum.



ACCESSORIES

Knife Assortment Cable Connectors Regular Chucks Cable Splices Cone Chuck Retriever GFCI 11/16" X 150' Cable Allen Wrenches For/Rev Switch Belt Tensioner Metal Toolbox Foot Switch





Both models are shown with our optional Gorlitz Power Cable Feeder and Puller # T 01 and Mounting Bracket # T 02. It is recommended to operate this drain cleaning machine with our cable feeder and puller for safer and more efficient pipe cleaning procedure. The use of the feeder also avoids operator stress and fatigue.



SPECIFICATIONS

1/2 HP Geared Motor
Cable Rotation: 160 RPM
Pipe Size: 3" to 8" Diameter.
Maximum Pipe Length: 300 Feet
Dimensions: 43" L x 26" W x 30" H
Net Weight: 231 LBS (Drum)
Net Weight: 238 LBS (Reel)



MODEL GO 62 SERIES

Reduced in size but powerful in its application, this combination machine was designed to fill the gap between our larger sewer and smaller sink cleaning machines. Because of its power and versatility it is also very popular with the general contractors and professional plumbers.



The Gorlitz Model 62 is a mirror image of our larger Model GO 68. Extremely versatile and being one of our most demanding combination machines, the Model GO 62 is highly preferred due to its smaller size and lighter weight. Easy to transport to the job site, the GO 62 includes an assortment of three interchangeable reels or drums that can handle most any cleaning job. The ball bearing 1/4 HP reversible steel geared motor develops approximately 100 lbs. of torque and cleans sewer and drain lines from 1 1/2" to 4" in diameter up to 200 feet long.

ACCESSORIES

Knife Assortment

Regular Chuck Cable Splices Cable Ends Retriever **GFCI**

5/8" x 100' Cable Cable Connectors Allen Wrenches For/Rev Switch Belt Tensioner Metal Toolbox Foot Switch

		/6			/ C	7
	621 5/8" REEL	•	•			
	501 1/2" REEL		•			
	502 3/8" REEL		•			
	621 P 5/8" DRUM			•	•	
	501 P 1/2" DRUM				•	
	502 P 3/8" DRUM				•	
	5/8" x 100' CABLE	•	•	•	•	
	3/8" x 90' CABLE		•		•	
	1/2" x 80' CABLE		•		•	
_		_		_		_

SPECIFICATIONS

GO 62A PE

1/4 HP Geared Motor Cable Rotation: 165 RPM Pipe Size: 1 1/2" to 4" Diameter. Maximum Pipe Length: 200 Feet Dimensions: 35" L x 22" W x 24" H Net Weight: 146 LBS (Drum) Net Weight: 153 LBS (Reel)

The Model GO 62 Series is available in a variety of reel and/or drum combinations and are completely interchangeable to fully accommodate the needs of the operator. This model does accept our Gorlitz Power Cable Feeder and Puller # T 01 and Mounting Bracket # T 02.



MODEL GO 50 SERIES

Gorlitz Model GO 50 Series is our junior sized machine. Due to its size and portability, this unit is ideally suited to operate in confined areas.

The GO 50 is small, compact and extremely durable. A comfortable rear handle, phenolic wheels and pull stick ease handling or transportation. Equipped with a 1/3 HP capacitor reversible ball bearing motor, this machine cleans drain lines from 1 1/2" to 3" in diameter up to 100 feet long.

ACCESSORIES GO 50 Accessories Listed

Knife Assortment Allen Wrenches Cable Splices Cable Ends

1/2" x 80' Cable For/Rev Switch Pull Handle GECL

	/&						
501 1/2" REEL	•						
502 3/8" REEL		•	•				
501 P 1/2" DRUM				•			
502 P 3/8" DRUM					•	•	
1/2" x 80' CABLE	•			•			
3/8" x 90' CABLE		•			•		
13/32" x 75' CABLE			•			•	



Shown with #T 01

Shown with #T 01A

The Model GO 50 Series is available with three different cable sizes and in several reel and/or drum combinations. In addition, the frame is provided with mounting holes to accepts any of our optional Gorlitz Power Cable Feeder and Pullers.



SPECIFICATIONS

GO 50A PE

1/3 HP Ball Bearing Motor Cable Rotation: 190 RPM Pipe Size: 1 1/2" to 3" Diameter. Maximum Pipe Length: 100 Feet Storage Dim: 28" L x 18" W x 21" H Extended Dim: 40" L x 18" W x 21" H

Net Weight: GO 50 90 LBS Net Weight: GO 50 PE 86 LBS Net Weight: GO 50A 76 LBS Net Weight: GO 50A PE 71 LBS

RJMMODELS GO 380/250 SERIES

Model GO 250 is equipped with a flexible trunk that helps guide the cable into any tub, shower or sink trap. An optional trunk is also available for our GO 380 models to guide the 3/8" diameter cable.

The Gorlitz Models 380/250 Series machine is built with a unique frame construction that ensures durability and strength. The cover is provided with an easily accessible ground fault circuit interrupter. receptacle. on/off forward/reverse switches. The drums have been equipped with inner hubs to prevent the kinking of cables. These units are driven by a specially designed high torque capacitor start ball bearing motor for clearing sink and drain lines from 1 1/2" to 2" in diameter. Models GO 380/250 Series are available in five versatile cable and drum combinations.



ACCESSORIES GO 380 accessories listed Knife Assortment Allen Wrenches Cable Splices Cable Ends #382 1 1/2" W DRUM #381 3" W DRUM #383 3 1/2" W DRUM #383 3 1/2" W DRUM #385 CABLE 3/8" x 90' CABLE 3/8" x 90' CABLE

This hand carried machine has remained one of the most popular models due to its compactness and portability. It can be equipped with different drums and cable sizes to accommodate any operators needs.

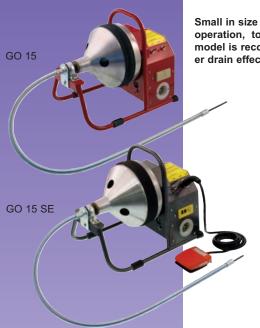


SPECIFICATIONS

1/4 HP Ball Bearing Motor
Cable Rotation: 230 RPM
Pipe Size: 1 1/2" to 3" Diameter.
Maximum Pipe Length: 90 Feet
Dimensions: 18" L x 14" W x 16" H
Net Weight: 49 LBS



MODEL GO 15



Small in size and light on weight, smooth and quiet in operation, tough and durable in construction, this model is recommended to clean any kitchen or shower drain effectively.

Gorlitz Model GO 15, with a total weight of only 28 lbs., is our smallest sink cleaning machine. A totally enclosed aluminum drum equipped with a specially designed inner cone and distributor arm reduces the possibility of cables escaping and kinking. The GO 15 contains a specially built high torque capacitor start reversible motor. The 265 rpm cable rotation provides better and faster cleaning of sink lines from 1 1/4" to 2" in diameter up to 50 feet long. This model is also equipped with a flexible trunk to assist the operator in guiding the cable into any drain opening.

SPECIFICATIONS

1/6 HP Ball Bearing Motor Cable Rotation: 265 RPM Pipe Size: 1 1/4" to 2" Diameter. Maximum Pipe Length: 50 Feet Dimensions: 16" L x 10" W x 14" H Net Weight: 28 LBS

ACCESSORIES

Allen Wrenches 1/4" x 35' Cable For/Rev Switch GFCI

The Gorlitz Model GO 15 is shown complete with protective rubber feet and watertight neoprene rubber drum sleeve. This machine is attractively powder-coated in red, black or blue.

MODEL GO 31



Gorlitz Model GO 31, the "Handygun", is our only hand held sink and drain cleaning machine. Conveniently constructed with a pistol grip, keyless chuck, and trigger action, the 1.60 amp, 120V reversible motor has a variable speed control from 0-450 RPM's to quickly open clogged drains. Enclosed in an aluminum drum holding up to 50 feet of 5/16" cable, this machine cleans drain lines from 1 1/4" to 2" in diameter up to 50 feet long. Our "Handygun" is also available as a cordless model No. GO 31A.

The Gorlitz Model GO 31 is lightweight (13 lbs), easy to use and comes furnished with a standard 5/16" x 25" right-hand wound cable.



POWER CABLE FEEDER

Gorlitz's heavy duty power cable feeders and T 01 & T 01A is recommended to be pullers installed on all of our sewer & drain cleaning models. Our feeder incorporates various improvements in power, speed and construction. The drive pins, U-brackets, spring pressure pad and heavy duty knob assembly spindle and plate are heat-treated for extended life and longer wear. Most important, all aluminum housings are provided with grease fittings to lubricate the pistons. Our power feeders will advance or retract left or right hand coiled cables from 3/8" to 3/4" in diameter at a rate from 0 to 32 feet per minute depending on machine revolution.

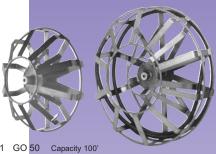


REELS

Gorlitz open reels are designed with a inner cone and zerk fitting for shaft lubrication. The fixed inner cone prevents the cable from closing in towards the center of the reel. Because of the open reel construction, the cable tends to last longer as there is little corrosion. In addition, the cable is visible for periodic inspection of wear and tear, and occasional cleaning or lubrication. Our reels may be added or changed at any time to maximize the cleaning capacity of our equipment. If the operation is close to a wall or inside a house, we recommend our canvas splash guards.

Reel Connector # 503 3/8" thru 1/2" Diameter





501 GO 50 # 501A GO 50 Capacity 125' # 502 GO 50A Capacity 90' # 502 GO 50B Capacity 75'

621 GO 62 Capacity 100' # 681 GO 68 Capacity 150'

DRUMS

Gorlitz drums are offered in a variety of metals and styles. Drums 381 thru 383 are made of steel and provided with a independent rotating removable inner hub. Drums 681 P, 621 P, 501 P and 502 P are constructed of high density polyethylene and equipped with a fixed inner cone and removable front disc*. The removable hub and fixed cone also prevent the cable from closing-in towards the center of the drums. The steel drums are lightweight, spun for concentricity and almost splash proof.

* Front disc not shown.

Drum connectors: # 514 3/8", 13/32", 1/2" Cables

632 5/8" Cable # 710 11/16" Cable # 711 3/4" Cable





381 GO 380 Capacity 65' # 382 GO 250 Capacity 50'

501 P GO 50 Capacity 100' # 502 P GO 50A Capacity 100' # 383 GO 380A Capacity 90' # 502 P GO 50B Capacity 100' # 621 P GO 62 Capacity 100'

681 P GO 68 Capacity 150'



CABLES

Standard cables (left-hand coiled) are our most popular cables used for general purpose cleaning. Shown with optional E 01 cable end.

Inner core cables (left or right-hand coiled) are used for heavy duty jobs. When under pressure or torque, the outer coil tightens around the inner core, stiffening the entire cable.

Downhead cables (left or right-hand coiled) feature a downhead to help negotiate turns and bends in pipe lines.

Bulbhead cables up to 13/32" in diameter (left or right hand coiled) have flexible, large diameter open coiled ends that follow the turns of sewer lines with ease and efficiency.

Bulbhead cables from 3/8" in diameter (left-hand coiled) add flexibility and with installed plug and knife allow you to cut through the toughest obstructions.



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1/4 X 35	C 01	DHC 01	CB 01								COD 01
1/4 X 50	C 02	DHC 02	CB 02	IC 02	IDHC 02	ICB 02			GC 02	GCD 02	GCB 02
9/32 X 35	C 03	DHC 03	CB 03	IC 03	IDHC 03	ICB 03			GC 03	GCD 03	
9/32 X 50	C 04	DHC 04	CB 04	IC 04	IDHC 04	ICB 04			GC 04	GCD 04	
5/16 X 25									GC 05	GCD 05	
5/16 X 35									GC 06	GCD 06	GCB 06
5/16 X 50									GC 07	GCD 07	GCB 07
3/8 X 65	C 05	DHC 05	CB 05	IC 05	IDHC 05	ICB 05					
3/8 X 90	C 06	DHC 06	CB 06	IC 06	IDHC 06	ICB 06					
13/32 X 75	C 07		CB 07	IC 07		ICB 07					
13/32 X 100	C 08		CB 08	IC 08		ICB 08					
1/2 X 80	C 09	DHC 09		IC 09	IDHC 09						
1/2 X 100	C 10	DHC 10		IC 10	IDHC 10						
5//8 X 10							SAC 01	IAC 01			
5/8 X 75	C 11			IC 11							
5/8 X 100	C 12			IC 12							
11/16 X 10							SAC 02	IAC 02			
11/16 X 50	C 13			IC 13							
11/16 X 75	C 14			IC 14							
11/16 X 100	C 15			IC 15							
11/16 X 120	C 16			IC 16							
11/16 X 150	C 17			IC 17							
3/4 X 10							SAC 03	IAC 03			
3/4 X 50	C 18			IC 18							
3/4 X 100	C 19			IC 19							
3/4 X 110	C 20			IC 20							
3/4 X 150	C 21			IC 21							

OTHER CABLE DIAMETERS AND LENGTHS AVAILABLE, PLEASE INQUIRE

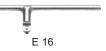
Gorlitz cables are made of the finest hard drawn, heat-treated, high tensile strength music wire. Very tough but providing the greatest amount of flexibility and improved fatigue life, each cable is manufactured using our stress relieving process that sets the coils to retain their tension. This new and superior process stabilizes the molecular structure of the coils and therefore ensures higher quality, longer life and less kinking and breaking. We offer different types of left-hand or right hand coiled cables including hollow core or inner core, with downhead or bulbhead attachments. All standard cables 1/4" - 5/16" in diameter are not available with cable ends, while 3/8" - 1/2" in diameter cables have optional cable ends. Standard cables 5/8" - 3/4" in diameter include cable connectors.



STANDARD CONNECTORS



Gorlitz's female coupler E 15 is a specialty item which attaches to our E 09 and E 09A 1/2" diameter threaded stud to accept an optional whip attachment. Part E 15A and E 15B are provided with a 1/4" female thread and accept our combination retriever S 10.



Gorlitz's installation handle is the ideal tool for on-site installation of all our slip joint cable connectors E 05 thru E 07.



E 24 1/4" Thread 3/8"

Thread

3/8"

Gorlitz's double female connectors are used for quick but temporary cable extensions.



E 30 3/8" Cable E 31 1/2" Cable

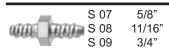
Gorlitz's male/female couplers are used for quick cable extensions.

SPLICES

	S 02	13/32"
offitalita.	S 03	1/2"
edictionalistication	S 04	5/8"
	S 05	11/16"
	S 06	3/4"

S 01

Gorlitz's standard splices are available to repair 3/8" thru 3/4" diameter cables and are unnoticeable once installed.



Gorlitz's hex splices are available to repair 5/8" thru 3/4" diameter cables and are easily recognized once installed.

HOIST



Gorlitz offers an excellent solution for handling bulky, heavy equipment. The hoist can be mounted inside van or truck beds. This unit, when using the optional sling which is sold separately, can pick up any Gorlitz drain cleaning machine. The hoist has a vertical lifting capacity of up to 1000 lbs., can pivot 360 degrees and have a extended reach capacity of 58".

Base Height 40" Arm Length 38" Max Arm Length 58" Max Arm Height 90"



RJM STANDARD CONNECTORS

000 020 4770			
	E 01 E 02 E 03 E 04 E 04A E 04B	3/8" 13/32" 1/2" 11/16" 5/8" 3/4"	Gorlitz's cable end fittings E 01 thru E 03 with 1/4" diameter male threaded stud uses blades K 01 thru K 05. Cable end E 04 thru E 04B with 3/8" diameter male threaded stud is designed to be used with blades K 06 thru K 14.
	E 05 E 06 E 07	5/8" 11/16" 3/4"	Gorlitz's standard slip joint cable connectors are used with all 5/8" thru 3/4" diameter cables.
	E 08		Gorlitz's regular chuck is versatile and accepts all blades K 06 thru K 14.
	E 08RR		Gorlitz's hex chuck is versatile and accepts all blades K 06 thru K 14.
	E 20		Gorlitz's chuck assembly E 20 is a unique combination of our E 08 and E 60 fittings. This special chuck accepts all 3/4" wide blades K 06 thru K 14.
	E 21		Gorlitz's chuck assembly E 21 is a combination chuck consisting of our E 08 and E 62 fittings. This chuck accepts all 1" wide blades K 26 thru K 29.
-00	E 09 E 09A	Accepts 2 Blades Accepts 3 Blades	Gorlitz's heavy duty cone chuck is used on all 4" and larger diameter sewer lines. The outer cone is made of cast bronze and has recessed pockets that lock knives in position. This chuck accepts all single 3/4" wide knives K 19 thru K 22.
	E 10		Gorlitz's E 10 slip joint flexible finger leader is specially designed to guide cables easily thru difficult bends in the sewer line. Blades K 06 thru K 14 can be utilized, depending on operators choice.
	E 10A		Gorlitz's E 10A flexible finger leader is specially designed to guide $3/8$ " and $1/2$ " cables easily thru difficult bends in th drain line.
	E 75		Gorlitz's E 75 split pin flexible finger leader is specially designed to guide cables easily thru difficult bends in the sewer line. Blades K 06 thru K 14 can be utilized, depending on operators choice.
	E 11	10-24	Gorlitz's allen head cap screw is used on all slip joint connectors and chucks.
	E 12 E 13 E 14	5 /32" 1/8" 3/32"	Gorlitz's allen wrench E 12 is used on all our allen screws. Wrenches E 13 and E 14 are replacement wrenches for our tool
	E 12A -E 13A E 14A	5/32" 1/8" 3/32"	kits. All wrenches are also available in a 9" long T-handle style.



SPLIT PIN CONNECTORS

Gorlitz's extra long threaded male cable ends E 50 thru E 52 are designed to accept any blade holder E 60 thru E 62 and cone E 51 chuck E 63.

E 50 5/8" E 51 11/16" E 52 3/4"



Gorlitz's female connectors will lock into any male type fitting securely and are supplied with a split pin. Connectors are available only for 5/8" thru 3/4" diameter cables.

E 53 5/8" E 54 11/16" E 55 3/4"



Gorlitz's male connectors will lock into any female type fitting E 56 securely. Connectors are available for only 5/8" thru 3/4" diameter cables. E 58

E 56 5/8" E 57 11/16" E 58 3/4"



Gorlitz's hexagonal chuck holder accepts blade holders E 60 thru E 62 and cone chuck E 63. The hex shape of the chuck E 59 prevents any blade holder from unscrewing.



Gorlitz's small blade holder is cast in bronze and accepts any 3/4" wide blades K 06 thru K 14. Generally recommended for E 60 clearing lines up to 3" in diameter.



Gorlitz's medium blade holder is cast in bronze and accepts our 3/4" wide blades K 09 and K 12. Generally recommended for E 61 clearing 4" in diameter sewer lines.



Gorlitz's large blade holder is cast in bronze and accepts our 1" wide heavy duty blades K 26 thru K 29. Recommended for E 62 clearing lines 3" in diameter and larger.



Gorlitz's heavy duty 3-blade cone chuck is used on all 3" and larger diameter sewer lines. The outer and inner cones are made of cast bronze. The outer cone has 3 recessed pockets E 63 that lock knives in position. This chuck accepts single 3/4" wide knives K 23 thru K 25.



Gorlitz's split pins are required to lock our male and female split E 66 pin connectors. E 67

E 66 1/4" X 5/8" E 67 1/4" X 3/4"



Gorlitz's specially heat-treated split pin installation handle smoothly guides the split pin through the male and female connectors.



Gorlitz's male/female split-pin connector can be used to attach leaders to existing cables or it may also be retrofitted as a E 74 chuck.





RETRIEVERS

000-020-4773	
S 10	Gorlitz's small combination retriever is used to retrieve $3/8$ ", $13/32$ " and $1/2$ " diameter cables. One end is an open ended spiral taper with the other being a $1/4$ " female thread that attaches onto cable ends E 01 thru E 03.
S11	Gorlitz's large combination retriever is used to retrieve 5/8", 11,16" and 3/4" diameter cables and may also be used to retrieve rags, diapers and other foreign objects. One end is an open tapered spiral, the other end attaches to a standard cable connector E 05 thru E 07, or female split pin connector E 53 thru
	E 55.
S 12 5/8" S 13 11/16" S 14 3/4"	Gorlitz's hook retrievers are unique pick-up tools that are used to retrieve lost cables. Available in three sizes, they can be
E 71 5/8" E 72 11/16" E 73 3/4"	attached to a standard cable connector E 05 thru E 07, or female split pin connector E 53 thru E 55.

LEADERS

	LEADERS
DHP 01 1/4" DHP 02 9/32" DHP 03 5/16" DHP 04 3/8" DHP 05 1/2"	Gorlitz's permanent and replaceable downheads help guide the cable thru difficult bends in 1 1/2" to 3" diameter drain lines. Permanent downheads (DHP 01 - DHP 05) are crimped at the factory for proper installation while replaceable downheads (DHR 04 - DHR 05) are attached by threading onto cable ends
DHR 04 3/8" DHR 05 1/2"	E 01 thru E 03.
DHR 06 to 3/4"	Gorlitz's replaceable downhead assemblies allow the blade to be dropped at any point of cable rotation guiding the cable through difficult turns. They are also quiet useful for back to back drains, sudden drops or sharp turns. Downhead DHR 06
5/8" DHR 07 to 3/4"	is featured with a slip joint end and downhead DHR 07 attaches to a female split pin connector. Recommended for 3" to 6" diameter drain pipes. Blade not included.
BHR 01 BHR 02 BHR 03	Gorlitz's replaceable bulbhead BHR 01, plug BHR 02 or as an assembly BHR 03 are available for 13/32" diameter cables. They are quite flexible and used to guide the cable through demanding turns giving the operator the advantage when using blades K 01 thru K 05.
E 17 5/8" X 2'	

E 18 11/16" X 2' E 19 3/4" X 2' Gorlitz's flexible leaders are loosely wound 2' long cable sections that guide sewer cables with ease through difficult turns. The 3/8" diameter male threaded stud accepts different blade holders and cutting blades.

E 64 5/8" X 2' E 65 3/4" X 2'



Gorlitz's spearhead assembly is recommended to bore through stoppages plugged with grease and/or sand. The cutting blade is hardened and replaceable.

KNIVES & BLADES

620-4773 1/4" mounting hole are for 3/8", 13/32" and 1/2" diameter cables. They are attached to cable ends E 01 thru E 03. Blade K 03A is made from extra thin material giving it greater flexibility.



Half Circle Plain K 01 1/2" X 1 1/2" K 02 1/2" X 2"



Full Circle Plain K 03 1/2" X 1 1/2" K 03A 1/2" X 1 1/2" K 04 1/2" X 2"



Pear Shape Plain K 05 1/2" X 3" K 05A 1/2" X 4"



Half Circle Plain K 06 3/4" X 2"



Full Circle Plain K 07 3/4" X 2"



Pear Shape Plain K 08 3/4" X 3" K 08A 3/4" X 4"

Gorlitz's blades K 06 thru K 14 with 3/8" diameter mounting hole are made for 5/8", 11/16" and 3/4" diameter cables. They are used best with our E 20 chuck assembly, or any 3/8" diameter male threaded stud cable end.



U-Shape Plain K 09 3/4" X 4"



Full Circle Teeth K 10 3/4" X 2 1/2"



Full Circle Teeth K 11 3/4" X 3"



U-Shape Teeth K 12 3/4" X 4"

K 19 3/4" X 4"

K 20 3/4" X 6"



Pear Shape Teeth K 13 3/4" X 2"



K 14 3/4" X 3" K 14A 3/4" X 4"

Gorlitz's single knives K 19 thru K 22 can only be utilized with cone chucks E 09 and E 09A. Knives K 23 thru K 25 can only be used with 3 bladed cone chuck E 63.





K 22 3/4" X 6"

Single Knife Coined K 21 3/4" X 4"

Single Knife Teeth K 23 3/4" X 3" K 24 3/4" X 4" K 25 3/4" X 6"

Gorlitz's heavy duty 1" wide blades K 26 thru K 29 with 3/8" diameter mounting hole are made for 5/8", 11/16" and 3/4" diameter cables. They are used best with our E 21 chuck assembly, and our large blade holder E 62. Blade K 16A is an offset blade. One cutting side is 4" the other only 3" long.



Pear Shape Teeth K 15 1" X 3" K 16 1" X 4"



Pear Shape Plain Offset K 16A 1" X 4"



Pear Shape Teeth K 26 1" X 3" K 27 1" X 4"



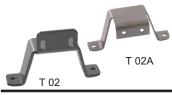
Grease Blades K 17 1" X 3" K 18 1" X 4"



Grease Blades K 28 1" X 3" K 29 1" X 4"

Gorlitz's knives and blades are extremely strong and yet are flexible enough for any job! All our knives are die cut and formed when in a soft condition and then heat-treated to our specification. In addition, they are black oxidized and oil dipped to prevent rusting. These hardy blades are offered in many different shapes and sizes depending on the job for which they are needed. Whether you need to cut roots, paper, diapers, napkins, grease, sludge, etc., our knives can even be hand sharpened for a special cutting job. Available with plain or serrated cutting edges, these blades are used with 3/8" up to 3/4" diameter cables to clean sewer lines from 1 1/2" up to 8" in diameter.

RJMOTER TOOLS & ACCESSORIES



Gorlitz's cable feeder mounting bracket is required to install our power cable feeder and pullers. Power feeder bracket T 02 is required for GO 50 thru GO 68HD series machines and T 02A is required for GO 50 series machines.



Gorlitz's loading ramps are designed for simple loading or unloading of our GO 68 (T 04) and GO 62 (T 04A) Series sewer cleaning machines. Our ramps are equipped with a fold down section, wheel stops and mounting hardware. The ramps are painted in black and weigh approximately 57 lbs for model T 04 or 49 lbs for model T 04A. T 04 Overall dimensions with fold down section in upright position are 50" L X 23" W X 20" H. T 04A Dimensions are 42" L X 23" W X 20" H.



Gorlitz's winch installation kit is provided with a powerful 1500 lbs. full capacity 12 Volt DC motor, a 40 amp 12 Volt fuse, wire harness, forward/reverse switch and manual crank emergency handle.



Gorlitz's optional pneumatic foot switch is supplied with a standard 6 foot air hose that replaces the electric on/off switch control on our GO 50, GO 62 and GO 68 (series) sewer and drain cleaning models. It allows the operator's hands to be free and provides more flexibility while operating the equipment.



Gorlitz's electric foot switch allows the operator's hands to be free to guide the cable while controlling the on/off position of the machine. This unit is made from a heavy duty metal casting and painted in a bright fluorescent color for easy visibility.



Bulb Head Down Head Down Head T 10B 3' T 10 3' T 08 3'

T 11B 6' T 11 6'

Gorlitz's toilet augers are available in 3 or 6 foot lengths with bulbhead or downhead attachments. Our auger T 08 comes with 3 foot long flexible hollow core cable specially designed for water-saver toilets, while augers T 10 and T 11 are available only with inner core cables.



Gorlitz's specially designed 6" diameter ball type extra heavy duty force cup plunger, with a reinforced ribbed construction, is supplied with a 20" long wooded handle. The plumbers choice.



Gorlitz's hydro-thrust plunger is a large capacity funnel shaped cup that acts as a super-charger against hard to move stoppages in even oddly shaped toilet bowls. The funnel can be retracted and used in flat sinks and tubs.

RJMOTER TOOLS & ACCESSORIES

Gorlitz's tile probes are used to locate buried sewer or drain pipes. Models T 14 and T 15 are made of durable 1/2" diameter solid steel rod. Models T 15B and T 15C are constructed from 1/2" diameter hollow core rod and include a brass hose connection and shut-off valve to control water flow. Probes are powder coated and provided with molded rubber grips for added comfort and are available in different lengths.

T 14 40" T 15B 48" T 15 48" T 15C 60"

Gorlitz's all purpose gloves are made of a strong, durable canvas. The fingers are composed of a single layer of soft swede leather while the index finger, thumb and palm have a double layer. One size fits all.



Gorlitz's "ugly" gloves are constructed out of a tough PVC material. The palm is molded with small PVC particles to prevent the operators gloves from twisting or snagging. The gloves themselves are acid and oil resistant, flexible, and keep your hands T 17A Long clean and dry. Available in wrist or forearm length.



Gorlitz's digging bars are helpful tools in aiding the prying or lifting of various cover plates. Constructed out of 7/8" hex material, one side is provided with a chisel shaped end while the other features a sharp point.

T 18 5'

T 16

T 19 6'

Gorlitz's pressure bags use water pressure supplied from a garden hose to blast open clogged sewer or drain lines. Constructed out of canvas and provided with brass fittings, they are an indispensible item. Available in 5 different sizes.



T 20 1 1/2" T 22 3" T 24 6" T 21 2" T 23 4"

Gorlitz's vent roller is used to help guide the cable smoothly down the vent pipe and prevents damage to the pipe edge.



Gorlitz's bolt cutters are used in cutting and repairing broken or damaged cables. Cutting blades are constructed from solid hardened tool steel for extra longevity. Available in 2 sizes.



T 26 24" T 26 30"

Gorlitz's center punch is designed to displace any sharp edges and/or spread the first coil of any cable for easy installation of our cable ends and connectors. Our center punch is heat treated for longer life.



Gorlitz's splash guards are constructed from nylon reinforced plastic coated canvas. They are recommended for our open reel models to prevent water from splashing onto any nearby surroundings. Models T 28 and T 28S fold together for convenient storage. Models T 28A thru T 28D are provided with rubber bands at each diameter opening for a snug fit on the reel.



T 28A 3/8" T 28B 1/2" T 28C 5/8" T 28D 11/16"





SEWER & DRAIN CLEANING MACHINES

CABLE SIZE	MOTOR	CABLE RPM	PIPE DIAMETER	APPLICATION
1/4" X 35'	1/6 HP CAPACITOR	265	1 1/4" TO 2"	TUBS SINKS SHOWERS
1/4" X 50'	1/4 HP CAPACITOR	230	1 1/4" TO 2"	TUBS SINKS SHOWERS
5/16" X 25'	1.85 AMP	0-450	1 1/4" TO 2"	TUBS SINKS SHOWERS
3/8" X 65'	1/4 HP CAPACITOR	230	1 1/2" TO 3"	VENTS SMALL DRAINS
3/8" X 90'	1/4 HP CAPACITOR	230	1 1/2" TO 3"	VENTS SMALL DRAINS
3/8" X 65' 1/4" X 50'	1/4 HP CAPACITOR	230	1 1/4" TO 3"	TUBS, SINKS SHOWERS SMALL DRAINS
3/8" X 90' 1/4" X 50'	1/4 HP CAPACITOR	230	1 1/4" TO 3"	TUBS, SINKS SHOWERS SMALL DRAINS
1/2" X 80'	1/3 HP CAPACITOR	190	2" TO 3"	VENTS SMALL DRAINS LIGHT ROOTS
3/8" X 90'	1/3 HP CAPACITOR	190	1 1/2" TO 3"	VENTS SMALL DRAINS
13/32" X 75'	1/3 HP CAPACITOR	190	2" TO 3"	VENTS SMALL DRAINS LIGHT ROOTS
3/8" X 90' 1/2" X 80' 5/8" X 100'	1/4 HP GEARED	165	1 1/2" TO 4"	VENTS DRAINS MEDIUM ROOTS
5/8" X 100'	1/4 HP GEARED	165	3" TO 4"	VENTS DRAINS MEDIUM ROOTS
11/16" X 150'	1/2 HP GEARED	160	3" TO 8"	DRAINS ROOTS SAND, GREASE
11/16" X 150'	3/4 HP CAPACITOR GEAR BOX	175	3" TO 10"	DRAINS ROOTS SAND, GREASE
	1/4" X 35' 1/4" X 50' 5/16" X 25' 3/8" X 65' 3/8" X 65' 1/4" X 50' 3/8" X 90' 1/4" X 50' 1/2" X 80' 3/8" X 90' 1/2" X 80' 5/8" X 100' 5/8" X 100' 11/16" X 150'	1/4" X 35' 1/6 HP CAPACITOR 1/4" X 50' 1/4 HP CAPACITOR 5/16" X 25' 1.85 AMP 3/8" X 65' 1/4 HP CAPACITOR 3/8" X 90' 1/4 HP CAPACITOR 3/8" X 90' 1/4 HP CAPACITOR 3/8" X 90' 1/4 HP CAPACITOR 1/2" X 80' 1/3 HP CAPACITOR 1/2" X 80' 1/3 HP CAPACITOR 1/3 HP CAPACITOR 1/3 HP CAPACITOR 1/3 HP CAPACITOR 1/4 HP CAPACITOR 1/3 HP CAPACITOR 1/4 HP CAPACITOR 1/4 HP CAPACITOR 1/5/8" X 100' 5/8" X 100' 1/4 HP GEARED 1/4 HP GEARED 1/4 HP GEARED 1/4 HP GEARED	1/4" X 35'	1/4" X 35'



SEWER & DRAIN CLEANING MACHINES (CONT)

OVERALL DIMENSION	NET WEIGHT	SHIPPING WEIGHT	BLADES	CONE CHUCK	REG. CHUCKS	CONNECTORS	ENDS	SPLICES	RETRIEVERS	WRENCHES	TOOL BOX	FOOT SWITCH	CABLE FEEDER
16" L 10" W 14" H	28	32								2	ОРТ	ОРТ	
18" L 14" W 16" H	39	44								3	ОРТ	ОРТ	
17" L 9" W 9" H	13	15									OPT		
18" L 14" W 16" H	49	54	5				2	2	ОРТ	3	OPT	ОРТ	
18" L 14" W 16" H	55	60	5				2	2	ОРТ	3	OPT	ОРТ	
18" L 14" W 16" H	65	75	5				2	2	ОРТ	3	OPT	ОРТ	
18" L 14" W 16" H	71	81	5				2	2	ОРТ	3	OPT	ОРТ	
28" L 18" W 19" H	<u>90</u> 86	100 96	5				2	2	ОРТ	2	OPT	ОРТ	OPT
28" L 18" W 19" H	<u>76</u> 71	<u>86</u> 81	5				2	2	ОРТ	2	OPT	ОРТ	OPT
28" L 18" W 19" H	<u>76</u> 71	<u>86</u> 81	5				2	2	ОРТ	2	OPT	ОРТ	OPT
35" L 22" W 24" H	228 216	258 246	12	OPT	2	2	4	6	1	2	1	1	OPT
35" L 22" W 24" H	<u>153</u> 146	<u>183</u> 176	5	OPT	2	2	ОРТ	2	1	2	1	1	OPT
43" L 26" W 30" H	238 231	268 261	12	1	2	2	ОРТ	2	1	2	1	1	ОРТ
43" L 26" W 30" H	<u>255</u> 248	285 278	12	1	2	2	ОРТ	2	1	2	1	1	ОРТ



MODEL COMPARISON CHART

HIGH PRESSURE WATER JETTERS

MODEL	MOTOR	MAX. PSI	MAX. GPM	HOSE DIMENSION	SUGGESTED PIPE DIAMETER	OVERALL DIMENSION	NET WEIGHT	SHIPPING WEIGHT
GO 1500	2 HP ELECTRIC	1500	2.1	1/4" X 100' 1/8" X 50'	2" TO 4" 1 1/2" TO 3"	20" L 24" W 27" H	129	165
GO 1500A	2 HP ELECTRIC	1500	2.1	1/8" X 50'	1 1/2" TO 3"	22" L 15" W 14" H	74	80
GO 2000	6.5 HP GASOLINE	2000	3	1/4" X 100' 1/8" X 50'	2" TO 4" 1 1/2" TO 3"	24" L 24" W 29" H	130	170
GO 3000	13 HP GASOLINE	3000	4.5	3/8" X 200' 1/8" X 75'	4" TO 8" 1 1/2" TO 3"	31" L 25" W 40" H	185	230
GO 3500	18 HP GASOLINE	3500	5.5	3/8" X 300' 1/8" X 75'	4" TO 8" 1 1/2" TO 3"	36" L 24" W 46" H	310	350

NOTES



TERMS & CONDITIONS

HOW TO ORDER

In order to avoid mistakes or delays of your shipment, please refer to our part number and description.

PRICES

Since prices are subject to change we cannot guarantee them for more than 30 days. The prices listed are valid for the period indicated on the cover of the price list only. Prices are Net F.O.B. Factory, Santa Fe Springs, California.

SALES TAX

Gorlitz Sewer & Drain, Inc. is required to charge applicable State Sales Tax on every item sold unless a California State Sales Tax Exemption Certificate has been provided.

FREIGHT POLICY

All merchandise shipped per parcel service are prepaid and added to the invoice. All shipping fees per trucking lines are the responsibility of the customer. If any freight damages or losses are experienced, Gorlitz Sewer & Drain, Inc. requests that the freight company carrying the merchandise be contacted by the customer for freight claims.

MERCHANDISE CLAIMS AND RETURN POLICY

All discrepancies in goods received must be claimed within five days after receipt of goods. Any item to be returned must be referenced by invoice number, date of sale and written consent of seller.

GORLITZ LIMITED WARRANTY

All products manufactured at Gorlitz Sewer & Drain, Inc. are warranted to be free from defects in material and workmanship under normal use and maintenance for a period of one (1) year from date of purchase to original buyer. If any parts break or fail, we ask you to notify your nearest dealer or Gorlitz Sewer & Drain, Inc. and supply us with proof of purchase and nature of failure. Gorlitz will repair or replace (at our option) any parts found to be defective. The replacement part assumes the unused portion of the warranty. Transportation of the product to any service station is the responsibility of the user unless stated otherwise in this warranty.

This warranty does not apply to expendable items (Cables, Knives, Nozzles, Hoses, Fittings, etc.) and damage due to negligence, unauthorized repair or alteration, chemicals, misuse or accidents. Adjustments of any kind can not be made on shaved, kinked or broken hoses and kinked or broken cables because it shows evidence of abuse or to much pressure.

This warranty is exclusive and in lieu of all other expressed warranties and Gorlitz Sewer & Drain, Inc. does not authorize any part to assume for it any other obligation or liability. In no event shall Gorlitz Sewer & Drain, Inc. be liable for special or consequential damages arising from the use of this product or for any delay in the performance of this warranty due to causes beyond our control.

In placing this order Buyer expressly understands, acknowledges and agrees that: (1) Buyer has received and read the Operating and Maintenance Instructions that accompanied this equipment order, including Gorlitz's Limited Warranty and all of the other Terms and Conditions of doing business with Gorlitz Sewer & Drain, Inc. ("Gorlitz") as stated therein; (2) Buyer will operate and maintain the equipment in accordance with the specifications stated in the Instructions; (3) Buyer indemnifies and holds Gorlitz harmless for Buyer's failure to use the equipment in accordance with the specifications stated in the Instructions; (4) the equipment is being sold to Buyer on an "as is" and "where is" basis and that except as specifically set forth in this agreement, Gorlitz makes no other representations or warranties, whether express or implied; and (5) all disputes arising under this agreement shall be submitted to courts of competent jurisdiction in the State of California and the prevailing party in any action or proceeding to enforce any provision of this agreement will be awarded reasonable attorney fees and costs incurred in that action or proceeding or in efforts to negotiate the matter.

MANUFACTURERS WARRANTIES AND LITERATURE

Most products used on our equipment are warranted to the final consumer by their manufacturers. Copies of such warranties are supplied with our products or are available from the manufacturers. As a service, Gorlitz Sewer & Drain, Inc. will obtain copies of consumer warranties from the warrantor and will furnish them free of charge to consumers upon request. Gorlitz Sewer & Drain, Inc. assumes no responsibility for the content of such warranties or sales literature by performing this service.

Due to a continuing program of product improvement, Gorlitz Sewer & Drain, Inc. reserves the right without obligation to revise prices, specifications and equipment.