

Mainline Root Cutter Kits

It has been said fewer options are the key to getting a job done. Mainline Root Cutter Kits were not born out of that theory. Starting with a standard Mainline motor, you can pick the type of skids; standard, wheeled or donut and then choose the type of saw blade that you would like for your application; flat, concave or spiral to fit your needs.

The power source that drives the heavy-duty mainline root cutter system is a 5.9 c.i. high-torque, low RPM hydraulic motor. It is designed for sewer cleaning machines from 35 to 80 GPM at 900 to 2000 PSI. Its tail nozzle is available in 1" FPT. Made in the USA.

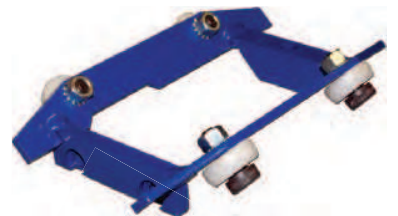
Part Number	Description
950-0000C	- Complete Kit with Concave Blades - Regular Skids
950-0000CW	- Complete Kit with Concave Blades – Wheel Skids
950-0000F	- Complete Kit with Flat Blades – Regular Skids
950-0000FW	- Complete Kit with Flat Blades – Wheel Skids
950-0000W	- Complete Kit with Spiral Blades – Wheel Skids
950-0000S	- Complete Kit with Spiral Blades – Regular Skids
950-1000C	- Complete Kit with Concave Blades & Donut Skids
950-1000F	- Complete Kit with Flat Blades & Donut Skids
950-1000S	- Complete Kit with Spiral Blades & Donut Skids
950-1000FB	- Complete Kit with Flex Blades & Donut Skids
950-0000CAK	- Complete Kit with CAK tool Assembly – Regular Skids
950-0000NB	- Complete Kit with No Blades – Regular Skids
950-1000NB	- Complete Kit with No Blades - Donut Skids
950-0000FB	- Complete Kit with Flex Blades - Regular Skids



Mainline Motor



Regular Skid



Wheel Skid



Donut Skids



Flat Blade



Concave Blade



Spiral Blade



Complete kits include 6", 8", 10" and 12" blades and skid sets, motor with tail nozzle, blade hub, wrenches and tool box. (Donut skids include one front and one rear only.)

Sample Kit P/N: 950-0000C



Flex Blades



CAK Tool

Lateral Root Cutter Kits

Much like the Mainline Root Cutter Kits, the Lateral Kits were born out of the idea that can offer you exactly what you need, rather than fudging your way through a job with equipment that is subpar.

Like the mainline hydraulic root cutter motors, the lateral hydraulic root cutter motor uses the same high-torque, low RPM design. Its power source is a 1.93 c.i. hydraulic motor.

It is designed for sewer cleaning machines that operate from 35 to 80 GPM at 900 to 2000 PSI. Its tail nozzle is available in 1" FPT.

Complete kits include blade sizes 4", 6", 8" and 10" and skid sets 6", 8", 10" with skid collar, motor with tail nozzle, blade hub, wrenches and tool box. Made in the USA.

Part Number	Description
950-2000F	- Complete Kit with Flat Blades - Lateral Skids
950-2000C	- Complete Kit with Concave Blades – Lateral Skids
950-2000S	- Complete Kit with Spiral Blades – Lateral Skids
950-2000NB	- Complete Kit with No Blades – Lateral Skids



Lateral Motor



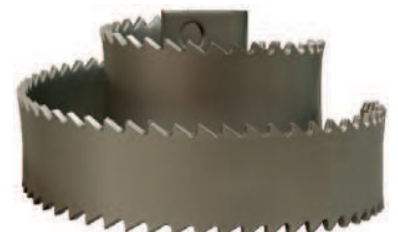
6" Lateral Skid (Shown)
Also available in 8, 10, and 12"



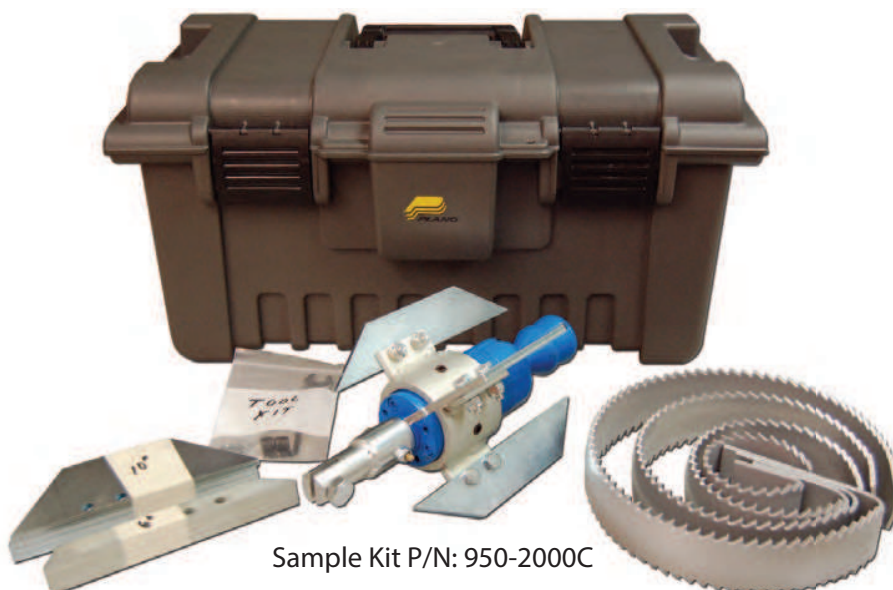
Flat Blade



Concave Blade



Spiral Blade



Sample Kit P/N: 950-2000C

Root Cutter Kit Accessories

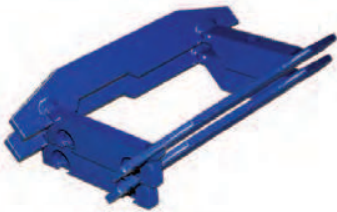
All of the Mainline and Lateral Kit parts can be ordered individually! Supreme Mainline Blades are available in 6" - 18" sizes and Supreme Lateral Blades are available in 4" - 12" varieties. Flex Blades are available in 4" - 18" sizes. CAK Tool parts are only for Mainline usage, with blades available in 5" and 7" sizes and cutter cables ranging from 6" - 30" varieties. All proudly made in the USA.



Lateral Skid Collar
950-240



Lateral Skid Extensions:
(sold individually)
6" 950-226
8" 950-228
10" 950-230
12" 950-232



Mainline Skid Assy:
6" 950-103
8" 950-104
10" 950-105
12" 950-106
15" 950-115



Mainline Skid Assy w/Wheels:
8" 950-104R
10" 950-105R
12" 950-106R
15" 950-115R



Donut Assy:
Front: 950-108
Rear: 950-109



Mainline Thrust Bearing
950-39



Lateral Thrust Bearing
950-209



Mainline Motor
950-110



Mainline Motor W/ Tail Nozzle
950-111S (Skid) or
950-111D (Donut)



1" Mainline Tail Nozzle
950-100



Mainline Seal Kit
950-38



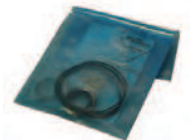
Lateral Motor
920-210



Lateral Motor W/Tail Nozzle
950-219



Lateral Tail Nozzle
950-212



Lateral Seal Kit
950-300 or
950-300YP

Mainline Key #950-32
Lateral Key #950-217
Donut Bolts #950-26 (4)
Donut Bolts #950-33 (1)

Donut Bolts #950-35 (1)
Skid Mounts #950 Hardware
1"x3/4" Bushing #u20210

Flex / Curved Cutter Blades

The Flex / Curved heavy duty cutter blades are great for moderate roots, scale and grease. They are supplied three per chuck in a triangular position that allows constant contact with pipe walls as the hydraulic root cutter rotates.

This allows a complete scouring of the pipe wall. The blades are made of high tempered spring steel and heat treated to 50-54 Rockwell at 1 ¼" wide x 1/8" thick. Sizes are provided from 4"-18" in sets of three blades. The hub comes with a grade 5 bolt and nylon nut to secure the hub to the hydraulic root cutter motor shaft. Made in the USA.



Part #	Description	Weight
7700-4	4" Flex Blades (3 Pack)	.46 lbs.
7700-6	6" Flex Blades (3 Pack)	.67 lbs.
7700-8	8" Flex Blades (3 Pack)	.87 lbs.
7700-10	10" Flex Blades (3 Pack)	1.38 lbs.
7700-12	12" Flex Blades (3 Pack)	1.64 lbs.
7700-15	15" Flex Blades (3 Pack)	2.17 lbs.
7700-18	18" Flex Blades (3 Pack)	2.17 lbs.

Cutter Blade Chuck Hub

The Chuck Hub for the three-blade cutter is made of steel and painted to prevent corrosion and rust. This hub is used to secure the three flex/curved cutter blades. It also has a pressure adjustment nut to hold the blade in the pinned taper cone.

Included is a grade-5 bolt and nylon nut to secure the hub to a hydraulic root cutter motor drive shaft. This 1" chuck hub even has two shaft connection adjustment holes to allow universal use on any manufacturers' hydraulic root cutter. The 5/8" chuck hub connection hole location is standard in the industry. Made in the USA.



Part #	Description	Weight
960-200	5/8" Flex Cutter Chuck	1.5 lbs.
960-100	1" Flex Cutter Chuck	1.5 lbs.

5/8" and 1" Saw Blade Hub

The 1" and 5/8" saw blade hubs are made of steel and zinc plated to resist corrosion. These hubs are used to connect flat, concave and spiral saw blades to a 1" mainline or a 5/8" lateral hydraulic root cutter shaft.

The 1" blade hub has two shaft connection adjustment holes that allow universal use on any manufacturer's root cutter drive shaft. The 5/8" blade hub connection hole is the same for all industry cutters. Each hub comes with a grade-5 bolt to secure the saw blade to the hub and another grade-5 bolt and nylon nut to secure the hub to the hydraulic root cutter. Made in the USA.

Part #	Description	Weight
950-220	5/8" Saw Blade Hub	1.1 lbs.
950-107	1" Saw Blade Hub	1.1 lbs.



950-220



950-107

CAK Tool Kit

The CAK Tool is an attachment tool used with a hydraulic root cutter. This tool includes an arbor hub, 3 pairs of cable cutters (choice of sizes) and a bore cutter in 5" or 7" sizes.

The arbor hub attaches to the root cutter drive shaft that securely holds the cable cutters and a front bore cutter. This is a great tool for scraping the full pipe diameter and removing grease, scale, roots or mineral deposits from the inside of a 6" to 30" pipe. Can also be used in cast iron pipe. Made in the USA.

Part #	Description
950-5000	CAK Tool Kit

Standard Kit Includes 6", 8", & 10"



CAK Tool Bore Cutter

The CAK Tool Bore Cutter blade is attached to the front of the CAK tool arbor hub. The blade is used to bore through grease or roots to allow the hydraulic root cutter and CAK cable cutters to move smoothly in a clogged pipe application. The blades manufactured from steel and powder painted to prevent rusting. Made in the USA.



Part #	Description
950-5150	5" CAK Tool Bore Cutter
950-5157	7" CAK Tool Bore Cutter

CAK Tool Cable Cutter

The CAK Tool cable cutters used in the CAK tool arbor hub are sold and used in pairs. These 1/2" cables are designed to take abuse from projectiles, offset joints or any other pipe obstruction.

This cable cutter flexibility prevents the hydraulic motor from stalling in sewer cleaning applications. The cable cutters are supplied in pairs for 6" to 30" pipe sizes. Made in the USA.

Part #	Description	Pipe Size
950-5005-4	CAK Tool Cable Cutter	4"
950-5005-6	CAK Tool Cable Cutter	6"
950-5005-8	CAK Tool Cable Cutter	8"
950-5005-10	CAK Tool Cable Cutter	10"
950-5005-12	CAK Tool Cable Cutter	12"
950-5005-16	CAK Tool Cable Cutter	16"
950-5005-18	CAK Tool Cable Cutter	18"
950-5005-20	CAK Tool Cable Cutter	20"
950-5005-24	CAK Tool Cable Cutter	24"
950-5005-30	CAK Tool Cable Cutter	30"

