Dear Customer,

Thank you for your interest in our equipment. Giddings Machine Company has been leading the industry manufacturing the highest quality soil sampling, coring & drilling equipment available, for over 75 years. Giddings Machine Company is the company that started it all and to which all other equipment is compared. Since the beginning we have equipped the industry with the best tooling and components to get the desired results quickly and efficiently. We manufacture the largest variety of soil sampling, coring, and drilling equipment available. Whether it be hand operated or hydraulically powered machines mounted on ATV, UV, Tractor Three Point, Truck, or Trailer. We are constantly improving our product and introducing new ideas in equipment to keep you on the leading edge of the industry by today’s standards. Everything we sell is manufactured right here in our facility so if you need something a little different or special we can take care of it.

All prices are FOB, Windsor, Colorado. In this way each customer pays their own freight leaving the equipment prices the same world wide.

Our manufacturing and sales outlet are both located in Windsor, Colorado - USA. We sell direct to the user only, there are no middlemen. In this way we can hold down the cost, eliminating unnecessary markups in pricing and uninformed or incorrect sales peoples information to you our customers.

Should you have any questions or need more information please call or write and we will be happy to help you in any way we can.

Sincerely,

Doug Mohrlang / President
Giddings Machine Company, Inc.
Giddings Machine Company started in business back in 1889 in Livermore, CO as a blacksmith shop. From there the company got into inventing, designing and manufacturing hay grinding equipment in the early 1900’s. That equipment was considered to be way ahead of its time when compared to anything else being built at that time. The company also incorporated a foundry into its production capabilities and started manufacturing head gates and components for the booming irrigation industry. In the late 1930’s the company started working with the USDA to develop soil sampling equipment. Several different prototypes had been developed and put into service up to the beginning of World War II. When the war started the company, being very successful in all aspects of manufacturing, went to work for the war effort. During the war time Giddings continued to develop soil sampling tooling and equipment. By the end of the war Giddings had sold all of its previous equipment patents to various other manufacturers and started manufacturing soil exploration equipment exclusively up to the present time. Giddings brings you the best in soil sampling, coring and drilling equipment available. Our 75 years of experience makes us one the oldest and most reliable company in the industry. We have machines that were built in the 1960s that are still out in the field working hard for our customers every day. We have sold soil sampling, coring and drilling equipment in all fifty states and 49 countries all over the world during the past 75 years.

That’s the kind of craftsmanship, design and reliability you can count on with a Giddings machine.
We are dedicated to serving our customers with quality workmanship, mechanical innovation & prompt, friendly service:
- We can usually customize any machine or tool to your specifications.
- We offer innovative improvements to reduce maintenance costs.
- We respond to the changing demands of the agricultural, environmental and construction industries with new models of machines and tooling to complete any task you may undertake.

Our decades of experience gives you the edge in completing your sampling or drilling job quickly, efficiently and easily. Nobody has been in the business longer and nobody can deliver craftsmanship and quick service like we can. We can guarantee this because everything we sell, we build right here in our Colorado factory. All components are in-stock, and all of our work is done in-house to save you valuable time and money.

Giddings Machine Company, Inc.
631 Technology Circle
Windsor, CO 80550
Toll-Free 1-800-611-0404
Phone (970) 674-0542

New Manufacturing Facility Windsor Colorado
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**The Giddings Advantage:**

- **Light-Weight, One-Person Operation** requires no specially trained operators.

- **Easy Operation** — with a few simple instructions anyone can operate the Giddings machine.

- **Fast Sampling** — with coring tubes, depths of 5 feet or more in seconds are possible.

- **Penetrates All Common Soils** — by using various types of tube bits available.

- **Bores Through Most Materials** — by using augers, it will cut through concrete, asphalt, soft rock, shale and similar structures.

- **Fully Hydraulic Powered** — all power, including rotary head, is transmitted by hydraulic oil, assuring light touch control.

- **Cores to Moderate Depths Fast** — traveling Kelly Bar permits depths of 25 feet or more. Spring loaded pin makes raising and lowering of Kelly bar simple and fast.

- **Quick Change** from rotary to probe tools by use of adapters.

- **Undisturbed Soil Samples** — cores can be recovered from 6” through 60” Depth intervals. Continuous cores to depths of 25 feet or more by careful measurement of the Kelly bar.

- **4-Way Leveling Device** — assures vertical coring and less wear and strain on equipment. Mast is leveled by adjusting two bolts and a turnbuckle.

- **Automotive Type Oil Filter** — guards oil pump and hydraulic components from undue wear.

---

**Customizing**

“We build it fast, make it with quality & design it for rugged reliability”

To help you tackle the tough jobs that require specialized equipment, Giddings is here to provide customized service. At our Colorado factory, we stock all components and do all our work in-house.

We can take your special tooling order in the morning and have it shipped out by that afternoon. Major customizing of machinery usually takes from just a few days to one week.

When you need just the right tool for your soil sampling, coring, or drilling, Giddings is the name you can count on for craftsmanship, service and reliability.

---

**The Giddings Anchoring System**

“Takes you to the max when it comes to down force.”

Do you need maximum down force to complete the job? Our patented swinging mast and anchoring system (standard on all models) allows you to anchor down several feet on each side of your core or drill site in just seconds. This gives you the extra edge in stability and power.

Other companies may advertise high down force, but if you can’t anchor your equipment down, you can only use the static weight of the machine and vehicle it is mounted on—so why buy other equipment that can not utilize all of its power as well as a Giddings Machine.

Giddings is the choice for reliable, field-tested equipment built to make your job easier.

---

**Innovations – Designing for Dependability**

All of our upgrades and innovations are dedicated to our customers’ need for rugged, trustworthy, low-maintenance equipment.

We understand the extreme conditions and terrain you may encounter, so we design our equipment for your success, job after job and year after year.

**Replacement upgrades eliminate common maintenance concerns**

⇒ With a simple, mechanical upgrade, we have eliminated the need to replace the mast and guide on your equipment ever again. Our new nylon buffers between the mast and guide eliminate wear, increase the precision fit, and enhance performance with smooth running stability.

⇒ We’ve also upgraded the rotary head units to eradicate the need for greasing, replacement or chain tension maintenance. Our new rotary head unit is sealed in oil so the chain and sprockets are always lubricated and running smoothly.

⇒ An improved hinge assembly for the drilling or transport position is designed to eliminate wear, adjustment, or repair & maintenance concerns and enhance performance.
NOTHING TACKLES THE JOB LIKE A GIDDINGS MACHINE

A Giddings Machine is crafted with skill based on over 75 years of experience in the industry. We offer a complete series of sampling, coring and drilling machines designed to fit your needs, no matter what job, terrain, or conditions.

<table>
<thead>
<tr>
<th>The #2 SERIES</th>
<th>The #10 SERIES (PUSH ONLY - NO ROTATION)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Side Mount Polaris Ace 4x4 Machine</strong></td>
<td><strong>Tractor</strong></td>
</tr>
<tr>
<td>Powered by a 20 HP Honda 2 Cyl Air Cooled Gas Engine</td>
<td>Machine Powered By Tractor Hydraulic System</td>
</tr>
<tr>
<td><strong>Hydraulic Motor: (No Kelly Bar System)</strong></td>
<td><strong>Truck Machine</strong></td>
</tr>
<tr>
<td>0-45 rpm (Adjustable)</td>
<td>Powered by a 22 HP Kohler 2 Cyl Air Cooled Gas Engine</td>
</tr>
<tr>
<td>300 ft lbs Torque (3,600 in lbs)</td>
<td><strong>Master Cylinder:</strong></td>
</tr>
<tr>
<td><strong>Master Cylinder:</strong></td>
<td>7,500 lbs Down Force @ .65 ft per sec</td>
</tr>
<tr>
<td>2,650 lbs Down Force @ ft per sec</td>
<td>4,800 lbs Pull Force @ 1.01 ft per sec</td>
</tr>
<tr>
<td>1,990 lbs Pull Force @ ft per sec</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>The #3 SERIES</th>
<th>The #15 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Side Mount - Truck or Utility Vehicle Machine</strong></td>
<td><strong>Standard Tractor, Truck, UV &amp; Trailer Machines</strong></td>
</tr>
<tr>
<td>Powered by a 22 HP Kohler 2cyl Air Cooled Gas Engine</td>
<td>31 HP Briggs &amp; Stratton 2 Cyl Air Cooled Gas Engine</td>
</tr>
<tr>
<td><strong>Hydraulic Motor:</strong> ( No Kelly Bar System )</td>
<td><strong>Tractor Machine Powered by Included Hydraulic Pump &amp; Drive System which is Driven by Tractor PTO</strong></td>
</tr>
<tr>
<td>0-45 rpm (Adjustable)</td>
<td><strong>Rotary Head:</strong></td>
</tr>
<tr>
<td>300 ft lbs Torque (3,600 in lbs)</td>
<td>0-110 rpm (Adjustable)</td>
</tr>
<tr>
<td><strong>Master Cylinder:</strong></td>
<td>800 ft lbs Torque (9,600 in lbs)</td>
</tr>
<tr>
<td>3,300 lbs Down Force @ .51 ft per sec</td>
<td><strong>Master Cylinder:</strong></td>
</tr>
<tr>
<td>2,250 lbs Pull Force @ .79 ft per sec</td>
<td>7,500 lbs Down Force @ .65 ft per sec</td>
</tr>
<tr>
<td></td>
<td>4,800 lbs Pull Force @ 1.01 ft per sec</td>
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<thead>
<tr>
<th>The #4 SERIES</th>
<th>The #25 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Side Mount - Truck or Utility Vehicle Machine</strong></td>
<td><strong>Heavy Duty Tractor, Truck, UV &amp; Trailer Machines</strong></td>
</tr>
<tr>
<td>Powered by a 22 HP Kohler 2Cyl Air Cooled Gas Engine</td>
<td>Powered by 35 HP Briggs &amp; Stratton 2 Cyl Air Cooled Gas Engine</td>
</tr>
<tr>
<td><strong>Rotary Head:</strong> ( w/ Kelly Bar System )</td>
<td><strong>Tractor Machine Powered by Included Hydraulic Pump &amp; Drive System which is Driven by Tractor PTO</strong></td>
</tr>
<tr>
<td>0-60 rpm (Adjustable)</td>
<td><strong>Rotary Head:</strong></td>
</tr>
<tr>
<td>400 ft lbs Torque (4,800 in lbs)</td>
<td>0-190 rpm (Adjustable)</td>
</tr>
<tr>
<td><strong>Master Cylinder:</strong></td>
<td>1,100 ft lbs Torque (13,200 in lbs)</td>
</tr>
<tr>
<td>3,300 lbs Down Force @ .51 ft per sec</td>
<td><strong>Master Cylinder:</strong></td>
</tr>
<tr>
<td>2,250 lbs Pull Force @ .79 ft per sec</td>
<td>7,500 lbs Down Force @ 1.1 ft per sec</td>
</tr>
<tr>
<td></td>
<td>7,500 lbs Pull Force @ 1.72 ft per sec</td>
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<tr>
<th>The #5 SERIES</th>
<th>The #35 SERIES</th>
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<tbody>
<tr>
<td><strong>UV</strong></td>
<td><strong>Extra Heavy Duty Tractor or Truck Mounted Machine</strong></td>
</tr>
<tr>
<td>Polaris Ranger 6x6, John Deere Gator HPX 4x4, or Any Utility Vehicle w/ min 48” w x 42”d rear platform that has a minimum 1,000 lb Box Pay Load Capacity Rating</td>
<td>Included Hydraulic System Powered by Truck or Tractor PTO (Power Take Off)</td>
</tr>
<tr>
<td>Powered by a 25 HP Kohler 2 Cyl Air Cooled Gas Engine</td>
<td><strong>Rotary Head:</strong> (Two Speed)</td>
</tr>
<tr>
<td><strong>ATV Machine</strong></td>
<td><strong>Low Speed High Torque Position</strong></td>
</tr>
<tr>
<td>Polaris Ace 4x4</td>
<td>0-75 rpm (Adjustable)</td>
</tr>
<tr>
<td><strong>Mini- Tractor 3 Point Machines</strong></td>
<td>2,100 ft lbs Torque (26,400 in lbs)</td>
</tr>
<tr>
<td>Min 20 HP Cat-1 3-Pt Agriculture Type Tractor</td>
<td><strong>High Speed Low Torque Position</strong></td>
</tr>
<tr>
<td>Included Hydraulic System Powered by Tractor PTO</td>
<td>0-150 rpm (Adjustable)</td>
</tr>
<tr>
<td><strong>Bobcat Machine</strong></td>
<td>1,100 ft lbs Torque (13,200 in lbs)</td>
</tr>
<tr>
<td>MT52/MT55 Mini Track Loader</td>
<td><strong>Master Cylinder:</strong></td>
</tr>
<tr>
<td>Powered by Track Loader Auxiliary Hydraulic System</td>
<td>24,000 lbs Down Force @ ft per sec</td>
</tr>
<tr>
<td><strong>Rotary Head:</strong></td>
<td>20,000 lbs Pull Force @ ft per sec</td>
</tr>
<tr>
<td>0-90 rpm (Adjustable)</td>
<td></td>
</tr>
<tr>
<td>600 ft. lbs Torque (6,900 in lbs)</td>
<td></td>
</tr>
<tr>
<td><strong>Master Cylinder:</strong></td>
<td></td>
</tr>
<tr>
<td>4,100 lbs Down Force @ .62 ft per sec</td>
<td></td>
</tr>
<tr>
<td>2,800 lbs Pull Force @ .91 ft per sec</td>
<td></td>
</tr>
</tbody>
</table>

* All Specifications are Standard

Specifications May Be Altered to Meet Your Requirements
Please Contact Us for Further Information
# 5-TS / Model MGSRTS  $ 18,256.00

Hydraulic Soil Sampling, Coring and Drilling Machine

This model mounts on Tractor 3 pt. hitch. Machine is powered by Tractor PTO through hydraulic pump and drive assembly provided with machine. Designed for small Category 1 Hitch Tractors. Unit is completely constructed of Aluminum. 

Standard Features Include:

- Heavy Duty Rotary Head
- 180deg Swinging Mast
- 42” Stroke Mast
- 4’ Kelly Bar
- 5 Gal. Oil Reservoir
- 4 Way Leveling System
- Hydraulic Oil Cooler
- Machine Anchoring System
- Hydraulic Pump & Drive, Hoses, & all Required Components for Installation

Weight 400 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

MACHINE DIMENSIONS (Mounted on Tractor)

OVERALL - WIDTH 48” / LENGTH 144” / HEIGHT (TRAVEL) 84” (OPERATING) 102”

EQUIPMENT SPECIFICATIONS

ROTARY HEAD 0 – 90 RPM (ADJUSTABLE)
575 FT LBS TORQUE (8,580 IN LBS)

MASTER CYLINDER 4,100 LBS DOWN FORCE
@ .65 FT PER SECOND
2,800 LBS PULL FORCE
@ 1.01 FT PER SECOND

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 30 FT  / 6” TO 25 FT / 8” TO 20 FT /10” TO 10 FT

(Pictured w/ optional Side Mount Kelly Bar/Tool/Storage Boxes)
#5-TS / Model MGSRTS

$ 18,256.00
(Not Including Tractor)

MACHINE OPTIONS

#MO-200 54” Stroke Mast........................................ $ 291.88
#MO-202 66” Stroke Mast....................................... $ 583.76
#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $ 861.25
#MO-206 Hydraulic Mast Laydown System ........ $ 1,080.13
#MO-212 Rotary Cathead Attachment............... $ 2,273.54
#MO-214 140 lb Drop Hammer (ASTM Spec) .... $ 876.63
#MO-215 Drop Hammer Carrier.......................... $ 262.51
#MO-216 Adapter Pin Tool/Hammer.................... $ 41.05
#MO-218 Vise Grip Chain Wrench...................... $ 69.18
#MO-220 Hand Tool Kit...................................... $ 424.19
#MO-226 Tractor Machine Storage Cart.............. $ 2,173.96
#MO-230 5ft x 10ft Custom Low Boy Trailer .... $ 4,497.85
#MO-231 5ft x 12ft Custom Low Boy Trailer ..... $ 4,947.64
#MO-232 5ft x 14ft Custom Low Boy Trailer ..... $ 5,397.42
(High Quality Trailers Specifically Built for These Machines)
(Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
#MO-233 Tandem Axle Trailer............................. $ 1,672.92
#MO-234 Low Boy Trailer Side Mount Toolbox..... $ 666.37
#MO-237 Front Mount Tool/Storage Box............. $ 522.51
#MO-239 Side Mount Tool/Storage Box.............. $ 623.16
#MO-286 Master Cylinder Speed Control............. $ 409.66
#MO-290 Automatic Machine Anchoring System .. $ 8,155.05

All Prices Subject To Change Without Notice
# 10-T / Model GST $ 9,986.00

Hydraulic Soil Sampling and Coring Machine

This model is for the use of soil tubes only. It mounts on a Tractor 3 pt. hitch. Machine is powered by Tractor Hydraulic System. Machine is completely constructed of steel.

Standard Features Include:

- Rigid Mount Mast
- 54” Stroke Mast
- Probe Head
- 8’ Kelly Bar
- 4 Way Leveling System

**Weight** 800 lbs

**THIS MACHINE FEATURES DIRECT PUSH ONLY**

**DESIGNED FOR THE USE OF SOIL SAMPLING TUBES UP TO 10” DIA.**

**SPECIFICATIONS**

**MASTER CYLINDER**

- 7,400 LBS DOWN FORCE
- @ .65 FT PER SECOND
- 4,750 LBS PULL FORCE
- @ 1.01 FT PER SECOND

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

Undisturbed soil cores from 1-1/4” to 4-1/4” DIA to various depths depending on soil conditions

Usually until it reaches a very hard layer

**This Model is PUSH ONLY / NO ROTATION**
#10-T / Model GST

$9,986.00
(Not including tractor)

MACHINE OPTIONS

#MO-100 66” Stroke Mast ........................................ $269.63
#MO-102 78” Stroke Mast ........................................ $539.12
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $791.27
#MO-106 Hydraulic Mast Laydown System ......... $1,239.98
#MO-116 Adapter Pin Tool/Hammer ..................... $41.05
#MO-118 Vise Grip Chain Wrench ....................... $69.18
#MO-120 Hand Tool Kit ......................................... $424.19
#MO-126 Tractor Machine Storage Cart .............. $2,173.96
#MO-137 Front Mount Tool/Storage Box .............. $522.51
#MO-139 Side Mount Kelly Bar/Tool/Storage Box ... $623.16
#MO-186 Master Cylinder Speed Control .............. $409.66
#MO-190 Automatic Machine Anchoring System .. $8,155.05

All Prices Subject To Change Without Notice
# 15- TS / Model GSRTS  $16,884.00

Hydraulic Soil Sampling, Coring and Drilling Machine

This model mounts on a Tractor 3 pt. hitch. Machine is powered by Tractor PTO through hydraulic pump and drive assembly provided with machine. Standard Features Include:

- Heavy Duty Rotary Head
- 180deg Swinging Mast
- 54” Stroke Mast
- 8’ Kelly Bar
- 20 Gal. Oil Reservoir
- Machine Anchoring System
- 4 Way Leveling System
- Hydraulic Pump & Drive, Hoses, & all Required Components for Installation

Weight 800 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

**EQUIPMENT SPECIFICATIONS**

**ROTARY HEAD**
- 0 - 110 RPM (ADJUSTABLE)
- 800 FT LBS TORQUE (9,600 IN LBS)

**MASTER CYLINDER**
- 7,500 LBS DOWN FORCE
- @ .65 FT PER SECOND
- 4,800 LBS PULL FORCE
- @ 1.01 FT PER SECOND

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 30 FT / 6” TO 25 FT / 8” TO 20 FT /10” TO 10 FT
#15-TS / Model GSRTS

$16,884.00
(Not including Tractor)

MACHINE OPTIONS

#MO-100   66” Stroke Mast ........................................ $ 269.63
#MO-102   78” Stroke Mast ........................................ $ 539.12
#MO-104   Hydraulic Rotary Tube Cleaning Brush .... $ 791.27
#MO-106   Hydraulic Mast Laydown System ........ $ 1,239.98
#MO-110   Hydraulic Oil Cooler ............................... $ 589.13
#MO-112   Rotary Head/Cathead Attachment .......... $ 2,083.95
#MO-114   140lb SPT Drop Hammer (ASTM Spec) .... $ 876.63
#MO-115   Drop Hammer Carrier ............................ $ 218.76
#MO-116   Adapter Pin Tool/Hammer ...................... $ 41.05
#MO-118   Vise Grip Chain Wrench ......................... $ 69.18
#MO-120   Hand Tool Kit ....................................... $ 424.19
#MO-126   Tractor Machine Storage Cart ................. $ 2,173.96
#MO-137   Front Mount Tool/Storage Box ............... $ 522.51
#MO-139   Side Mount Kelly Bar/Tool/Storage Box .... $ 623.16
#MO-141   Side Mount Auger Rack w/ Shelves .......... $ 979.63
#MO-186   Master Cylinder Speed Control .............. $ 409.66
#MO-188   2spd Rotary Head-LSHT/HSLT ............... $ 2,268.16
#MO-190   Automatic Machine Anchoring System .. $ 8,155.05

All Prices Subject To Change Without Notice
# 25-TS / Model HDGSRTS $19,496.00

Hydraulic Soil Sampling, Coring and Drilling Machine

This model mounts on a Cat #2 or #3 Tractor 3 pt. hitch. Machine is powered by Tractor PTO through hydraulic pump and drive assembly provided with machine. Standard Features Include:

- Heavy Duty Rotary Head
- 8’ Heavy Duty Kelly Bar
- Machine Anchoring System
- Heavy Duty Hydraulic Pump & Drive, Hoses, & all Required Components for Installation

Weight 1000 lbs.

THIS MODEL FEATURES DIRECT PUSH ONLY or w/ ROTATION COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

**EQUIPMENT SPECIFICATIONS**

**ROTARY HEAD**
- 0 - 190 RPM (ADJUSTABLE)
- 1,100FT LBS TORQUE (13,200 IN LBS)

**MASTER CYLINDER**
- 12,000 LBS DOWN FORCE
  @ .88 FT PER SECOND
- 7,500 LBS PULL FORCE
  @ 1.38 FT PER SECOND

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

*When Using Thin Walled Soil Sampling Tubes*
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

*When Using Continuous Type Augers*
4” TO 60 FT / 6” TO 50 FT / 8” TO 30 FT /10” TO 20 FT
#25-TS / Model HDGSRTS

$ 19,496.00
(Not Including Tractor)

MACHINE OPTIONS

#MO-100  66” Stroke Mast ........................................... $ 269.63
#MO-102  78” Stroke Mast ........................................... $ 539.12
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $ 791.27
#MO-107 Hydraulic Mast Laydown System .......... $ 1,239.98
#MO-112 Rotary Head/Cathead Attachment ...... $ 2,083.95
#MO-114 140lb SPT Drop Hammer (ASTM Spec) .. $ 876.63
#MO-115 Drop Hammer Carrier .......................... $ 218.76
#MO-116 Adapter Pin Tool/Hammer ...................... $ 41.05
#MO-118 Vise Grip Chain Wrench ........................ $ 69.18
#MO-120 Hand Tool Kit .......................... $ 424.19
#MO-126 Tractor Machine Storage Cart .......... $ 2,173.96
#MO-137 Front Mount Tool/Storage Box .............. $ 522.51
#MO-139 Side Mount Kelly Bar/Tool/Storage Box ... $ 623.16
#MO-141 Side Mount Auger Rack w/ Shelves .... $ 979.63
#MO-186 Master Cylinder Speed Control ........... $ 409.66
#MO-188 2spd Rotary Head – LSHT/HSLT ........ $ 2,268.16
#MO-190 Automatic Machine Anchoring System .. $ 8,155.05

All Prices Subject To Change Without Notice
# 35-TS / Model XHDGSRTS  $ 29,915.00

Hydraulic Soil Sampling, Coring and Drilling Machine

This model mounts on a Cat #2 or #3 Tractor 3 pt. hitch. Machine is powered by Tractor PTO through hydraulic pump and drive assembly provided with machine. Standard Features Include:

- 2 Spd XHD Rotary Head
- 4ft XHD 2” Kelly Bar
- Machine Anchoring System
- Hydraulic Pump & Drive Assembly including Hoses & all Required Components for Installation

Standard Features Include:

- 180deg Swinging Mast
- 60” Stroke Mast
- 25 Gal. Oil Reservoir
- Hydraulic Oil Cooler
- Master Cylinder Speed Control
- 4 Way Leveling System

Weight 1,800 lbs.

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 18” DIA

EQUIPMENT SPECIFICATIONS

ROTARY HEAD

<table>
<thead>
<tr>
<th>(2 SPEED)</th>
<th>LOW SPEED / HIGH TORQUE SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 - 75 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td></td>
<td>2,200 FT LBS TORQUE (26,400 IN LBS)</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>HIGH SPEED / LOW TORQUE SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-150 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td>1,100 FT LBS TORQUE (13,200 IN LBS)</td>
</tr>
</tbody>
</table>

MASTER CYLINDER

<table>
<thead>
<tr>
<th>@ 0 - 1.1 FT PER SECOND (ADJUSTABLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24,000 LBS DOWN FORCE</td>
</tr>
<tr>
<td>20,000 LBS PULL FORCE</td>
</tr>
<tr>
<td>@ 0 - 1.72 FT PER SECOND (ADJUSTABLE)</td>
</tr>
</tbody>
</table>

Approximate Capabilities Under Normal Conditions

When Using Thin Walled Soil Sampling Tubes

Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA
To Various Depths Depending on Soil Conditions
Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers

4” TO 150 FT / 6” TO 120 FT / 8” TO 90 FT
10” TO 75 FT / 12” TO 60 FT

Shown w/ Optional 140lb Automatic SPT Drop Hammer, Tool Pulling
Winch, Side Mount Auger Racks & Kelly Bar/Tool/Storage Boxes
#35-TS / Model XHDGSRTS

$ 29,915.00
(Not Including Tractor)

MACHINE OPTIONS

#MO-101  72” Stroke Mast ........................................ $ 353.23
#MO-103  84” Stroke Mast ........................................ $ 706.44
#MO-104 Hydraulic Rotary Tube Cleaning Brush ....... $ 791.27
#MO-107 Hydraulic Mast Laydown System .......... $ 1,239.98
#MO-113 Rotary Head/Cathead Attachment ............ $ 2,237.82
#MO-114  140lb SPT Drop Hammer (ASTM Spec) ... $ 876.63
#MO-115 Drop Hammer Carrier ................................ $ 218.76
#MO-116 Adapter Pin Tool/Hammer ..................... $ 41.05
#MO-118 Vise Grip Chain Wrench ....................... $ 69.18
#MO-120 Hand Tool Kit ....................................... $ 424.19
#MO-126 Tractor Machine Storage Cart ............... $ 2,871.35
#MO-137 Front Mount Tool/Storage Box ............... $ 522.51
#MO-139 Side Mount Kelly Bar/Tool/Storage Box ..... $ 623.16
#MO-141 Side Mount Auger Rack/Box (Front Load)  $ 979.63
#MO-160 Tool Pulling Winch / Cathead Mount ...... $ 4,928.68
#MO-170  140lb Automatic SPT Drop Hammer .... $ 7,467.14
#MO-171  170lb Automatic SPT Drop Hammer ....... $ 7,573.38

(Automatic SPT Drop Hammers Meet ASTM Specifications)

#MO-180  #35 Rotary Head to 1 1/4” Kelly Bar Adapt $ 720.04

All Prices Subject to Change Without Notice
#2-SM / Model SMATV

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are mounted on a Polaris Ace 4x4 All Terrain Vehicle. This model is self-powered by a 20 HP OHV V-Twin Honda Air Cooled Gas Engine, equipped with 12 volt starter and alternator. Coring machine power is completely separate from ATV engine and fuel system. Complete Coring/Drilling Machine is constructed of aluminum.

Standard Features Include:

- Hydraulic Motor Drive
- 42” Stroke Mast
- Enclosed Tool Carrier
- 10gal Oil Reservoir
- 2.5 gal Gas Tank
- Engine Mounted Control Panel

Weight 800 lbs.

MACHINE DIMENSIONS (Mounted on Polaris Ace)

OVERALL – WIDTH 48” / LENGTH 132” / HEIGHT 84” (TRAVEL) - 102” (OPERATING)

THIS MACHINE FEATURES DIRECT PUSH ONLY -OR- DIRECT PUSH & ROTARY COMBINATION DESIGNED FOR USE OF ALL TYPES OF SOIL TUBES UP TO 4” DIA

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4” DIA
To Various Depths Depending on Soil Conditions
Usually until a Bedrock Layer is Reached

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>ROTARY MOTOR</th>
<th>0 - 45 RPM (ADJUSTABLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 FT LBS TORQUE (6,900 IN LBS)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MASTER CYLINDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,650 LBS DOWN FORCE</td>
</tr>
<tr>
<td>@ .62 FT PER SECOND</td>
</tr>
<tr>
<td>1,990 LBS PULL FORCE</td>
</tr>
<tr>
<td>@ .91 FT PER SECOND</td>
</tr>
</tbody>
</table>
#2-SM / Model SMGSRATV

Coming Soon

$(Includes Polaris Ace 4x4 ATV)

MACHINE OPTIONS

#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $861.25
#MO-216 Adapter Pin Tool/Hammer .................. $41.05
#MO-218 Vise Grip Chain Wrench ..................... $69.18
#MO-220 Hand Tool Kit .................................. $424.19
#MO-228 8ft ATV XHD Loading Ramps (Pair) ...... $582.76
#MO-230 5ft x 10ft Custom Low Boy Trailer ...... $4,497.85
#MO-231 5ft x 12ft Custom Low Boy Trailer ...... $4,947.64
#MO-232 5ft x 14ft Custom Low Boy Trailer ...... $5,397.42
   (High Quality Trailers Specifically Built For These Machines)
   (Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
#MO-233 Tandem Axle Trailer ........................ $1,499.03
#MO-234 Low Boy Trailer Side Mount Toolbox ...... $574.46
#MO-236 Dash Mount Work Surface / Tray .......... $248.15
#MO-238 Saddle Bag Tool / Sample Boxes......... $**See Note

*****NOTE***** (Depending on Style & Size)

All Prices Subject To Change Without Notice
COMING SOON

#5-ATV / Model GSRSATV $

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are mounted on a Polaris Ace 4x4 All Terrain Vehicle. This model is self-powered by a 25 HP OHV V-Twin Kohler Air Cooled Gas Engine, equipped with 12 volt starter and alternator. Coring machine power is completely separate from ATV engine and fuel system.

Complete Coring/Drilling Machine is constructed of aluminum.

Standard Features Include:

- Heavy Duty Rotary Head
- 4’ Kelly Bar
- Reclining Mast
- 4 Way Leveling System

42” Stroke Mast  
10gal Oil Reservoir  
5gal Gas Tank

Machine Anchoring System  
Enclosed Tool Carrier  
Gauge & Control Panel

Hydraulic Oil Cooler

Weight 1,400 lbs.

MACHINE DIMENSIONS  (Mounted on Polaris Ace)

OVERALL – WIDTH 48” / LENGTH 132” / HEIGHT 84” (TRAVEL) - 102” (OPERATING)

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION DESIGNED FOR USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC / UP TO 10” DIA

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes

Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA

To Various Depths Depending on Soil Conditions

Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers

4” DIA TO 30 FT / 6” DIA TO 25 FT

8” DIA TO 20 FT / 10” DIA TO 10 FT

EQUIPMENT SPECIFICATIONS

| ROTARY HEAD | 0 - 90 RPM (ADJUSTABLE)  
| 575 FT LBS TORQUE (6,900 IN LBS) |  

| MASTER CYLINDER | 4,085 LBS DOWN FORCE  
| @ .62 FT PER SECOND  
| 2,800 LBS PULL FORCE  
| @ .91 FT PER SECOND |
#5-ATV / Model GSRSATV

**Coming Soon**

$ (Includes Polaris Ace 4x4 ATV)

## MACHINE OPTIONS

| Option Code | Description                                      | Price  
|-------------|--------------------------------------------------|--------
| #MO-200     | 54” Stroke Mast                                 | $ 291.88  
| #MO-202     | 66” Stroke Mast                                 | $ 583.76  
| #MO-204     | Hydraulic Rotary Tube Cleaning Brush            | $ 861.25  
| #MO-216     | Adapter Pin Tool/Hammer                         | $ 41.05  
| #MO-218     | Vise Grip Chain Wrench                          | $ 69.18  
| #MO-220     | Hand Tool Kit                                   | $ 424.19  
| #MO-228     | 8ft ATV XHDL Motor Loading Ramps (Pair)          | $ 582.76  
| #MO-230     | 5ft x 10ft Custom Low Boy Trailer               | $ 4,497.85  
| #MO-231     | 5ft x 12ft Custom Low Boy Trailer               | $ 4,947.64  
| #MO-232     | 5ft x 14ft Custom Low Boy Trailer               | $ 5,397.42  
|             | (High Quality Trailers Specifically Built For These Machines) |        
|             | (Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck) |        
| #MO-233     | Tandem Axle Trailer                             | $ 1,499.03  
| #MO-234     | Low Boy Trailer Side Mount Toolbox              | $ 574.46  
| #MO-236     | Dash Mount Work Surface / Tray                  | $ 248.15  
| #MO-238     | Saddle Bag Tool / Sample Boxes                  | $ **See Note**  
|             | ******NOTE***** (Depending on Style & Size)      |        
| #MO-286     | Master Cylinder Speed Control                   | $ 367.08  
| #MO-290     | Automatic Machine Anchoring System              | $ 5,996.10  

All Prices Subject To Change Without Notice
All Aluminum Machine Components are secured on a Steel Tubing Frame. This Machine mounts to the Mini Bobcat Loaders using the quick detach plate used on all Bobcat Attachments. Machine is powered by the remote hydraulic system of the Bobcat with quick connect plugs. Standard Features Include:

- Heavy Duty Rotary Head
- 42” Stroke Mast
- 4’ Kelly Bar
- 4 Way Leveling System

(Machine Only) Weight 600 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION
DESIGNED FOR USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC / UP TO 10” DIA

MACHINE DIMENSIONS

MT-50 Bobcat – WIDTH 36” / LENGTH 100” / HEIGHT (TRAVEL) 72” (OPERATING) 102”
MT-52 Bobcat – WIDTH 48” / LENGTH 100” / HEIGHT (TRAVEL) 72” (OPERATING) 102”

EQUIPMENT SPECIFICATIONS

ROTARY HEAD 0 - 90 RPM (ADJUSTABLE)
575 FT LBS TORQUE (6,900 IN LBS)

MASTER CYLINDER
4,100 LBS DOWN FORCE
@ .62 FT PER SECOND
2,800 LBS PULL FORCE
@ .91 FT PER SECOND

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA
To Various Depths Depending on Soil Conditions
Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 30 FT / 6” TO 25 FT / 8” TO 20 FT /10” TO 10 FT
#5-BC / Model GSRBC

$ 21,110.00
(Not Including Bobcat)

MACHINE OPTIONS

#MO-200  54” Stroke Mast ........................................ $ 291.88
#MO-202  66” Stroke Mast ........................................ $ 583.76
#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $ 861.25
#MO-212 Rotary Head/Cathead Attachment .......... $ 2,273.54
#MO-214  140lb SPT Drop Hammer  (ASTM Spec) $ 876.63
#MO-215 Drop Hammer Carrier ............................ $ 262.51
#MO-216 Adapter Pin Tool/Hammer ....................... $ 41.05
#MO-218 Vise Grip Chain Wrench ........................ $ 69.18
#MO-220 Hand Tool Kit ...................................... $ 424.19
#MO-230  5ft x 10ft Custom Low Boy Trailer ...... $ 4,497.85
#MO-231  5ft x 12ft Custom Low Boy Trailer ...... $ 4,947.64
#MO-232  5ft x 14ft Custom Low Boy Trailer ...... $ 5,397.42
(High Quality Trailers Specifically Built For These Machines)
(Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
(Torflex Axle w/ Hydraulic Surge Brakes, Stop, Turn & Tail Lights)
#MO-233 Tandem Axle Trailer ............................... $ 1,672.92
#MO-234 Low Boy Trailer Side Mount Toolbox ........ $ 641.10
#MO-238 Saddle Bag Tool / Sample Boxes ............ $ **See Note
*****NOTE***** (Depending on Style & Size)
#MO-286 Master Cylinder Speed Control ............... $ 409.66
#MO-290 Automatic Machine Anchoring System .... $ 8,155.05

All Prices Subject To Change Without Notice
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 48” wide x 42 deep” (122cm x 107cm) floor plate designed to mount on a Polaris Ranger 6x6, John Deere Gator HPX 4x4 or Any Utility Vehicle w/ a minimum 48” x 42” d Rear Platform that has a minimum 1,000 lb Box Pay Load Capacity. (This unit could be used in the back of a pickup truck also) This model is self powered by a 25 HP OHV V-Twin Air Cooled Kohler Gas Engine, equipped with 12 volt starter and alternator. Complete unit constructed of **aluminum**.

Standard Features Include:

- Heavy Duty Rotary Head
- 4’ Kelly Bar
- Reclining Tailgate Mount
- 4 Way Leveling System
- Swinging Mast (30” C-C)
- 42” Stroke Mast
- 10gal Oil Reservoir
- 5gal Oil Reservoir
- Machine Anchoring System
- Gauge & Control Panel
- Hydraulic Oil Cooler
- Pipe Vise

**Weight** 900 lbs

**MACHINE DIMENSIONS**

(Mounted on 6 x 4 Gator)

**WIDTH 60” / LENGTH 144” / HEIGHT (TRAVEL) 84” (OPERATING) 102”**

**EQUIPMENT SPECIFICATIONS**

**ROTARY HEAD**

- 0 - 90 RPM (ADJUSTABLE)
- 575 FT LBS TORQUE (6,900 IN LBS)

**MASTER CYLINDER**

- 4,100 LBS DOWN FORCE
  @ .62 FT PER SECOND
- 2,800 LBS PULL FORCE
  @ .91 FT PER SECOND

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

**When Using Thin Walled Soil Sampling Tubes**

Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA
To Various Depths Depending on Soil Conditions
Usually until a Bedrock Layer is Reached

**When Using Continuous Type Augers**

4” TO 30 FT / 6” TO 25 FT / 8” TO 20 FT / 10” TO 10 FT
#5-UV / Model MGSRPSUV

$ 27,706.00
(Not Including Utility Vehicle)

**MACHINE OPTIONS**

- **#MO-200** 54” Stroke Mast ........................................ $ 291.88
- **#MO-202** 66” Stroke Mast ........................................ $ 583.76
- **#MO-204** Hydraulic Rotary Tube Cleaning Brush .......... $ 861.25
- **#MO-208** Front Mount Kelly Bar/Tool / Storage Box $ 816.42
- **#MO-212** Rotary Head/Cathead Attachment ............... $ 2,273.54
- **#MO-214** 140lb SPT Drop Hammer (ASTM Spec) $ 876.63
- **#MO-215** Drop Hammer Carrier ............................... $ 262.51
- **#MO-216** Adapter Pin Tool/Hammer ......................... $ 41.05
- **#MO-218** Vise Grip Chain Wrench ........................... $ 69.18
- **#MO-220** Hand Tool Kit ........................................ $ 424.19
- **#MO-228** 8ft XHD Aluminum Loading Ramps .......... $ 582.76
- **#MO-230** 5ft x 10ft Custom Low Boy Trailer ......... $ 4,497.85
- **#MO-231** 5ft x 12ft Custom Low Boy Trailer ......... $ 4,947.64
- **#MO-232** 5ft x 14ft Custom Low Boy Trailer ......... $ 5,397.42
  (High Quality Trailers Specifically Built For These Machines)
  (Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
  (Torflex Axle w/ Hydraulic Surge Brakes, Stop/Turn & Tail Lights)
- **#MO-233** Tandem Axle Trailer ................................ $ 1,672.92
- **#MO-234** Low Boy Trailer Side Mount Toolbox ........ $ 641.10
- **#MO-236** Dash Mount Work Surface / Tray ............ $ 276.94
- **#MO-238** Saddle Bag Tool / Sample Storage Box $**See Note
  *****NOTE**** (Depending on Style & Size)
- **#MO-286** Master Cylinder Speed Control ................. $ 409.66
- **#MO-290** Automatic Machine Anchoring System .. $ 8,155.05

**All Prices Subject To Change Without Notice**
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 4’ x 6’ (122 x 183 cm) Aluminum base plate designed to mount on a Centaur Utility Vehicle or equivalent. This model is self powered by a 31 HP, Two Cylinder, Air Cooled Briggs & Stratton Vanguard Gas Engine equipped with a 12 volt starter and alternator.

Complete Machine is Built of Aluminum.

Standard Features Include:

- Heavy Duty Rotary Head
- Pipe Vise
- 20gal Oil Reservoir
- 8ft Kelly Bar
- Swinging Mast
- 54” Stroke Mast
- Enclosed Drill Tool Carrier
- 5gal Gas Tank
- Machine Anchoring System
- Reclining Tail Gate Mount
- 4 Way Leveling System
- Gauge & Control Panel

Weight 1,000 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION
DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTARY HEAD</td>
<td>0 - 110 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td></td>
<td>800 FT LBS TORQUE (9,600 IN LBS)</td>
</tr>
<tr>
<td>MASTER CYLINDER</td>
<td>7,400 LBS DOWN FORCE</td>
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<tr>
<td></td>
<td>@ .65 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>4,750 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ 1.01 FT PER SECOND</td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on
Soil Conditions / Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 40 FT / 6” TO 35 FT / 8” TO 25 FT /10” TO 15 FT

Shown with Optional Machine Automatic
Anchoring System & Optional Track System
(Mounted on Centaur Utility Vehicle)
#15-UV  / Model GSRPSU

$ 33,539.00  
(Not Including Utility Vehicle)

MACHINE OPTIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#MO-201</td>
<td>66” Stroke Mast</td>
<td>$ 305.37</td>
</tr>
<tr>
<td>#MO-203</td>
<td>78” Stroke Mast</td>
<td>$ 610.74</td>
</tr>
<tr>
<td>#MO-204</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 861.25</td>
</tr>
<tr>
<td>#MO-208</td>
<td>Front Mount Kelly Bar/Tool/Storage Box</td>
<td>$ 816.42</td>
</tr>
<tr>
<td>#MO-210</td>
<td>Hydraulic Oil Cooler</td>
<td>$ 589.13</td>
</tr>
<tr>
<td>#MO-213</td>
<td>Rotary Head/Cathead Attachment</td>
<td>$ 2,273.54</td>
</tr>
<tr>
<td>#MO-214</td>
<td>140lb SPT Drop Hammer (ASTM SPEC)</td>
<td>$ 876.63</td>
</tr>
<tr>
<td>#MO-215</td>
<td>Drop Hammer Carrier</td>
<td>$ 262.51</td>
</tr>
<tr>
<td>#MO-216</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$ 41.05</td>
</tr>
<tr>
<td>#MO-218</td>
<td>Vise Grip Chain Wrench</td>
<td>$ 69.18</td>
</tr>
<tr>
<td>#MO-220</td>
<td>Hand Tool Kit</td>
<td>$ 424.19</td>
</tr>
<tr>
<td>#MO-234</td>
<td>Low Boy Trailer Side Tool/Storage Box</td>
<td>$ 641.10</td>
</tr>
<tr>
<td>#MO-238</td>
<td>Saddle Bag Tool/Sample/Storage Box</td>
<td>See Note</td>
</tr>
<tr>
<td>#MO-240</td>
<td>6ft x 12ft Tandem Axle Low Boy Trailer</td>
<td>$ 6,677.35</td>
</tr>
<tr>
<td>#MO-242</td>
<td>6ft x 14ft Tandem Axle Low Boy Trailer</td>
<td>$ 7,127.13</td>
</tr>
<tr>
<td></td>
<td>(High Quality Trailers Specifically Built for These Machines)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)</td>
<td></td>
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<tr>
<td></td>
<td>(Torflex Axle w/ Hydraulic Surge Brakes, Stop/Turn &amp; Tail Lights)</td>
<td></td>
</tr>
<tr>
<td>#MO-150</td>
<td>Side Feed Water Swivel / AW</td>
<td>$ 737.23</td>
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<tr>
<td>#MO-151</td>
<td>Side Feed Water Swivel / AWJ</td>
<td>$ 761.70</td>
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<tr>
<td>#MO-252</td>
<td>Low Pressure Water Pump System</td>
<td>$ 1,606.93</td>
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<tr>
<td>#MO-253</td>
<td>High Pressure Water Washing System</td>
<td>$ 2,143.32</td>
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<tr>
<td>#MO-254</td>
<td>25gal Water Tank</td>
<td>$ 755.15</td>
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<tr>
<td>#MO-255</td>
<td>50gal Water Tank</td>
<td>$ 1,121.19</td>
</tr>
<tr>
<td>#MO-256</td>
<td>75gal Water Tank</td>
<td>$ 1,487.22</td>
</tr>
<tr>
<td></td>
<td>(Water Tanks Are Made of Aluminum)</td>
<td></td>
</tr>
<tr>
<td>#MO-257</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
<td>$ 468.07</td>
</tr>
<tr>
<td>#MO-259</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$ 563.68</td>
</tr>
<tr>
<td>#MO-286</td>
<td>Master Cylinder Speed Control</td>
<td>$ 409.66</td>
</tr>
<tr>
<td>#MO-288</td>
<td>2spd Rotary Head</td>
<td>$ 2,268.16</td>
</tr>
<tr>
<td>#MO-290</td>
<td>Automatic Machine Anchoring System</td>
<td>$ 8,155.05</td>
</tr>
</tbody>
</table>

****Note**** Depending on Size and Style

All Prices Subject To Change Without Notice
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 5’ x 6’ (152 x 183 cm) Aluminum base plate designed to mount on a Centaur Utility Vehicle or equivalent. This model is self powered with a 35 HP, 2 Cyl. Vanguard Briggs & Stratton Air Cooled Gas Engine equipped with a 12 volt starter and alternator. Complete machine constructed from Aluminum.

Standard Features Include:

- Heavy Duty Rotary Head
- Pipe Vise
- 8’ Heavy Duty Kelly Bar
- Hydraulic Oil Cooler
- 4 Way Leveling System

Swinging Mast
54” Stroke Mast
Machine Anchoring System
Reclining Tail Gate Mount
Enclosed Drill Tool Carrier
Gauge & Control Panel

Weight 1,500 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION
DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>ROTARY HEAD</th>
<th>0 - 190 RPM (ADJUSTABLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,100 FT LBS TORQUE (13,200 IN LBS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MASTER CYLINDER</th>
<th>12,000 LBS DOWN FORCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ .88 FT PER SECOND</td>
<td>7,500 LBS PULL FORCE</td>
</tr>
<tr>
<td>@ 1.38 FT PER SECOND</td>
<td></td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 60 FT / 6” TO 50 FT / 8” TO 30 FT /10” TO 20 FT

(Machine Shown w/ Automatic Machine Anchoring System)  (Mounted On Centaur Utility Vehicle)  (With Optional Track System)
#25-UV / HDGSRPSUV

$ 39,774.00
(Not Including the Utility Vehicle)

MACHINE OPTIONS

#MO-201 66" Stroke Mast ........................................... $ 305.37
#MO-203 78" Stroke Mast ........................................... $ 610.74
#MO-204 Hydraulic Rotary Tube Cleaning Brush .......... $ 861.25
#MO-208 Front Mount Kelly Bar/Tool/Storage Box .... $ 816.42
#MO-213 Rotary Head/Cathead Attachment .............. $ 2,273.54
#MO-214 140 lb. Drop Hammer (ASTM SPEC) ......... $ 876.63
#MO-215 Drop Hammer Carrier ................................ $ 262.51
#MO-216 Adapter Pin Tool/Hammer ........................ $ 41.05
#MO-218 Vise Grip Chain Wrench ............................. $ 69.18
#MO-220 Hand Tool Kit .......................................... $ 424.19
#MO-234 Low Boy Trailer Side Tool/Storage Box .... $ 641.10
#MO-238 Saddle Bag Tool/Sample/Storage Box ....... $ See Note

***Note*** Depending on Size and Style
#MO-240 6ft x 12ft Tandem Axle Low Boy Trailer $ 6,677.35
#MO-242 6ft x 14ft Tandem Axle Low Boy Trailer $ 7,127.13
(High Quality Trailers Specifically Built for These Machines)
(Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
(Torflex Axle w/ Hydraulic Surge Brakes, Stop/Turn & Tail Lights)
#MO-150 Side Feed Water Swivel / AW .................... $ 737.23
#MO-151 Side Feed Water Swivel / AWJ ................... $ 761.70
#MO-252 Low Pressure Water Pump System .......... $ 1,606.93
#MO-253 High Pressure Water Washing System .. $ 2,143.32
#MO-254 25gal Water Tank ...................................... $ 755.15
#MO-255 50gal Water Tank ...................................... $ 1,121.19
#MO-256 75gal Water Tank ...................................... $ 1,487.22
(Water Tanks Are Made of Aluminum)
#MO-257 35ft Low Pressure Retractable Hose Reel . $ 468.07
#MO-259 35ft High Pressure Retractable Hose Reel . $ 563.68
#MO-286 Master Cylinder Speed Control ................. $ 409.66
#MO-288 2spd Rotary Head ................................... $ 2,268.16
#MO-290 Automatic Machine Anchoring System .. $ 8,155.05

All Prices Subject To Change Without Notice
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are mounted on an aluminum square tubular frame and deck. The hydraulic system is powered by a 22 HP 2 Cylinder Air Cooled Kohler Gas Engine that is completely self contained with a 12v electric starter and alternator. Designed to mount in the back of a pickup truck behind the cab or at the back of the box. May also be mounted on various utility type vehicles. Complete unit is constructed of aluminum. Standard Features Include:

- HD Hydraulic Motor Drive
- 8gal Oil Reservoir
- Hydraulic Stabilizer Foot
- 54” Stroke Mast
- 1ft Adjustable Kelly Bar
- Folding Mast Assembly
- Hydraulic Stabilizer Foot
- 5gal Gas Tank
- Gauge & Control Panel

Weight 400 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY -OR- DIRECT PUSH & ROTARY COMBINATION DESIGNED FOR USE OF AUGERS & SOIL TUBES / UP TO 4 1/2” DIA

MACHINE DIMENSIONS

OVERALL BASE – WIDTH 24” / LENGTH 48” / HEIGHT 40” (OPERATING) 102”

EQUIPMENT SPECIFICATIONS

ROTARY MOTOR  0 - 45 RPM (ADJUSTABLE)
300 FT LBS TORQUE (3,600 IN LBS)

MASTER CYLINDER  3,300 LBS DOWN FORCE
  @ .51 FT PER SECOND
2,250 LBS PULL FORCE
  @ .79 FT PER SECOND

Machine is designed to take up to a 4ft deep sample in many soils and most frozen ground conditions. Diameters will vary with soil types.
#3-SM / Model SMGSRM

$ 17,906.00
(Does Not Include Vehicle)

MACHINE OPTIONS

#MO-204 Hydraulic Rotary Tube Cleaning Brush... $ 861.25
#MO-216 Adapter Pin Tool/Hammer ......................... $ 41.05
#MO-218 Vise Grip Chain Wrench .......................... $ 69.18
#MO-220 Hand Tool Kit ........................................ $ 424.19
#MO-222 Composite Sample Collection Box Assembly $ 511.99

All Prices Subject to Change Without Notice
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are mounted on an aluminum square tubular frame and deck. The hydraulic system is powered by a 22 HP 2 Cylinder Air Cooled Kohler Gas Engine that is completely self contained with a 12v electric starter and alternator. Designed to mount in the back of a pickup truck behind the cab or at the back of the box. May also be mounted on various types of utility vehicles. Complete unit is constructed of aluminum.

Standard Features Include:

- Rotary Head
- 8gal Oil Reservoir
- Hydraulic Stabilizer Foot

54” Stroke Mast 4ft Kelly Bar

Folding Mast Assembly Gauge & Control Panel

Weight 450 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY -OR- DIRECT PUSH & ROTARY COMBINATION DESIGNED FOR USE OF AUGERS & SOIL TUBES / UP TO 10” DIA

MACHINE DIMENSIONS

OVERALL BASE – WIDTH 24” / LENGTH 48” / HEIGHT 40” (OPERATING) 102”

EQUIPMENT SPECIFICATIONS

ROTARY HEAD 0 - 60 RPM (ADJUSTABLE)
400 FT LBS TORQUE (4,800 IN LBS)

MASTER CYLINDER 3,300 LBS DOWN FORCE
@ .51 FT PER SECOND
2,250 LBS PULL FORCE
@ .79 FT PER SECOND

Machine is designed to take deep samples in many soils and most frozen ground conditions.
Total Depths and Diameters will vary with soil conditions.

Kelly Bar System Extensions are used for getting samples deeper than 4 feet.
#4-SM / Model SMGSRH

$ 19,883.00
(Not Including Vehicle)

MACHINE OPTIONS

#MO-204 Hydraulic Rotary Tube Cleaning Brush... $ 861.25
#MO-216 Adapter Pin Tool/Hammer ......................... $ 41.05
#MO-218 Vise Grip Chain Wrench ......................... $ 69.18
#MO-220 Hand Tool Kit.............................................. $ 424.19
#MO-222 Composite Sample Collection Box Assembly$ 511.99

All Prices Subject To Change Without Notice
Hydraulic Soil Sampling and Coring Machine

This model is for the use of Direct Push Soil Tubes Only. All fixtures are secured on a 48” x 72” floor plate designed to mount on a standard pick-up truck. It is self powered by a 25 HP 2 Cylinder Koehler Air Cooled Gas Engine equipped with a 12 volt starter and alternator.

Standard Features Include:

- Swinging Mast
- 8’ Kelly Bar
- 5 Gal. Gas Tank
- 4 Way Leveling System
- 54” Stroke Mast
- 20gal Oil Reservoir
- Pipe Vise
- Reclining Tail Gate Mount
- Enclosed Drill Tool Carrier
- Gauge & Control Panel
- Weight 1,200 lbs

This Machine Features Direct Push Only
Designed for all types of Direct Push Soil Sampling Tubes up to 10” Dia

This Model Does Not Have Rotary Capability

It Features Direct Push Only

EQUIPMENT SPECIFICATIONS

MASTER CYLINDER
7,400 LBS DOWN FORCE @ .65 FT PER SECOND
4,750 LBS PULL FORCE @ 1.01 FT PER SECOND

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

Undisturbed soil samples from 1-1/4” to 4-1/2” Dia to various depths depending on soil conditions

AVAILABLE OPTIONS

66” / 78” STROKE MAST
HYDRAULIC ROTARY TUBE CLEANING BRUSH
MASTER CYLINDER SPEED CONTROL
AUTOMATIC MACHINE ANCHORING SYSTEM
#10-SCS / Model GSPS

$ 19,965.00
(Not including vehicle)

MACHINE OPTIONS

#MO-100  66” Stroke Mast ........................................ $ 269.63
#MO-102  78” Stroke Mast ........................................ $ 539.12
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $ 791.27
#MO-116 Adapter Pin Tool/Hammer .......................... $ 41.05
#MO-118 Vise Grip Chain Wrench .............................. $ 69.18
#MO-120 Hand Tool Kit ............................................ $ 424.19
#MO-125 Machine Installation & Storage System .... $ 594.43
#MO-186 Master Cylinder Speed Control ................. $ 409.66
#MO-190 Automatic Anchoring System .................... $ 8,155.05

Prices Subject to Change Without Notice
#15-SCS / Model GSRPS $ 25,992.00

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 4’ x 6’ (122 x 183 cm) steel base plate designed to mount on a standard pick-up truck between fender wells. This model is self powered by a 31 HP 2 Cylinder Air Cooled Briggs & Stratton Vanguard Gas Engine equipped with a 12 volt starter and alternator. Complete machine constructed from STEEL

Standard Features Include:

- Heavy Duty Rotary Head
- Pipe Vise
- 20gal Oil Reservoir
- 8 ft Kelly Bar
- Swinging Mast
- 54” Stroke Mast
- Enclosed Drill Tool Carrier
- 5gal Gas Tank

Weight 1,500 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY -OR- DIRECT PUSH & ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary Head</td>
<td>0 - 110 RPM (ADJUSTABLE) 800 FT LBS TORQUE (9,600 IN LBS)</td>
</tr>
<tr>
<td>Master Cylinder</td>
<td>7,400 LBS DOWN FORCE @ .65 FT PER SECOND 4,750 LBS PULL FORCE @ 1.01 FT PER SECOND</td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 40 FT / 6” TO 35 FT / 8” TO 25 FT / 10” TO 15 FT

AVAILABLE OPTIONS

- 66” / 78” STROKE MAST
- MASTER CYLINDER SPEED CONTROL
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- HYDRAULIC OIL COOLER
- ROTARY HEAD / CATHEAD ATTACHMENT
- 140 LB. SPT DROP HAMMER (ASTM SPECIFICATIONS)
- MACHINE INSTALLATION AND STORAGE SYSTEM
- 25Gal / 50Gal / 75Gal WATER TANK
- LOW & HIGH PRESSURE WATER SYSTEMS
- 2 spd ROTARY HEAD - HSLT / LSHT
- DECK MOUNT AUGER RACK
- AUTOMATIC MACHINE ANCHORING SYSTEM
#15-SCS / Model GSRPS

$25,992.00
(Not Including Vehicle)

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Option Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#MO-100</td>
<td>66” Stroke Mast</td>
<td>$269.63</td>
</tr>
<tr>
<td>#MO-102</td>
<td>78” Stroke Mast</td>
<td>$539.12</td>
</tr>
<tr>
<td>#MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$791.27</td>
</tr>
<tr>
<td>#MO-108</td>
<td>Rear Hydraulic Stabilizer Jacks</td>
<td>$1,239.98</td>
</tr>
<tr>
<td>#MO-110</td>
<td>Hydraulic Oil Cooler</td>
<td>$589.13</td>
</tr>
<tr>
<td>#MO-112</td>
<td>Rotary Head/Cathead Attachment</td>
<td>$2,083.95</td>
</tr>
<tr>
<td>#MO-114</td>
<td>140lb SPT Drop Hammer (ASTM SPEC)</td>
<td>$876.63</td>
</tr>
<tr>
<td>#MO-115</td>
<td>Drop Hammer Carrier</td>
<td>$218.76</td>
</tr>
<tr>
<td>#MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$41.05</td>
</tr>
<tr>
<td>#MO-118</td>
<td>Vise Grip Chain Wrench</td>
<td>$69.18</td>
</tr>
<tr>
<td>#MO-120</td>
<td>Hand Tool Kit</td>
<td>$424.19</td>
</tr>
<tr>
<td>#MO-124</td>
<td>Deck Mount Auger Rack</td>
<td>$486.33</td>
</tr>
<tr>
<td>#MO-125</td>
<td>Machine Installation &amp; Storage System</td>
<td>$594.43</td>
</tr>
<tr>
<td>#MO-150</td>
<td>Side Feed Water Swivel / AW</td>
<td>$737.23</td>
</tr>
<tr>
<td>#MO-151</td>
<td>Side Feed Water Swivel / AWJ</td>
<td>$761.70</td>
</tr>
<tr>
<td>#MO-152</td>
<td>Low Pressure Water Pump System</td>
<td>$1,606.93</td>
</tr>
<tr>
<td>#MO-153</td>
<td>High Pressure Water Washing System</td>
<td>$2,143.32</td>
</tr>
<tr>
<td>#MO-154</td>
<td>25gal Water Tank</td>
<td>$755.15</td>
</tr>
<tr>
<td>#MO-155</td>
<td>50gal Water Tank</td>
<td>$1,121.19</td>
</tr>
<tr>
<td>#MO-156</td>
<td>75gal Water Tank</td>
<td>$1,487.22</td>
</tr>
<tr>
<td></td>
<td>(Water Tanks Are Steel w/ Epoxy Interior Coating)</td>
<td></td>
</tr>
<tr>
<td>#MO-157</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
<td>$468.07</td>
</tr>
<tr>
<td>#MO-159</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$563.68</td>
</tr>
<tr>
<td>#MO-186</td>
<td>Master Cylinder Speed Control</td>
<td>$409.66</td>
</tr>
<tr>
<td>#MO-188</td>
<td>2spd Rotary Head – LSHT / HSLT</td>
<td>$2,268.16</td>
</tr>
<tr>
<td>#MO-190</td>
<td>Automatic Machine Anchoring System</td>
<td>$8,155.05</td>
</tr>
</tbody>
</table>

All Prices Subject to Change Without Notice
#25-SCS / Model HDGSRPS $ 31,329.00

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 5’ x 6’ (152 x 183 cm) STEEL base plate designed to mount on a Flat Bed Truck or a Standard Pick-up Truck. This model is self powered with a 35 HP Briggs & Stratton Vanguard 2 Cylinder Air Cooled Gas Engine equipped with a 12 volt starter and alternator. Complete machine constructed of Steel.

Standard Features Include:

- Heavy Duty Rotary Head
- Pipe Vise
- 8’ HD Kelly Bar
- 4 Way Leveling System
- Hydraulic Oil Cooler

Swinging Mast
54” Stroke Mast
20gal Oil Reservoir
5gal Gas Tank

Machine Anchoring System
Reclining Tail Gate Mount
Enclosed Drill Gate Carrier
Gauge & Control Panel

Weight 2,000 lbs.

THIS MACHINE FEATURES DIRECT PUSH ONLY - OR - DIRECT PUSH & ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

**EQUIPMENT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTARY HEAD</td>
<td>0 - 190 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td></td>
<td>1,100 FT LBS TORQUE (13,200 IN LBS)</td>
</tr>
<tr>
<td>MASTER CYLINDER</td>
<td>12,000 LBS DOWN FORCE @ .88 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>7,500 LBS PULL FORCE @ 1.38 FT PER SECOND</td>
</tr>
</tbody>
</table>

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

**When Using Thin Walled Soil Sampling Tubes**

Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

**When Using Continuous Type Augers**

4” TO 60 FT / 6” TO 50 FT / 8” TO 30 FT / 10” TO 20 FT

**AVAILABLE OPTIONS**

- 66” / 78” STROKE MAST
- MASTER CYLINDER SPEED CONTROL
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- HYDRAULIC OIL COOLER
- ROTARY HEAD / CATHEAD ATTACHMENT
- 140 LB. SPT DROP HAMMER (ASTM SPECIFICATIONS)
- MACHINE INSTALLATION AND STORAGE SYSTEM
- 25Gal / 50Gal / 75Gal WATER TANK
- LOW & HIGH PRESSURE WATER SYSTEMS
- 2 spd ROTARY HEAD - HSLT / LSHT
- DECK MOUNT AUGER RACK
- AUTOMATIC MACHINE ANCHORING SYSTEM
MACHINE OPTIONS

#MO-100 66” Stroke Mast $ 269.63
#MO-102 78” Stroke Mast $ 539.12
#MO-104 Hydraulic Rotary Tube Cleaning Brush $ 791.27
#MO-108 Rear Hydraulic Stabilizer Jacks $ 1,239.98
#MO-112 Rotary Head/Cathead Attachment $ 2,083.95
#MO-114 140lb SPT Drop Hammer (ASTM SPEC) $ 876.63
#MO-115 Drop Hammer Carrier $ 218.76
#MO-116 Adapter Pin Tool/Hammer $ 41.05
#MO-118 Vise Grip Chain Wrench $ 69.18
#MO-120 Hand Tool Kit $ 424.19
#MO-123 Machine Installation Frame / Pickup Box $ 776.69
#MO-124 Deck Mount Auger Rack $ 486.33
#MO-150 Side Feed Water Swivel / AW $ 737.23
#MO-151 Side Feed Water Swivel / AWJ $ 761.70
#MO-152 Low Pressure Water Pump System $ 1,606.93
#MO-153 High Pressure Water Washing System $ 2,143.32
#MO-154 25gal Water Tank $ 755.15
#MO-155 50gal Water Tank $ 1,121.19
#MO-156 75gal Water Tank $ 1,487.22

(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel $ 468.07
#MO-159 35ft High Pressure Retractable Hose Reel $ 563.68
#MO-160 Hydraulic Tool Pulling Winch $ 4,928.68
#MO-186 Master Cylinder Speed Control $ 409.66
#MO-188 2spd Rotary Head – HSLT/LSHT $ 2,268.16
#MO-190 Automatic Machine Anchoring System $ 8,155.05

All Prices Subject To Change Without Notice
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 5’ x 8’ (152 cm x 244 cm) Steel base plate designed to mount on a F-450 or larger flat bed truck. This model is powered by the vehicle Power Take Off. (PTO Not Included)

Complete machine constructed from **STEEL**

Standard Features Include:

- XHD 2 Speed Rotary Head
- Pipe Vise
- 4’ XHD / 2”sq Kelly Bar
- Hydraulic Swinging Mast
- 4 Way Leveling System
- Hydraulic Oil Cooler
- Machine Anchoring System
- 60” Stroke Mast (Low Clearance)
- 35gal Oil Reservoir
- Enclosed Drill Tool Carrier
- Hydraulic Mast In & Out
- Reclining Tail Gate Mount
- Rear Throttle Control
- (PTO & PTO Installation Not Included)

**Weight** 3,000 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY -OR- DIRECT & ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 18” DIA

### EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>ROTARY HEAD (2 SPEED)</th>
<th>LOW SPEED / HIGH TORQUE SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 75 RPM (ADJUSTABLE)</td>
<td></td>
</tr>
<tr>
<td>2,200 FT LBS TORQUE (26,400 IN LBS)</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HIGH SPEED / LOW TORQUE SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-150 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td>1,100 FT LBS TORQUE (13,200 IN LBS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MASTER CYLINDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>24,000 LBS DOWN FORCE</td>
</tr>
<tr>
<td>@ 0 - 1.1 FT PER SECOND (ADJUSTABLE)</td>
</tr>
<tr>
<td>20,000 LBS PULL FORCE</td>
</tr>
<tr>
<td>@ 0 - 1.72 FT PER SECOND (ADJUSTABLE)</td>
</tr>
</tbody>
</table>

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

**When Using Thin Walled Soil Sampling Tubes**

Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA

To Various Depths Depending on Soil Conditions

Usually until a Bedrock Layer is Reached

**When Using Continuous Type Augers**

4” TO 150 FT / 6” TO 120 FT / 8” TO 90 FT

10” TO 75 FT / 12” TO 60 FT

Shown w/ Rotary Head/Cat Head Attachment - 140lb Automatic Drop Hammer

Hydraulic Tool Pulling Winch - Rear Hydraulic Stabilizer Jacks - 72” Stroke Mast

Under Deck Tool/Storage Boxes - Under Deck Hollow Stem Auger Racks
#35-PTO / Model XHDGSR

$ 46,901.00
(Not Including Vehicle)

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO-101</td>
<td>72” Stroke Mast</td>
<td>$ 353.23</td>
</tr>
<tr>
<td>MO-103</td>
<td>84” Stroke Mast</td>
<td>$ 706.44</td>
</tr>
<tr>
<td>MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 791.27</td>
</tr>
<tr>
<td>MO-108</td>
<td>Rear Hydraulic Stabilizer Jacks</td>
<td>$ 1,239.98</td>
</tr>
<tr>
<td>MO-113</td>
<td>Rotary Cathead Attachment</td>
<td>$ 2,237.81</td>
</tr>
<tr>
<td>MO-114</td>
<td>140lb SPT Drop Hammer (ASTM SPEC)</td>
<td>$ 876.63</td>
</tr>
<tr>
<td>MO-115</td>
<td>Drop Hammer Carrier</td>
<td>$ 218.76</td>
</tr>
<tr>
<td>MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$ 41.05</td>
</tr>
<tr>
<td>MO-118</td>
<td>Vise Grip Chain Wrench</td>
<td>$ 69.18</td>
</tr>
<tr>
<td>MO-120</td>
<td>Hand Tool Kit</td>
<td>$ 424.19</td>
</tr>
<tr>
<td>MO-124</td>
<td>Deck Mount Auger Rack Auger Rack</td>
<td>$ 486.33</td>
</tr>
<tr>
<td>MO-146</td>
<td>Under Deck Hollow Stem Auger Rack</td>
<td>$ 1,176.25</td>
</tr>
<tr>
<td>MO-148</td>
<td>Under Deck Tool/Storage Box</td>
<td>$ 460.10</td>
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<tr>
<td>MO-150</td>
<td>Side Feed Water Swivel / AW</td>
<td>$ 737.23</td>
</tr>
<tr>
<td>MO-151</td>
<td>Side Feed Water Swivel / AWJ</td>
<td>$ 761.76</td>
</tr>
<tr>
<td>MO-152</td>
<td>Low Pressure Water Pump System</td>
<td>$ 1,606.93</td>
</tr>
<tr>
<td>MO-153</td>
<td>High Pressure Water Washing System</td>
<td>$ 2,143.32</td>
</tr>
<tr>
<td>MO-154</td>
<td>25gal Water Tank</td>
<td>$ 755.15</td>
</tr>
<tr>
<td>MO-155</td>
<td>50gal Water Tank</td>
<td>$ 1,121.19</td>
</tr>
<tr>
<td>MO-156</td>
<td>75gal Water Tank</td>
<td>$ 1,487.22</td>
</tr>
<tr>
<td>MO-158</td>
<td>150gal Water Tank</td>
<td>$ 2,877.06</td>
</tr>
</tbody>
</table>

(Water Tanks Are Steel w/ Epoxy Interior Coating)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO-157</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
<td>$ 468.07</td>
</tr>
<tr>
<td>MO-159</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$ 563.68</td>
</tr>
<tr>
<td>MO-160</td>
<td>Hydraulic Tool Pulling Winch</td>
<td>$ 4,928.68</td>
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<tr>
<td>MO-170</td>
<td>140lb Automatic SPT Drop Hammer</td>
<td>$ 7,467.13</td>
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<tr>
<td>MO-171</td>
<td>170lb Automatic SPT Drop Hammer</td>
<td>$ 7,573.38</td>
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</tbody>
</table>

(Automatic SPT Drop Hammers Meet ASTM Specifications)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO-180</td>
<td>#35 Rotary Head to 1 1/4” Kelly Bar Adapter</td>
<td>$ 720.04</td>
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</tbody>
</table>

All Prices Subject To Change Without Notice
#15-SCT / Model GSRPST  $ 28,902.00

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 4’ x 6’ (122 x 183 cm) floor plate mounted on a rugged two wheel trailer equipped with hydraulic surge brakes, 225 x 15 trailer spec radial tires, one spare wheel & tire, 2” ball hitch, screw jack with caster wheel, and stop, side marker & tail lights. This model is self powered with a 31 HP 2 Cylinder Air Cooled Vanguard/Briggs Engine equipped with a 12 volt starter and alternator.

Complete Machine Built out of steel.

Standard Features Include:

- HD Rotary Head
- Pipe Vise
- 20gal Oil Reservoir
- 4Way Leveling System
- Swinging Mast
- 54” Stroke Mast
- Enclosed Drill Tool Carrier
- 5gal Gas Tank
- Machine Anchoring System
- Reclining Tail Gate Mount
- Gauge & Control Panel
- 8ft Kelly Bar & Slip Tool Holder

Weight  2,600 lbs.

THIS MODEL FEATURES DIRECT PUSH ONLY –OR- DIRECT OUSH & ROTARY COMBINATION DESIGNED FOR THE USE OF AUGERS, CORE BARRELS, SOIL TUBES, ETC. / UP TO 10” DIA

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
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<tbody>
<tr>
<td>ROTARY HEAD</td>
<td>0 - 160 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td></td>
<td>800 FT LBS TORQUE (9,600 IN LBS)</td>
</tr>
<tr>
<td>MASTER CYLINDER</td>
<td>8,700 LBS DOWN FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .65 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>6,000 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ 1.01 FT PER SECOND</td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

When Using Thin Walled Soil Sampling Tubes
Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

When Using Continuous Type Augers
4” TO 40 FT / 6” TO 35 FT / 8” TO 25 FT / 10” TO 15 FT

AVAILABLE OPTIONS

- 66” / 78” STROKE MAST / HYDRAULIC OIL COOLER
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- 25gal / 50gal / 75gal / 150gal WATER TANK
- SIDE FEED WATER SWIVEL / WATER PUMP SYSTEM
- ROTARY HEAD/CAT HEAD ATTACHMENT
- 140lb SPT SAFETY TYPE DROP HAMMER (ASTM SPECS)
- 5ft WIDE TRAILER FRAME / 8ft / 10ft LONG TRAILER FRAME
- TANDEM AXLE / DOUBLE DECK / TRIPLE DECK
- MACHINE DECK / UNDER DECK AUGER DECK
- REAR HYDRAULIC STABILIZER JACKS
- AUTOMATIC MACHINE ANCHORING SYSTEM
#15-SCT / Model GSRPST

$ 28,902.00

MACHINE OPTIONS

#MO-100  66” Stroke Mast ........................................ $ 269.63
#MO-102  78” Stroke Mast ........................................ $ 539.12
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $ 791.27
#MO-108 Rear Hydraulic Stabilizer Jacks ............. $ 1,239.98
#MO-109 Front Hydraulic Stabilizer Jacks .......... $ 1,672.61
#MO-110 Hydraulic Oil Cooler .............................. $ 589.13
#MO-112 Rotary Head/Cathead Attachment ......... $ 2,083.95
#MO-114 140lb SPT Drop Hammer, (ASTM Spec) . $ 876.63
#MO-115 Drop Hammer Carrier .......................... $ 218.76
#MO-116 Adapter Pin Tool/Hammer ....................... $ 41.05
#MO-118 Vise Grip Chain Wrench ......................... $ 69.18
#MO-120 Hand Tool Kit ....................................... $ 424.19
#MO-124 Deck Mount Auger Rack .......................... $ 486.33
#MO-127 Under Frame Auger /Tool Storage Rack ... $ 803.65
#MO-129 5 ft Wide Trailer Frame ......................... $ 168.33
#MO-130 Double Deck Trailer .............................. $ 1,370.79
#MO-131 Triple Deck Trailer .............................. $ 1,887.71
#MO-132 Tandem Axle Trailer ............................ $ 1,672.92
#MO-133  8 ft Long Trailer Frame ......................... $ 346.27
#MO-134 10 ft Long Trailer Frame ......................... $ 692.55
#MO-135 12ft Long Trailer Frame ......................... $ 1,038.82
#MO-136 Tool Storage Enclosure (18”x 24”x 60”).... $ 805.32
#MO-138 Tool Storage Enclosure (18”x 48”x 60”).... $ 867.55
#MO-150 Side Feed Water Swivel / AW ............... $ 737.23
#MO-151 Side Feed Water Swivel / AWJ ............... $ 761.70
#MO-152 Low Pressure Water Pump System ......... $ 1,606.93
#MO-153 High Pressure Water Washing System ... $ 2,143.32
#MO-154  25gal Water Tank ................................. $ 755.15
#MO-155 50gal Water Tank .................................... $ 1,121.19
#MO-156 75gal Water Tank .................................... $ 1,487.22
#MO-158 150gal Water Tank ............................... $ 2,877.06

(Water Tanks Are Steel w/ Epoxy Interior Coating)

#MO-157 35ft Low Pressure Retractable Hose Reel . $ 468.07
#MO-159 35ft High Pressure Retractable Hose Reel . $ 563.68
#MO-186 Master Cylinder Speed Control .............. $ 409.66
#MO-188 2spd Rotary Head – HSLT / LSHT .......... $ 2,268.16
#MO-190 Automatic Machine Anchoring System .... $ 8,155.05

All Prices Subject To Change Without Notice

8ft long Trailer Frame / 75gal Water Tank
Double Deck Trailer Frame
(18” Tall x 60” Wide x 72” Deep Storage Shelf)
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 5’ x 6’ (152 x 183 cm) floor plate mounted on a rugged two wheel trailer equipped with hydraulic surge brakes, 225 x 15 radial trailer tires, one spare wheel & tire, 2” ball hitch, screw jack w/ caster wheel and stop & tail lights. This model is self powered with a 35 HP 2 Cylinder Briggs & Stratton Vanguard, Air Cooled, Gas Engine with a 12 volt starter and alternator.

Complete machine is constructed of steel.

Standard Features Include:

- Heavy Duty Rotary Head
- Pipe Vise
- 20gal Oil Reservoir
- Hydraulic Oil Cooler
- Rear Hydraulic Stabilizer Jacks
- Swinging Mast
- 54” Stroke Mast
- Enclosed Drill Tool Carrier
- 5gal Fuel Tank
- 8ft HD Kelly Bar & Slip Tool
- Machine Anchoring System
- Reclining Tail Gate Mount
- Gauge & Control Panel
- 4 Way Leveling System
- 8ft HD Kelly Bar & Slip Tool

Weight 3,000 lbs.

THIS MODEL FEATURES DIRECT PUSH ONLY –OR- DIRECT PUSH & ROTARY COMBINATION DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. / UP TO 10” DIA

**EQUIPMENT SPECIFICATIONS**

- **ROTARY HEAD**
  - 0 - 190 RPM (ADJUSTABLE)
  - 1,100 FT LBS TORQUE (13,200 IN LBS)

- **MASTER CYLINDER**
  - 12,000 LBS DOWN FORCE
  - @ .88 FT PER SECOND
  - 7,500 LBS PULL FORCE
  - @ 1.38 FT PER SECOND

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

*When Using Thin Walled Soil Sampling Tubes*

Undisturbed Soil Cores from 1 1/4” – 4 1/2” DIA to Various Depths Depending on Soil Conditions / Usually until a Bedrock Layer is Reached

*When Using Continuous Type Augers*

4” TO 60 FT / 6” TO 50 FT / 8” TO 30 FT / 10” TO 20 FT

**AVAILABLE OPTIONS**

- 66” / 78” STROKE MAST
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- ROTARY HEAD/CAT HEAD ATTACHMENT
- 140lb SPT SAFETY TYPE DROP HAMMER (ASTM SPEC)
- SIDE FEED WATER SWIVEL / WATER PUMP SYTEM
- 25gal / 50gal / 75gal / 150gal WATER TANK
- MACHINE DECK / UNDER DECK AUGER RACK
- DOUBLE DECK / TRIPLE DECK TRAILER FRAME
- 18” x 24” x 60” or 18” x 48” x 60” TOOL STORAGE ENCLOSURE
- 8ft / 10ft / 12ft LONG TRAILER FRAME / TANDEM AXLE
- 2 SPEED ROTARY HEAD / MASTER CYL SPEED CONTROL
- HYDRAULIC TOOL PULLING WINCH
- AUTOMATIC MACHINE ANCHORING SYSTEM
#25-SCT / Model HDGSRPST

$39,132.00

MACHINE OPTIONS

#MO-100 66” Stroke Mast ........................................ $ 269.63
#MO-102 78” Stroke Mast ........................................ $ 539.12
#MO-104 Hydraulic Rotary Tube Cleaning Brush ......... $ 791.27
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