Giddings Machine Company, Inc.

SOIL SAMPLING, CORING AND DRILLING EQUIPMENT

“Leading the industry for over 45 years in quality workmanship, mechanical innovation & prompt, friendly service”

2008 Catalog

VISA / MASTERCARD ACCEPTED

800-611-0404 / 970-674-0259

www.soilsample.com / Giddings@soilsample.com
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 45 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 brings you the best in soil sampling, coring and drilling equipment available. Our 45 years of experience makes us the oldest and most reliable company in the industry. We have machines built in the 1960s that are still out in the field working hard for our customers – 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 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.
- We also give you a variety of options for contacting us—you can reach us via toll-free calling, fax, mail, E-mail, or on our World Wide Web site.

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.

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Giddings Machine Company, Inc.
631 Technology Circle
Windsor, CO 80550
Toll-Free 1-800-611-0404
Fax: (970) 674-0259
Phone (970) 674-0542
Website: www.soilsample.com / E-mail Address: giddings@soilsample.com

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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 55 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 the job, the terrain, or the conditions.

The #3 & #4 SERIES
Side Mount Truck Machines
#3 & #4 Series / 20 HP Kohler Air Cooled Gas Engine

#3 Series Hydraulic Motor: (No Kelly Bar System)
0-45 rpm (Adjustable)
300 ft lbs Torque (3,600 in lbs)
#4 Series Rotary Head: (w/ Kelly Bar System)
0-60 rpm (Adjustable)
400 ft lbs Torque (4,800 in lbs)
Master Cylinder: (Both Series)
3,300 lbs Down Force @ .51 ft per sec
2,250 lbs Pull Force @ .79 ft per sec

The #5 SERIES
UV
Polaris Ranger 6x6, John Deere Gator 6x4 or HPX 4x4, Argo Conquest 8x8, Kawasaki Mule 4x4 or Any Utility Vehicle w/ min 4 ft x 4 ft rear platform & 800 lb payload rate

ATV
Suzuki Vinson 4x4
All Powered by 25 HP Kohler Air Cooled Gas Engine

Mini-Tractor 3 Point Machines
Min 20 HP Cat-1 3-Pt : 4x4 Tractor Mounted Machine (Powered by Tractor PTO)

Bobcat
MT52/MT55 Mini Track Loader
Powered by Track Loader Hydraulics

Rotary Head:
0-90 rpm (Adjustable)
600 ft. lbs Torque (6,900 in lbs)
Master Cylinder:
4,100 lbs Down Force @ .62 ft per sec
2,800 lbs Pull Force @ .91 ft per sec

The #10 SERIES (PUSH ONLY - NO ROTATION)

Tractor and Truck Machines
25 HP Kohler 2 Cyl Air Cooled Gas Engine
(Tractor Machine Powered By Tractor PTO)

Master Cylinder:
7,500 lbs Down Force @ .65 ft per sec
4,800 lbs Pull Force @ 1.01 ft per sec

* All Specifications are Standard
Any Specifications May Be Altered to Meet Your Specific Requirements
Please Contact Us for Further Information
# 5-TS / Model MGSRTS

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
- 4’ Kelly Bar
- Hydraulic Oil Cooler
- 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

4” DIA TO 25 FT / 6” DIA TO 20 FT / 8” DIA TO 15 FT / 10” DIA TO 10 FT

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

$14,110.00
(Not Including Tractor)

MACHINE OPTIONS

#MO-200 54" Stroke Mast ........................................ $244.31
#MO-202 66" Stroke Mast ........................................ $488.62
#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $689.04
#MO-206 Hydraulic Mast Laydown System .......... $879.87
#MO-212 Rotary Cathead Attachment .............. $1,818.94
#MO-214 140 lb Drop Hammer (ASTM Spec) ...... $701.34
#MO-215 Drop Hammer Carrier .................. $210.02
#MO-216 Adapter Pin Tool/Hammer ................ $36.78
#MO-218 Vise Grip Chain Wrench .................. $35.28
#MO-220 Hand Tool Kit .................................. $360.53
#MO-226 Tractor Machine Storage Cart .......... $1,298.66
#MO-230 5ft x 10ft Custom Low Boy Trailer ...... $3,598.51
#MO-231 5ft x 12ft Custom Low Boy Trailer ..... $3,958.36
#MO-232 5ft x 14ft Custom Low Boy Trailer ..... $4,318.21
(High Quality Trailers Specifically Built for These Machines)
(Reel Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
#MO-234 Low Boy Trailer Side Mount Toolbox ...... $499.53
#MO-237 Front Mount Tool/Storage Box ........... $418.03
#MO-239 Side Mount Tool/Storage Box ........... $498.56
#MO-150 Side Feed Water Swivel / AW Rod ........ $589.82
#MO-151 Side Feed Water Swivel / AWJ Rod ....... $609.40
#MO-252 Low Pressure Water Pump System ...... $959.93
#MO-253 High Pressure Water Washing System ... $1,280.36
#MO-254 25gal Water Tank .......................... $629.25
#MO-256 75gal Water Tank .......................... $1,239.43
(Water Tanks Are Made of Aluminum)
#MO-257 35ft Low Pressure Retractable Hose Reel $374.48
#MO-259 35ft High Pressure Retractable Hose Reel $450.97
#MO-286 Master Cylinder Speed Control .......... $327.75
#MO-290 Automatic Machine Anchoring System .. $5,687.57
# 10-T / Model GST

Hydraulic Soil Sampling and Coring Machine

This model is for the use of soil tubes only. It mounts on 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

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

$ 8,103.00

MACHINE OPTIONS

#MO-100 66” Stroke Mast ........................................... $ 215.71
#MO-102 78” Stroke Mast ........................................... $ 431.32
#MO-104 Hydraulic Rotary Tube Cleaning Brush ........ $ 633.05
#MO-106 Hydraulic Mast Laydown System ........... $ 879.87
#MO-110 Hydraulic Oil Cooler .............................. $ 406.07
#MO-116 Adapter Pin Tool/Hammer ......................... $ 36.78
#MO-118 Vise Grip Chain Wrench ......................... $ 35.28
#MO-120 Hand Tool Kit ......................................... $ 360.53
#MO-126 Tractor Machine Storage Cart ............... $ 1,298.66
#MO-128 Raised Operators Platform ($) (Depending on Tractor)
#MO-137 Front Mount Tool/Storage Box ................. $ 418.03
#MO-139 Side Mount Kelly Bar/Tool/Storage Box ... $ 498.56
#MO-153 High Pressure Water Washing System ... $ 1,280.36
#MO-154 25gal Water Tank .................................... $ 503.40
#MO-156 75gal Water Tank .................................... $ 991.54
   (Water Tanks Are Made of Aluminum)
#MO-159 35ft High Pressure Retractable Hose Reel $ 450.97
#MO-186 Master Cylinder Speed Control ................. $ 327.75
#MO-190 Automatic Machine Anchoring System .... $ 5,170.52
This model mounts on 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**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
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<tbody>
<tr>
<td>ROTARY HEAD</td>
<td>0 - 110 RPM (ADJUSTABLE)</td>
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<tr>
<td></td>
<td>800 FT LBS TORQUE (9,600 IN LBS)</td>
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<tr>
<td>MASTER CYLINDER</td>
<td>7,500 LBS DOWN FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .65 FT PER SECOND</td>
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<tr>
<td></td>
<td>4,800 LBS PULL FORCE</td>
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<td></td>
<td>@ 1.01 FT PER SECOND</td>
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APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

- 4” DIA TO 60 FT
- 6” DIA TO 50 FT
- 8” DIA TO 40 FT
- 10” DIA TO 30 FT
#15-TS / Model GSRTS

$13,064.00

**MACHINE OPTIONS**

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<thead>
<tr>
<th>Option Code</th>
<th>Option Description</th>
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<tr>
<td>#MO-100</td>
<td>66” Stroke Mast</td>
<td>$215.71</td>
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<tr>
<td>#MO-102</td>
<td>78” Stroke Mast</td>
<td>$431.32</td>
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<tr>
<td>#MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$633.05</td>
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<td>#MO-106</td>
<td>Hydraulic Mast Laydown System</td>
<td>$879.87</td>
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<td>#MO-110</td>
<td>Hydraulic Oil Cooler</td>
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<tr>
<td>#MO-112</td>
<td>Rotary Head/Cathead Attachment</td>
<td>$1,667.27</td>
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<td>#MO-114</td>
<td>140lb SPT Drop Hammer (ASTM Spec)</td>
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<td>#MO-115</td>
<td>Drop Hammer Carrier</td>
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<td>#MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$36.78</td>
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<td>#MO-118</td>
<td>Vise Grip Chain Wrench</td>
<td>$35.28</td>
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<tr>
<td>#MO-120</td>
<td>Hand Tool Kit</td>
<td>$360.53</td>
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<td>#MO-126</td>
<td>Tractor Machine Storage Cart</td>
<td>$1,298.66</td>
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<tr>
<td>#MO-128</td>
<td>Raised Operator Platform</td>
<td>$36.78</td>
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<tr>
<td>#MO-137</td>
<td>Front Mount Tool/Storage Box</td>
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<td>#MO-139</td>
<td>Side Mount Kelly Bar/Tool/Storage Box</td>
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<td>#MO-141</td>
<td>Side Mount Auger Rack w/ Shelves</td>
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<tr>
<td>#MO-150</td>
<td>Side Feed Water Swivel &amp; AW Rod</td>
<td>$589.82</td>
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<td>#MO-151</td>
<td>Side Feed Water Swivel &amp; AWJ Rod</td>
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<td>#MO-152</td>
<td>Low Pressure Water Pump System</td>
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<td>#MO-153</td>
<td>High Pressure Water Washing System</td>
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<td>#MO-154</td>
<td>25gal Water Tank</td>
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<tr>
<td>#MO-156</td>
<td>75gal Water Tank</td>
<td>$991.54</td>
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<td></td>
<td>(Water Tanks Are Steel w/ Epoxy Interior Coating)</td>
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<tr>
<td>#MO-157</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
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<td>35ft High Pressure Retractable Hose Reel</td>
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<td>#MO-186</td>
<td>Master Cylinder Speed Control</td>
<td>$327.75</td>
</tr>
<tr>
<td>#MO-188</td>
<td>2spd Rotary Head-LSHT/HSLT</td>
<td>$2,479.04</td>
</tr>
<tr>
<td>#MO-190</td>
<td>Automatic Machine Anchoring System</td>
<td>$5,170.52</td>
</tr>
</tbody>
</table>
# 25-TS / Model HDGSRTS

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

4” DIA TO 90 FT / 6” DIA TO 75 FT 8” DIA TO 60 FT /10” DIA TO 45 FT
#25-TS / Model HDGSRTS

$15,167.00

**MACHINE OPTIONS**

- #MO-100 66” Stroke Mast ........................................ $215.71
- #MO-102 78” Stroke Mast ........................................ $431.32
- #MO-104 Hydraulic Rotary Tube Cleaning Brush ........ $633.05
- #MO-107 Hydraulic Mast Laydown System .............. $879.87
- #MO-112 Rotary Head/Cathead Attachment ........... $1,667.27
- #MO-114 140lb SPT Drop Hammer (ASTM Spec) . $701.34
- #MO-115 Drop Hammer Carrier ......................... $175.02
- #MO-116 Adapter Pin Tool/Hammer ..................... $36.78
- #MO-118 Vise Grip Chain Wrench ....................... $35.28
- #MO-120 Hand Tool Kit ..................................... $360.53
- #MO-126 Tractor Machine Storage Cart .............. $1,298.66
- #MO-128 Raised Operators Platform .... (Depends on Tractor)
- #MO-137 Front Mount Tool/Storage Box .......... $418.03
- #MO-139 Side Mount Kelly Bar/Tool/Storage Box ... $498.56
- #MO-150 Side Feed Water Swivel / AW Rod .......... $589.82
- #MO-151 Side Feed Water Swivel / AWJ Rod ........ $609.40
- #MO-152 Low Pressure Water Pump System ....... $838.57
- #MO-154 25gal Water Tank ............................... $503.40
- #MO-156 75gal Water Tank ............................... $991.54
- #MO-158 150gal Water Tank ............................. $1,983.08
  (Water Tanks Are Made of Steel w/ Epoxy Interior Coating)
- #MO-186 Master Cylinder Speed Control ............. $327.75
- #MO-188 2spd Rotary Head – LSHT/HSLT .......... $2,479.04
- #MO-190 Automatic Machine Anchoring System .. $5,170.52
#35-TS / Model XHDGSRTS

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

  180deg Swinging Mast
  25 Gal. Oil Reservoir
  Master Cylinder Speed Control
  Speed Control
  60” Stroke Mast
  Hydraulic Oil Cooler
  4 Way Leveling System
  All Required Components for Installation

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

**MASTER CYLINDER**

<table>
<thead>
<tr>
<th>16,000 LBS DOWN FORCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1.1 FT PER SECOND (ADJUSTABLE)</td>
</tr>
<tr>
<td>12,000 LBS PULL FORCE</td>
</tr>
<tr>
<td>0 - 1.72 FT PER SECOND (ADJUSTABLE)</td>
</tr>
</tbody>
</table>

(Shown w/ Optional 140lb Automatic SPT Drop Hammer, Tool Pulling)

Winch, Side Mount Auger Racks & Kelly Bar/Tool/Storage Boxes

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

<table>
<thead>
<tr>
<th>4” DIA TO 160 FT / 6” DIA TO 140 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8” DIA TO 125 FT / 10” DIA TO 100 FT</td>
</tr>
</tbody>
</table>
#35-TS / Model XHDGSRTS

$ 22,535.00

MACHINE OPTIONS

#MO-101  72” Stroke Mast............................................. $ 282.59
#MO-103  84” Stroke Mast............................................. $ 565.18
#MO-104 Hydraulic Rotary Tube Cleaning Brush............. $ 863.05
#MO-107 Hydraulic Mast Laydown System.......................... $ 887.58
#MO-113 Rotary Head/Cathead Attachment...................... $ 1,790.36
#MO-114  140lb SPT Drop Hammer (ASTM Spec)............. $ 701.34
#MO-115 Drop Hammer Carrier........................................ $ 175.02
#MO-116 Adapter Pin Tool/Hammer...................................... $ 36.78
#MO-118 Vise Grip Chain Wrench................................. $ 35.28
#MO-120 Hand Tool Kit................................................... $ 360.53
#MO-126 Tractor Machine Storage Cart........................... $ 1,298.66
#MO-128 Raised Operator Platform (Depends on Tractor)
#MO-137 Front Mount Tool/Storage Box........................... $ 418.03
#MO-139 Side Mount Kelly Bar/Tool/Storage Box ............ $ 498.56
#MO-141 Side Mount Auger Rack/Box (Front Load)............ $ 978.45
#MO-150 Side Feed Water Swivel / AW Rod..................... $ 589.82
#MO-151 Side Feed Water Swivel / AWJ Rod.................... $ 609.40
#MO-152 Low Pressure Water Pump System...................... $ 838.57
#MO-153 High Pressure Water Washing System................. $ 1,280.36
#MO-154 25gal Water Tank............................................. $ 503.40
#MO-156 75gal Water Tank............................................. $ 991.54
  (Water Tanks Are Made of Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel ............. $ 374.48
#MO-159 35ft High Pressure Retractable Hose Reel....... $ 450.97
#MO-160 Tool Pulling Winch / Cathead Mount................. $ 3,943.20
#MO-170  140lb Automatic SPT Drop Hammer.................. $ 5,352.78
#MO-171  170lb Automatic SPT Drop Hammer.................. $ 5,442.26
  (Automatic SPT Drop Hammers Meet ASTM Specifications)
#MO-180 #35 Rotary Head to 1 1/4” Kelly Bar Adapt .... $ 576.07
#MO-190 Automatic Machine Anchoring System ............... $ 5,170.52

Tractor Machine Storage Cart
Automatic Machine Anchoring System
Rotary Tube Cleaning Brush
140lb / 170lb SPT Automatic Drop Hammer
Hydraulic Tool Pulling Winch
140lb SPT Drop Hammer
#5-ATV / Model GSRSATV

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are mounted on a Suzuki Vinson 500cc Four Wheel ATV. 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
- Front Brush Guard & Skid Plate

- Sliding Mast (38” C-C)
- 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 Suzuki Vinson 500)

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

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

**EQUIPMENT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTARY HEAD</td>
<td>0 - 90 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td></td>
<td>575 FT LBS TORQUE (6,900 IN LBS)</td>
</tr>
<tr>
<td>MASTER CYLINDER</td>
<td>4,085 LBS DOWN FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .62 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>2,800 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .91 FT PER SECOND</td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 40 FT / 6” DIA TO 30 FT / 8” DIA TO 20 FT / 10” DIA TO 10 FT

Shown w/ Optional Automatic Machine Anchoring System & Hydraulic Rotary Tube Cleaning Brush
#5-ATV  /  Model GSRSATV

$ 29,918.00  
(Incl Suzuki Vinson 500cc 4x4)

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO-200</td>
<td>54” Stroke Mast</td>
<td>$ 244.31</td>
</tr>
<tr>
<td>MO-202</td>
<td>66” Stroke Mast</td>
<td>$ 488.62</td>
</tr>
<tr>
<td>MO-204</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 689.04</td>
</tr>
<tr>
<td>MO-212</td>
<td>Rotary Head/Cathead Attachment</td>
<td>$ 1,818.94</td>
</tr>
<tr>
<td>MO-214</td>
<td>140lb SPT Drop Hammer Assembly</td>
<td>$ 701.34</td>
</tr>
<tr>
<td>MO-215</td>
<td>Drop Hammer Carrier</td>
<td>$ 210.02</td>
</tr>
<tr>
<td>MO-216</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$ 36.78</td>
</tr>
<tr>
<td>MO-218</td>
<td>Vise Grip Chain Wrench</td>
<td>$ 35.28</td>
</tr>
<tr>
<td>MO-220</td>
<td>Hand Tool Kit</td>
<td>$ 360.53</td>
</tr>
<tr>
<td>MO-228</td>
<td>8ft ATV XHD Loading Ramps (Pair)</td>
<td>$ 466.24</td>
</tr>
<tr>
<td>MO-230</td>
<td>5ft x 10ft Custom Low Boy Trailer</td>
<td>$ 3,598.51</td>
</tr>
<tr>
<td>MO-231</td>
<td>5ft x 12ft Custom Low Boy Trailer</td>
<td>$ 3,958.36</td>
</tr>
<tr>
<td>MO-232</td>
<td>5ft x 14ft Custom Low Boy Trailer</td>
<td>$ 4,318.21</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>
</tr>
<tr>
<td>MO-233</td>
<td>Tandem Axle Trailer</td>
<td>$ 1,249.19</td>
</tr>
<tr>
<td>MO-234</td>
<td>Low Boy Trailer Side Mount Toolbox</td>
<td>$ 499.53</td>
</tr>
<tr>
<td>MO-236</td>
<td>Dash Mount Work Surface / Tray</td>
<td>$ 165.43</td>
</tr>
<tr>
<td>MO-238</td>
<td>Saddle Bag Tool / Sample Boxes</td>
<td>$ <strong>See Note</strong>**</td>
</tr>
<tr>
<td>MO-280</td>
<td>Automatic Machine Anchoring System</td>
<td>$ 4,136.41</td>
</tr>
<tr>
<td>MO-286</td>
<td>Master Cylinder Speed Control</td>
<td>$ 327.75</td>
</tr>
<tr>
<td>MO-290</td>
<td>Automatic Machine Anchoring System</td>
<td>$ 5,687.57</td>
</tr>
</tbody>
</table>

**NOTE**  
(Depending on Style & Size)
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
- 4’ Kelly Bar
- 42” Stroke Mast
- 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-52 Bobcat – WIDTH 36” / LENGTH 100” / HEIGHT (TRAVEL) 72” (OPERATING) 102”
MT-55 Bobcat – WIDTH 48” / LENGTH 100” / HEIGHT (TRAVEL) 72” (OPERATING) 102”

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTARY HEAD</td>
<td>0 - 90 RPM (ADJUSTABLE)</td>
</tr>
<tr>
<td></td>
<td>575 FT LBS TORQUE (6,900 IN LBS)</td>
</tr>
<tr>
<td>MASTER CYLINDER</td>
<td>4,100 LBS DOWN FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .62 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>2,800 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .91 FT PER SECOND</td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 40 FT / 6” DIA TO 30 FT / 8” DIA TO 20 FT / 10” DIA TO 15 FT

(Shown w/ Optional Automatic Machine Anchoring System & 54” Stroke Mast)
**#5-BC / Model GSRBC**

$14,901.00
(Not Including Bobcat)

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Option Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO-200</td>
<td>54” Stroke Mast ...........................................</td>
<td>$244.31</td>
</tr>
<tr>
<td>MO-202</td>
<td>66” Stroke Mast ...........................................</td>
<td>$488.62</td>
</tr>
<tr>
<td>MO-204</td>
<td>Hydraulic Rotary Tube Cleaning Brush ..................</td>
<td>$689.04</td>
</tr>
<tr>
<td>MO-212</td>
<td>Rotary Head/Cathead Attachment ..........................</td>
<td>$1,818.94</td>
</tr>
<tr>
<td>MO-214</td>
<td>140lb SPT Drop Hammer (ASTM Spec) .......................</td>
<td>$701.34</td>
</tr>
<tr>
<td>MO-215</td>
<td>Drop Hammer Carrier .........................................</td>
<td>$210.02</td>
</tr>
<tr>
<td>MO-216</td>
<td>Adapter Pin Tool/Hammer ....................................</td>
<td>$36.78</td>
</tr>
<tr>
<td>MO-218</td>
<td>Vise Grip Chain Wrench ....................................</td>
<td>$35.28</td>
</tr>
<tr>
<td>MO-220</td>
<td>Hand Tool Kit ................................................</td>
<td>$360.53</td>
</tr>
<tr>
<td>MO-230</td>
<td>5ft x 10ft Custom Low Boy Trailer .......................</td>
<td>$3,598.51</td>
</tr>
<tr>
<td>MO-231</td>
<td>5ft x 12ft Custom Low Boy Trailer .......................</td>
<td>$3,958.36</td>
</tr>
<tr>
<td>MO-232</td>
<td>5ft x 14ft Custom Low Boy Trailer .......................</td>
<td>$4,318.21</td>
</tr>
<tr>
<td>MO-233</td>
<td>Tandem Axle Trailer .........................................</td>
<td>$1,249.19</td>
</tr>
<tr>
<td>MO-234</td>
<td>Low Boy Trailer Side Mount Toolbox ....................</td>
<td>$499.53</td>
</tr>
<tr>
<td>MO-238</td>
<td>Saddle Bag Tool / Sample Boxes .........................</td>
<td><strong>See Note</strong></td>
</tr>
<tr>
<td>MO-286</td>
<td>Master Cylinder Speed Control ............................</td>
<td>$327.75</td>
</tr>
<tr>
<td>MO-290</td>
<td>Automatic Machine Anchoring System ....................</td>
<td>$5,687.57</td>
</tr>
</tbody>
</table>

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5ft x 10ft Custom Low Boy Trailer Side Mount Tool/Storage Box
5ft x 10ft Custom Low Boy Trailer Side Mount Tool/Storage Box
5ft x 14ft Tandem Axle Low Boy Trailer Side Mount Tool/Storage Boxes
Automatic Machine Anchoring System
140lb SPT Drop Hammer Rotary Head/cathead Attachment
Rotary Tube Cleaning Brush
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 John Deere Gator, Polaris Ranger, Kawasaki Mule, Argo Conquest or similar utility vehicle. (could be used in the back of a pickup 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
- 6gal Gas Tank
- Machine Anchoring System
- Gauge & Control Panel
- Hydraulic Oil Cooler
- Pipe Vise

**Weight** 800 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** (Mounted on 6 x 4 Gator)

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

**EQUIPMENT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>ROTARY HEAD</th>
<th>0 - 90 RPM (ADJUSTABLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASTER CYLINDER</td>
<td>575 FT LBS TORQUE (6,900 IN LBS)</td>
</tr>
<tr>
<td></td>
<td>4,100 LBS DOWN FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .62 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>2,800 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .91 FT PER SECOND</td>
</tr>
</tbody>
</table>

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

4” DIA TO 40 FT / 6” DIA TO 30 FT / 8” DIA TO 20 FT / 10” DIA TO 10 FT
$21,891.00
(Not Including Utility Vehicle)

**MACHINE OPTIONS**

- **#MO-200** 54" Stroke Mast $244.31
- **#MO-202** 66" Stroke Mast $488.62
- **#MO-204** Hydraulic Rotary Tube Cleaning Brush $689.04
- **#MO-208** Front Mount Kelly Bar / Tool / Storage Box $522.54
- **#MO-212** Rotary Head / Cathead Attachment $1,818.94
- **#MO-214** 140lb SPT Drop Hammer (ASTM Spec) $701.34
- **#MO-215** Drop Hammer Carrier $210.02
- **#MO-216** Adapter Pin Tool / Hammer $36.78
- **#MO-218** Vise Grip Chain Wrench $35.28
- **#MO-220** Hand Tool Kit $360.53
- **#MO-228** 8ft XHD Aluminum Loading Ramps $466.24
- **#MO-230** 5ft x 10ft Custom Low Boy Trailer $3,598.51
- **#MO-231** 5ft x 12ft Custom Low Boy Trailer $3,958.36
- **#MO-232** 5ft x 14ft Custom Low Boy Trailer $4,318.21
- **#MO-233** Tandem Axle Trailer $1,249.19
- **#MO-234** Low Boy Trailer Side Mount Toolbox $499.53
- **#MO-236** Dash Mount Work Surface / Tray $165.43
- **#MO-238** Saddle Bag Tool / Sample Storage Box $327.75

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

- **#MO-261** Argo Conquest Flatbed & Frame Assem $1,581.98
- **#MO-264** Double Deck Flatbed (For #MO-262) $497.65
- **#MO-286** Master Cylinder Speed Control $327.75
- **#MO-290** Automatic Machine Anchoring System $5,687.57

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5ft x 10ft Custom Low Boy Trailer Side Mount Tool/Storage Box
5ft x 14ft Tandem Axle Low Boy Trailer Side Mount Tool/Storage Box
Front Mount Kelly Bar / Tool Box Dash Mount Work Tray
Saddle Bag Side Box w/ Foldable Work Tray
Automatic Machine Anchoring System
140lb SPT Drop Hammer Rotary Head / Cathead Attachment
Rotary Tube Cleaning Brush
#15-UV / Model GSRPSUV

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
- 15gal 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

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

- **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**

4” DIA TO 60 FT / 6” DIA TO 50 FT / 8” DIA TO 40 FT / 10” DIA TO 30 FT

(Shown w/ Optional Automatic)

Machine Anchoring System
#15-UV / Model GSRPSUV

$25,344.00

MACHINE OPTIONS

#MO-000 31 HP Water Cooled Diesel .................. $1,712.34
#MO-201 66" Stroke Mast ................................. $244.31
#MO-203 78" Stroke Mast .................................. $488.62
#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $689.04
#MO-208 Front Mount Kelly Bar/Tool/Storage Box .. $522.54
#MO-210 Hydraulic Oil Cooler ............................ $406.07
#MO-213 Rotary Head/Cathead Attachment ........... $1,818.94
#MO-214 140lb SPT Drop Hammer (ASTM SPEC) $701.34
#MO-215 Drop Hammer Carrier ........................... $210.02
#MO-216 Adapter Pin Tool/Hammer ....................... $36.78
#MO-218 Vise Grip Chain Wrench ....................... $35.28
#MO-220 Hand Tool Kit ..................................... $360.53
#MO-234 Low Boy Trailer Side Tool/Storage Box .... $499.53
#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 $5,342.22
#MO-242 6ft x 14ft Tandem Axle Low Boy Trailer $5,702.07
(High Quality Trailers Specifically Built for These Machines)
(Rect Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
#MO-150 Side Feed Water Swivel / AW .................. $589.82
#MO-151 Side Feed Water Swivel / AWJ ................. $609.40
#MO-252 Low Pressure Water Pump System .......... $959.93
#MO-253 High Pressure Water Washing System .... $1,280.36
#MO-254 25gal Water Tank ................... $629.25
#MO-256 75gal Water Tank ......................... $1,239.43
(Water Tanks Are Made of Aluminum)
#MO-257 35ft Low Pressure Retractable Hose Reel . $374.48
#MO-259 35ft High Pressure Retractable Hose Reel $450.97
#MO-186 Master Cylinder Speed Control .............. $327.75
#MO-190 Automatic Machine Anchoring System .. $5,170.52

6ft x 14ft Tandem Axle Low Boy Trailer
Side Mount Tool/Storage Boxes

Front Mount Kelly Bar/Tool Box
Dash Mount Work Tray

Saddle Bag Side Box w/ Foldable Work Tray

Rotary Tube Cleaning Brush

140lb SPT Drop Hammer
Rotary Head/Cathead Attachment

Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel

Automatic Machine Anchoring System
#25-UV / Model HDGSRPSUV

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 Vangard 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
- 20gal Oil Reservoir
- 20gal Fuel Tank
- 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>Component</th>
<th>Specification</th>
</tr>
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<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>
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<tr>
<td>MASTER CYLINDER</td>
<td>12,000 LBS DOWN FORCE</td>
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<tr>
<td></td>
<td>@ .88 FT PER SECOND</td>
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<tr>
<td></td>
<td>7,500 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ 1.38 FT PER SECOND</td>
</tr>
</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 70 FT / 6” DIA TO 55 FT / 8” DIA TO 40 FT / 10” DIA TO 25 FT

(Shown w/ Optional 35hp Water Cooled Turbo Diesel)

and Automatic Machine Anchoring System
MACHINES OPTIONS

$ 31,427.00
(Not Including the Utility Vehicle)

#MO-002 35hp Water Cooled Turbo Diesel........ $ 2,473.83
#MO-201 66” Stroke Mast………………………….. $244.31
#MO-203 78” Stroke Mast………………………….. $ 488.62
#MO-204 Hydraulic Rotary Tube Cleaning Brush.... $ 689.04
#MO-208 Front Mount Kelly Bar/Tool/Storage Box.. $ 522.54
#MO-213 Rotary Head/Cathead Attachment………. $ 1,818.94
#MO-214 140 lb. Drop Hammer (ASTM SPEC)… $ 701.34
#MO-215 Drop Hammer Carrier…………………… $ 210.02
#MO-216 Adapter Pin Tool/Hammer………………….. $ 36.78
#MO-218 Vise Grip Chain Wrench…………………. $ 35.28
#MO-220 Hand Tool Kit…………………………….. $ 360.53
#MO-234 Low Boy Trailer Side Tool/Storage Box… $ 499.53
#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 $ 5,342.22
#MO-242 6ft x 14ft Tandem Axle Low Boy Trailer $ 5,702.07
(High Quality Trailers Specifically Built for These Machines)
(Reel Steel Tubing Frame w/ Full Aluminum Tread Brite Deck)
#MO-150 Side Feed Water Swivel / AW……………… $ 589.82
#MO-151 Side Feed Water Swivel / AWJ…………… $ 609.40
#MO-252 Low Pressure Water Pump System……… $ 959.93
#MO-253 High Pressure Water Washing System… $ 1,280.36
#MO-254 25gal Water Tank………………………… $ 629.25
#MO-256 75gal Water Tank………………………… $ 1,239.43
(Water Tanks Are Made of Aluminum)
#MO-257 35ft Low Pressure Retractable Hose Reel . $ 374.48
#MO-259 35ft High Pressure Retractable Hose Reel. $ 450.97
#MO-186 Master Cylinder Speed Control…………… $ 327.75
#MO-190 Automatic Machine Anchoring System .. $ 5,170.52
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a Square Tubular Frame supported by a Caterpillar 307C Excavator Track System. This model is self powered with a 62 HP, 4 Cyl Kubota, Water Cooled, Turbo Diesel, Engine equipped with a 12 volt starter and alternator.

Standard Features Include:

- XHD Rotary Head
- Pipe Vise
- 4ft XHD / 2”sq Kelly Bar
- 12 Volt Battery
- Hydraulic Oil Cooler
- Triple Deck Auger Storage

Hydraulic Swinging Mast 60” Stroke Mast Machine Anchoring System Reclining Tail Gate Mount Enclosed Drill Tool Carrier Gauge & Control Panel Four Hydraulic Stabilizer Jacks

Complete machine constructed from STEEL

Weight 7,500 lbs

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 (2 SPEED)

LOW SPEED / HIGH TORQUE SETTING
0 - 75 RPM (ADJUSTABLE)
2,200 FT LBS TORQUE (25,200 IN LBS)

HIGH SPEED / LOW TORQUE SETTING
0-150 RPM (ADJUSTABLE)
1,100 FT LBS TORQUE (12,600 IN LBS)

MASTER CYLINDER
16,000 LBS DOWN FORCE
@ 0 - 1.1 FT PER SECOND (ADJUSTABLE)
12,000 LBS PULL FORCE
@ 0 - 1.72 FT PER SECOND (ADJUSTABLE)

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 160 FT / 6” DIA TO 150 FT / 8” DIA TO 130 FT / 10” DIA TO 100 FT

(Shown w/ Optional Automatic SPT Drop Hammer, Low & High Water Systems)
Tool Pulling Winch, 150gal Water Tank, Front Mount Tool/Storage Boxes
#35-TV Model GSRPSTV

$ 99,823.00

MACHINES OPTIONS

#MO-101 72” Stroke Mast ........................................... $ 282.59
#MO-103 84” Stroke Mast ........................................... $ 565.18
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $ 633.05
#MO-113 Rotary Head/Cathead Attachment ....... $ 1,790.36
#MO-114 140lb SPT Drop Hammer (ASTM SPEC) $ 701.34
#MO-115 Drop Hammer Carrier ......................... $ 175.02
#MO-116 Adapter Pin Tool/Hammer ..................... $ 36.78
#MO-118 Vise Grip Chain Wrench ..................... $ 35.28
#MO-120 Hand Tool Kit ......................................... $ 360.53
#MO-124 Deck Mount Auger Rack ...................... $ 233.85
#MO-137 Front Mount Tool/Storage Box ............. $ 418.03
#MO-150 Side Feed Water Swivel / AW ............. $ 589.82
#MO-151 Side Feed Water Swivel / AWJ .......... $ 609.40
#MO-152 Low Pressure Water Pump System .... $ 959.93
#MO-153 High Pressure Water Washing System ... $ 1,280.36
#MO-154 25gal Water Tank ............................... $ 503.40
#MO-156 75gal Water Tank ............................... $ 991.54
#MO-158 150gal Water Tank ......................... $ 1,983.08

(Water Tanks Are Steel w/ Epoxy Interior Coating)

#MO-157 35ft Low Pressure Retractable Hose Reel  $ 374.48
#MO-159 35ft High Pressure Retractable Hose Reel $ 450.97
#MO-160 Hydraulic Tool Pulling Winch .............. $ 3,943.20
#MO-170 140lb Automatic SPT Drop Hammer ..... $ 5,352.78
#MO-171 170lb Automatic SPT Drop Hammer ..... $ 5,442.26

(All Drop Hammers Meet ASTM Specifications)

#MO-180 #35 Rotary Head to 1 1/4” Kelly Bar Adap $576.07

140lb Automatic SPT Drop Hammer
Rotary Head/Cathead Attachment

140lb SPT Drop Hammer
Rotary Head/Cathead Attachment

Front Mount Tool/Storage Boxes

Hydraulic Tool Pulling Winch

Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel
#3-SM / Model SMGSRM

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 18hp two 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

42” Stroke Mast
1ft Adjustable Kelly Bar
Hydraulic Stabilizer Foot
Gauge & Control Panel
Folding Mast Assembly
5gal Gas Tank

Weight 400 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION
DESIGNED FOR USE OF AUGERS & SOIL TUBES / UP TO 4” 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 a 3ft deep sample in any soils and most frozen ground conditions. Optional 4ft sample depth available. Diameters will vary with soil types.
#3-SM / Model GSRMSM

$13,713.00

MACHINES OPTIONS

#MO-200  54" Stroke Mast ...................................... $244.31
#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $626.40
#MO-216 Adapter Pin Tool/Hammer ......................... $36.78
#MO-218 Vise Grip Chain Wrench ......................... $35.28
#MO-220 Hand Tool Kit ........................................ $360.53
#MO-221 Remote Cab Mount Controls ...................... $692.93
#MO-222 Multi Sample Collection Box Assembly ... $382.32
All fixtures are mounted on an aluminum square tubular frame and deck. The hydraulic system is powered by a 18hp two 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
- 42” Stroke Mast
- 4ft Kelly Bar
- Folding Mast Assembly
- Gauge & Control Panel
- 5gal Gas Tank

Weight 425 lbs

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ 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 a deep samples in any soils and most frozen ground conditions. Diameters will vary with soil types.
#4-SM/Model GSRHSM

$16,063.00

MACHINES OPTIONS

#MO 200  54” Stroke Mast ................................................. $244.31
#MO-204 Hydraulic Rotary Tube Cleaning Brush .... $689.04
#MO-216 Adapter Pin Tool/Hammer .......................... $36.78
#MO-218 Vise Grip Chain Wrench ......................... $35.28
#MO-220 Hand Tool Kit  .................................................. $360.53
#MO-221 Remote Cab Mount Controls ..................... $692.93
#MO-222 Multi Sample Collection Box Assembly ... $382.32
#10-SC / Model GSPS

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 horsepower two cylinder Briggs & Stratton air cooled gas engine equipped with a 12 volt starter and alternator.

Standard Features Include:

- Swinging Mast
- 8’ Kelly Bar
- 10 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 Sampling Tubes up to 10” Dia

This Model Does Not Have Rotary Capabilities for Soil Tubes, Augers
Or the Std. Machine Anchoring System

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Master Cylinder</th>
<th>7,400 LBS Down Force</th>
</tr>
</thead>
<tbody>
<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

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
- ELECTRIC BRAKE LOCK
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- AUTOMATIC MACHINE ANCHORING SYSTEM
- MASTER CYLINDER SPEED CONTROL
- 25gal / 75gal WATER TANK
- LOW PRESSURE WATER PUMP SYSTEM
- HIGH PRESSURE WATER WASHING SYSTEM
- 35ft Low Pressure Retractable Hose Reel
- 35ft High Pressure Retractable Hose Reel
$16,133.00

MACHINES OPTIONS

#MO-100 66” Stroke Mast ........................................... $215.71
#MO-102 78” Stroke Mast ............................................ $431.32
#MO-104 Hydraulic Rotary Tube Cleaning Brush ........ $633.05
#MO-110 Hydraulic Oil Cooler .................................. $406.07
#MO-116 Adapter Pin Tool/Hammer ....................... $36.78
#MO-118 Vise Grip Chain Wrench .......................... $35.28
#MO-120 Hand Tool Kit ........................................... $360.53
#MO-122 Electric Brake Lock (Depending on Installation)
#MO-125 Machine Installation & Storage System .... $475.57
#MO-128 Raised Operator Platform (Depending on Installation)
#MO-152 Low Pressure Water Pump System ........ $959.93
#MO-153 High Pressure Water Washing System .... $1,280.36
#MO-154 25gal Water Tank ..................................... $503.40
#MO-156 75gal Water Tank .................................... $991.54
(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel .... $374.48
#MO-159 35ft High Pressure Retractable Hose Reel .... $450.97
#MO-186 Master Cylinder Speed Control ................. $327.75
#MO-190 Auto Anchoring System ......................... $5,170.52
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, Two 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
10gal Gas Tank

Machine Anchoring System
Reclining Tail Gate Mount
4 Way Leveling System
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

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

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

4” DIA TO 50 FT / 6” DIA TO 40 FT / 8” DIA TO 30 FT / 10” DIA 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 / 75Gal WATER TANK
- LOW & HIGH PRESSURE WATER SYSTEMS
- DECK MOUNT AUGER RACK
- AUTOMATIC MACHINE ANCHORING SYSTEM
- 31 HP DIESEL ENGINE
- ELECTRIC FRONT WHEEL BRAKE LOCK
#15-SCS / Model GSRPS

$ 20,573.00

**MACHINES OPTIONS**

| Option Code | Description                                                                 | Price  
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<tr>
<th></th>
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<tbody>
<tr>
<td>#MO-000</td>
<td>31 HP Diesel Engine</td>
<td>$1,712.34</td>
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<tr>
<td>#MO-100</td>
<td>66” Stroke Mast</td>
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<td>#MO-102</td>
<td>78” Stroke Mast</td>
<td>$431.32</td>
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<tr>
<td>#MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$633.05</td>
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<td>#MO-108</td>
<td>Rear Hydraulic Stabilizer Jacks</td>
<td>$992.04</td>
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<td>#MO-110</td>
<td>Hydraulic Oil Cooler</td>
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<td>#MO-112</td>
<td>Rotary Head/Cathead Attachment</td>
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<tr>
<td>#MO-114</td>
<td>140lb SPT Drop Hammer (ASTM SPEC)</td>
<td>$701.34</td>
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<tr>
<td>#MO-115</td>
<td>Drop Hammer Carrier</td>
<td>$175.02</td>
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<td>#MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$36.78</td>
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<tr>
<td>#MO-118</td>
<td>Vise Grip Chain Wrench</td>
<td>$35.28</td>
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<tr>
<td>#MO-120</td>
<td>Hand Tool Kit</td>
<td>$360.53</td>
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<tr>
<td>#MO-122</td>
<td>Electric Brake Lock (Depending on Installation)</td>
<td>$609.40</td>
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<tr>
<td>#MO-124</td>
<td>Deck Mount Auger Rack</td>
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<tr>
<td>#MO-125</td>
<td>Machine Installation &amp; Storage System</td>
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<tr>
<td>#MO-128</td>
<td>Raised Operator Platform (Depending on Installation)</td>
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<tr>
<td>#MO-150</td>
<td>Side Feed Water Swivel / AW</td>
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<td>#MO-151</td>
<td>Side Feed Water Swivel / AWJ</td>
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<tr>
<td>#MO-152</td>
<td>Low Pressure Water Pump System</td>
<td>$959.93</td>
</tr>
<tr>
<td>#MO-153</td>
<td>High Pressure Water Washing System</td>
<td>$1,280.36</td>
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<tr>
<td>#MO-154</td>
<td>25gal Water Tank</td>
<td>$503.40</td>
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<tr>
<td>#MO-156</td>
<td>75gal Water Tank</td>
<td>$991.54</td>
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<td></td>
<td>(Water Tanks Are Steel w/ Epoxy Interior Coating)</td>
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<tr>
<td>#MO-157</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
<td>$374.48</td>
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<tr>
<td>#MO-159</td>
<td>35ft High Pressure Retractable Hose Reel</td>
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<tr>
<td>#MO-186</td>
<td>Master Cylinder Speed Control</td>
<td>$327.75</td>
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<tr>
<td>#MO-188</td>
<td>2spd Rotary Head – LSHT / HSLT</td>
<td>$2,479.04</td>
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<tr>
<td>#MO-190</td>
<td>Automatic Machine Anchoring System</td>
<td>$5,170.52</td>
</tr>
</tbody>
</table>

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- **25gal Water Tank** (Side)
- **Water Tank** (Back)
- **Deck Mount Auger Rack**
- **Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel**
- **High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel**
- **Automatic Anchoring System**
- **140lb SPT Drop Hammer Rotary Head/Cathead Attachment**
- **Rotary Tube Cleaning Brush**
#25-SCS / Model HDGSRPS

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 in a Standard Pick-up Truck. (A Special Tubular Steel Platform Frame is Required for Installation in Standard Pickup Box). This model is self powered with a 35 HP Vangard Two 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
- Machine Anchoring System
- 54” Stroke Mast
- Reclining Tail Gate Mount
- 20gal Oil Reservoir
- Enclosed Drill Tool Carrier
- 15gal Gas Tank
- Gauge & Control Panel

Weight 2,000 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>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</td>
</tr>
<tr>
<td></td>
<td>@ .88 FT PER SECOND</td>
</tr>
<tr>
<td></td>
<td>7,500 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ 1.38 FT PER SECOND</td>
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</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 75 FT / 6” DIA TO 60 FT / 8” DIA TO 50 FT / 10” DIA TO 30 FT

AVAILABLE OPTIONS

66” / 78” STROKE MAST
- MASTER CYLINDER SPEED CONTROL
- 25gal / 75gal WATER TANK
- LOW & HIGH PRESSURE WATER SYSTEMS
- DECK MOUNT AUGER RACK
- ROTARY HEAD/CATHEAD ATTACHMENT
- 140lb SPT DROP HAMMER (ASTM SPECIFICATIONS)
- 2spd ROTARY HEAD
- AUTOMATIC MACHINE ANCHORING SYSTEM
- ELECTRIC FRONT WHEEL BRAKE LOCK
- MACHINE MOUNTING SUB FRAME & STORAGE ENCLOSURE
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- REAR HYDRAULIC STABILIZER JACKS
- RAISED OPERATOR PLATFORM
#25-SCS / Model HDGSRPS

$27,656.00

MACHINES OPTIONS

#MO-002 35hp Water Cooled Turbo Diesel .......... $2,473.83
#MO-100 66” Stroke Mast .................................. $215.71
#MO-102 78” Stroke Mast .................................. $431.32
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $633.05
#MO-108 Rear Hydraulic Stabilizer Jacks .......... $992.04
#MO-112 Rotary Head/Cathead Attachment ....... $1,667.27
#MO-114 140lb SPT Drop Hammer (ASTM SPEC) $701.34
#MO-115 Drop Hammer Carrier ......................... $175.02
#MO-116 Adapter Pin Tool/Hammer ...................... $36.78
#MO-118 Vise Grip Chain Wrench ....................... $35.28
#MO-120 Hand Tool Kit .................................. $360.53
#MO-122 Electric Brake Lock ...... (Depending on Installation)
#MO-123 Machine Installation Frame / Pickup Box $621.39
#MO-124 Deck Mount Auger Rack ......................... $223.85
#MO-128 Raised Operator Platform (Depending on Installation)
#MO-150 Side Feed Water Swivel / AW ............... $589.82
#MO-151 Side Feed Water Swivel / AWJ .............. $609.40
#MO-152 Low Pressure Water Pump System .......... $959.93
#MO-153 High Pressure Water Washing System ... $1,280.36
#MO-154 25gal Water Tank ................................ $503.40
#MO-156 75gal Water Tank ................................ $991.54

(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel $374.48
#MO-159 35ft High Pressure Retractable Hose Reel $450.97
#MO-160 Hydraulic Tool Pulling Winch ............... $3,943.20
#MO-186 Master Cylinder Speed Control .......... $327.75
#MO-188 2spd Rotary Head – HSLT/LSHT ........... $2,479.04
#MO-190 Automatic Machine Anchoring System .. $5,170.52

25gal Water Tank (Side)

Water Tank (Front)

Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel

Deck Mount Auger Rack

Automatic Anchoring System

Hydraulic Tool Pulling Winch

140lb SPT Drop Hammer Rotary Head/Cathead Attachment

Rotary Tube Cleaning Brush
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 self powered with a 52 HP, 4 Cyl Kubota, Water Cooled, Diesel Engine equipped with a 12 volt starter and alternator. Complete machine constructed from STEEL.

Standard Features Include:

- XHD Rotary Head
- HD Pipe Vise
- 4’ XHD / 2”sq Kelly Bar
- Hydraulic Mast In & Out
- XHD Rotary Head Machine Anchoring System
- 60” Stroke Mast (Low Head Clearance)
- 20gal Fuel Tank
- Reclining Tail Gate Mount
- 35gal Oil Reservoir
- Enclosed Drill Tool Carrier
- Hydraulic Oil Cooler
- Gauge & Control Panel
- Weight 3,500 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 18” DIA

**EQUIPMENT SPECIFICATIONS**

**ROTARY HEAD**

<table>
<thead>
<tr>
<th>LOW SPEED / HIGH TORQUE SETTING</th>
<th>0 - 75 RPM (ADJUSTABLE)</th>
</tr>
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<tbody>
<tr>
<td>2,200 FT LBS TORQUE (25,200 IN LBS)</td>
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<table>
<thead>
<tr>
<th>HIGH SPEED / LOW TORQUE SETTING</th>
<th>0-150 RPM (ADJUSTABLE)</th>
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</thead>
<tbody>
<tr>
<td>1,100 FT LBS TORQUE (12,600 IN LBS)</td>
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**MASTER CYLINDER**

<table>
<thead>
<tr>
<th>16,000 LBS DOWN FORCE</th>
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<tbody>
<tr>
<td>@ 0 - 1.1 FT PER SECOND (ADJUSTABLE)</td>
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</table>

<table>
<thead>
<tr>
<th>12,000 LBS PULL FORCE</th>
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</thead>
<tbody>
<tr>
<td>@ 0 - 1.72 FT PER SECOND (ADJUSTABLE)</td>
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</tbody>
</table>

**APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

- 4” DIA TO 160 FT / 6” DIA TO 145 FT / 8” DIA TO 130 FT / 10” DIA TO 100 FT

**AVAILABLE OPTIONS**

- 72” OR 84” STROKE MAST
- 75 GALLON WATER TANK / 150 GALLON WATER TANK
- AUGER RACKS / DECK MOUNT OR UNDER DECK MOUNT
- TOOL BOXES / DECK MOUNT OR UNDER DECK MOUNT
- HYDRAULIC TOOL PULLING WINCH / CATHEAD MOUNT
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- ROTARY HEAD/CATHEAD ATTACHMENT
- 140lb x 30” STROKE AUTOMATIC SPT DROP HAMMER SYSTEM
- 170lb x 24” STROKE AUTOMATIC SPT DROP HAMMER SYSTEM
- 140 LB SPT DROP HAMMER (SAFETY TYPE)

(ALL HAMMERS MEET ASTM SPECIFICATIONS)

- AUTOMATIC MACHINE ANCHORING SYSTEM
- REAR HYDRAULIC STABILIZER JACKS
- LOW/HIGH PRESSURE WATER SYSTEM
#35-SCS / Model XHDGSRPS

$ 43,930.00

MACHINE OPTIONS

#MO-101  72” Stroke Mast ........................................ $ 282.59
#MO-103  84” Stroke Mast ..................................... $ 565.18
#MO-104 Hydraulic Rotary Tube Cleaning Brush ........ $ 633.05
#MO-108 Rear Hydraulic Stabilizer Jacks ..................... $ 992.04
#MO-113 Rotary Cathead Attachment ........................ $ 1,790.36
#MO-114  140lb SPT Drop Hammer (ASTM SPEC) .... $ 701.34
#MO-115 Drop Hammer Carrier ................................ $ 175.02
#MO-116 Adapter Pin Tool/Hammer ........................... $ 36.78
#MO-118 Vise Grip Chain Wrench .............................. $ 35.28
#MO-120 Hand Tool Kit ........................................... $ 360.53
#MO-122 Electric Brake Lock ................................. (Depending on Installation)
#MO-124 Deck Mount Auger Rack Auger Rack ........ $ 223.85
#MO-128 Raised Operators Platforms .... (Depending On Truck)
#MO-146 Under Deck Hollow Stem Auger Rack .......... $ 941.06
#MO-148 Under Deck Tool/Storage Box ...................... $ 288.04
#MO-150 Side Feed Water Swivel / AW ..................... $ 589.82
#MO-151 Side Feed Water Swivel / AWJ ...................... $ 609.40
#MO-152 Low Pressure Water Pump System .............. $ 959.93
#MO-153 High Pressure Water Washing System ........... $ 1,280.36
#MO-154  25gal Water Tank ......................................... $ 503.40
#MO-156  75gal Water Tank ......................................... $ 991.54
#MO-158  150gal Water Tank ....................................... $ 1,983.08

(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel .... $ 374.48
#MO-159 35ft High Pressure Retractable Hose Reel .... $ 450.97
#MO-160 Hydraulic Tool Pulling Winch ..................... $ 3,943.20
#MO-170 140lb Automatic SPT Drop Hammer .......... $ 5,352.78
#MO-171 170lb Automatic SPT Drop Hammer .......... $ 5,442.26

(Automatic SPT Drop Hammers Meet ASTM Specifications)
#MO-180 #35 Rotary Head to 1 1/4” Kelly Bar Adapter $ 576.07
#MO-190 Automatic Machine Anchoring System ....... $ 5,170.52

140lb Automatic SPT Drop Hammer Rotary Head/Cathead Attachment
140lb SPT Drop Hammer Rotary Head/Cathead Attachment
140lb Automatic SPT Drop Hammer Rotary Head/Cathead Attachment
Under Deck Hollow Tool/Storage Box
Under Deck Hollow Tool/Storage Box
Rotary Tube Cleaning Brush
Under Deck Hollow Stem Auger Rack
Under Deck Hollow Stem Auger Rack
Hydraulic Tool Pulling Winch
Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel

39
#10-PTO / Model GSPSPTO

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. It is designed to mount on a standard pick-up truck with four speed manual transmission and is powered by vehicle power-take-off. (Vehicle P.T.O. not included). Due to mounting complications, P.T.O. driven units are no longer available for Four Wheel Drive Trucks. (Call for Explanation)

Complete Machine Built out of Steel.

Standard Features Include:

- Probe Head
- 8’ Kelly Bar
- Pipe Vise
- 4 Way Leveling System
- Hyd. Pump, Hoses, & all Required Components for Installation (Less Power Take-Off)

Weight 1,000 lbs.

DESIGNED FOR ALL TYPES OF DIRECT PUSH SAMPLING TUBES / UP TO 10” DIA

This Model Does Not Have Rotary Capabilities for Soil Tubes, Augers Or the Machine Anchoring System

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 OIL COOLER

25gal / 75gal WATER TANK

LOW PRESSURE WATER PUMP SYSTEM

HIGH PRESSURE WATER WASHING SYSTEM

ELECTRIC FRONT BRAKE LOCK

HYDRAULIC ROTARY TUBE CLEANING BRUSH

AUTOMATIC MACHINE ANCHORING SYSTEM
#10-PTO / Model GSPSPTO

$ 13,846.00

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Option Code</th>
<th>Option Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#MO-100</td>
<td>66” Stroke Mast</td>
<td>$ 215.71</td>
</tr>
<tr>
<td>#MO-102</td>
<td>78” Stroke Mast</td>
<td>$ 431.32</td>
</tr>
<tr>
<td>#MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 633.05</td>
</tr>
<tr>
<td>#MO-110</td>
<td>Hydraulic Oil Cooler</td>
<td>$ 406.07</td>
</tr>
<tr>
<td>#MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$ 36.78</td>
</tr>
<tr>
<td>#MO-118</td>
<td>Vise Grip Chain Wrench</td>
<td>$ 35.28</td>
</tr>
<tr>
<td>#MO-120</td>
<td>Hand Tool Kit</td>
<td>$ 360.53</td>
</tr>
<tr>
<td>#MO-122</td>
<td>Electric Front Brake Lock (Depending on Installation)</td>
<td></td>
</tr>
<tr>
<td>#MO-125</td>
<td>Machine Installation &amp; Storage System</td>
<td>$ 475.57</td>
</tr>
<tr>
<td>#MO-128</td>
<td>Raised Operator Platform (Depending on Installation)</td>
<td></td>
</tr>
<tr>
<td>#MO-152</td>
<td>Low Pressure Water Pump System</td>
<td>$ 959.93</td>
</tr>
<tr>
<td>#MO-153</td>
<td>High Pressure Water Washing System</td>
<td>$ 1,280.36</td>
</tr>
<tr>
<td>#MO-154</td>
<td>25gal Water Tank</td>
<td>$ 503.40</td>
</tr>
<tr>
<td>#MO-156</td>
<td>75gal Water Tank</td>
<td>$ 991.54</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>$ 374.48</td>
</tr>
<tr>
<td>#MO-159</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$ 450.97</td>
</tr>
<tr>
<td>#MO-186</td>
<td>Master Cylinder Speed Control</td>
<td>$ 327.75</td>
</tr>
<tr>
<td>#MO-190</td>
<td>Auto Machine Anchoring System</td>
<td>$ 5,170.52</td>
</tr>
</tbody>
</table>

25gal Water Tank (Side)  Water Tank (Back)

Rotary Tube Cleaning Brush

Automatic Machine Anchoring System
#15-PTO / Model GSRPTO

Hydraulic Soil Sampling, Coring & Drilling Machine

All fixtures are secured on a 4’ x 6’ (122 x 183 cm) floor plate. This model is designed to mount on a standard pick-up truck with four speed manual transmission and powered by vehicle power-take-off. (Vehicle P.T.O. not included). Due to mounting complications, P.T.O. driven units are no longer available for four wheel drive trucks.

Complete Machine Constructed in steel.

Standard Features Include:

- Rotary Head
- Pipe Vise
- 8’ Kelly Bar
- Rear Throttle Control
- Hydraulic pump, hoses, & all required components for installation

Weight 1,200 lbs.

THIS MACHINE FEATURES DIRECT PUSH ONLY or w/ ROTARY COMBINATION

DESIGNED FOR THE USE OF ALL TYPES OF AUGERS, SOIL TUBES, ETC. \(\text{UP TO 10” DIA}\)

### EQUIPMENT SPECIFICATIONS

**ROTARY HEAD**
- 0 - 110 RPM (ADJUSTABLE)
- 715 FT LBS TORQUE (8,580 IN LBS)

**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**
- 4” DIA TO 30 FT / 6” DIA TO 25 FT / 8” DIA TO 20 FT

### AVAILABLE OPTIONS

- 66” / 78” STROKE MAST
- 25gal 75gal WATER TANK
- LOW & HIGH PRESSURE WATER SYSTEMS
- DECK MOUNT AUGER RACK
- ELECTRIC FRONT BRAKE LOCK
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- HYDRAULIC OIL COOLER
- 2spd ROTARY HEAD
- ROTARY HEAD/CATHEAD ATTACHMENT
- 140lb SPT SAFETY TYPE DROP HAMMER (ASTM SPECIFICATIONS)
- AUTOMATIC MACHINE ANCHORING SYSTEM
#15-PTO / Model GSRPSPTO

$ 17,131.00

MACHINE OPTIONS

#MO-100 66" Stroke Mast ........................................ $ 215.71
#MO-102 78" Stroke Mast ....................................... $ 431.32
#MO-104 Hydraulic Rotary Tube Cleaning Brush .... $ 633.05
#MO-108 Rear Hydraulic Stabilizer Jacks ................. $ 992.04
#MO-110 Hydraulic Oil Cooler ................................ $ 406.07
#MO-112 Rotary Head/Cathead Attachment ........... $ 1,667.27
#MO-114 140lb SPT Drop Hammer (ASTM SPEC) $ 701.34
#MO-115 Drop Hammer Carrier ............................... $ 175.02
#MO-116 Adapter Pin Tool/Hammer ......................... $ 36.78
#MO-118 Vise Grip Chain Wrench ......................... $ 35.28
#MO-120 Hand Tool Kit .......................................... $ 360.53
#MO-122 Electric Front Brake Lock (Depending on Installation)
#MO-124 Deck Mount Auger Rack ............................. $ 223.85
#MO-125 Machine Installation & Storage System .... $ 475.57
#MO-128 Raised Operator Platform (Depending on Installation)
#MO-150 Side Feed Water Swivel / AW .................. $ 589.82
#MO-151 Side Feed Water Swivel / AWJ .................. $ 609.40
#MO-152 Low Pressure Water Pump System ............ $ 959.93
#MO-153 High Pressure Water Washing System .... $ 1,280.36
#MO-154 25gal Water Tank ...................................... $ 503.40
#MO-156 75gal Water Tank ................................. $ 991.54
(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel . $ 374.48
#MO-159 35ft High Pressure Retractable Hose Reel . $ 450.97
#MO-186 Master Cylinder Speed Control ............... $ 327.75
#MO-190 Automatic Machine Anchoring System . $ 5,170.52

25gal Water Tank (Side)  
Water Tank (Back)

Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel  
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel  

140lb SPT Drop Hammer  
Rotary Head/Cathead Attachment

Automatic Machine Anchoring System

Deck Mount Auger Rack  
Rotary Tube Cleaning Brush
#25-PTO / Model HDGSRPTO

Hydraulic Soil Sampling, Coring & Drilling Machine

All fixtures are secured on a 4’ x 6’ (122 x 183 cm) floor plate. This model is designed to mount on a standard pick-up truck with four speed manual transmission and powered by vehicle power-take-off. (Vehicle P.T.O. not included). Due to mounting complications, P.T.O. driven units are no longer available for four wheel drive trucks.

Complete Machine is Built out of steel

Standard Features Include:

- Heavy Duty Rotary Head
- Pipe Vise
- 8’ Heavy Duty Kelly Bar
- Rear Throttle Control
- Hydraulic pump, hoses, & all required components for installation

Weight 1,200 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 - 190 RPM (ADJUSTABLE)
  1,100 FT LBS TORQUE (12,900 IN LBS)
- MASTER CYLINDER 11,050 LBS DOWN FORCE
  @ .88 FT PER SECOND
  7,100 LBS PULL FORCE
  @ 1.38 FT PER SECOND

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 70 FT / 6” DIA TO 60 FT / 8” DIA TO 50 FT / 10” DIA TO 40 FT

AVAILABLE OPTIONS

- 66” / 78” STROKE MAST
- 23gal / 75gal / 150gal WATER TANK
- LOW & HIGH PRESSURE WATER SYSTEMS
- SIDE FEED WATER SWIVEL
- DECK MOUNT / UNDER DECK AUGER RACK
- ELECTRIC FRONT BRAKE LOCK
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- ROTARY HEAD/CATHEAD ATTACHMENT
- 140lb SPT SAFETY TYPE DROP HAMMER (ASTM SPECIFICATIONS)
- 2spd ROTARY HEAD – LSHT/HSLT
- AUTOMATIC MACHINE ANCHORING SYSTEM
#25-PTO / Model HDGSRPSPTO

## MACHINES OPTIONS

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<thead>
<tr>
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<tr>
<td>#MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 633.05</td>
</tr>
<tr>
<td>#MO-108</td>
<td>Rear Hydraulic Stabilizer Jacks</td>
<td>$ 992.04</td>
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<tr>
<td>#MO-112</td>
<td>Rotary Head/Cathead Attachment</td>
<td>$ 1,667.27</td>
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<tr>
<td>#MO-114</td>
<td>140lb SPT Drop Hammer (ASTM SPEC)</td>
<td>$ 701.34</td>
</tr>
<tr>
<td>#MO-115</td>
<td>Drop Hammer Carrier</td>
<td>$ 175.02</td>
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<td>#MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
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<td>Vise Grip Chain Wrench</td>
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<tr>
<td>#MO-120</td>
<td>Hand Tool Kit</td>
<td>$ 360.53</td>
</tr>
<tr>
<td>#MO-122</td>
<td>Electric Front Brake Lock (Depending on Installation)</td>
<td>$ 223.85</td>
</tr>
<tr>
<td>#MO-124</td>
<td>Deck Mount Auger Rack</td>
<td>$ 238.04</td>
</tr>
<tr>
<td>#MO-125</td>
<td>Machine Installation &amp; Storage System</td>
<td>$ 475.57</td>
</tr>
<tr>
<td>#MO-128</td>
<td>Raised Operator Platform (Depending On Truck)</td>
<td>$ 609.40</td>
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<tr>
<td>#MO-146</td>
<td>Under Deck Hollow Stem Auger Rack</td>
<td>$ 941.06</td>
</tr>
<tr>
<td>#MO-148</td>
<td>Under Deck Tool/Storage Box (18x18x24)</td>
<td>$ 288.04</td>
</tr>
<tr>
<td>#MO-150</td>
<td>Side Feed Water Swivel / AW</td>
<td>$ 589.82</td>
</tr>
<tr>
<td>#MO-151</td>
<td>Side Feed Water Swivel / AWJ</td>
<td>$ 609.40</td>
</tr>
<tr>
<td>#MO-152</td>
<td>Low Pressure Water Pump System</td>
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<td>$ 1,280.36</td>
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<td>#MO-154</td>
<td>25gal Water Tank</td>
<td>$ 503.40</td>
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<td>#MO-156</td>
<td>75gal Water Tank</td>
<td>$ 991.54</td>
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<tr>
<td>#MO-158</td>
<td>150gal Water Tank</td>
<td>$ 1,983.08</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>$ 374.48</td>
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<tr>
<td>#MO-159</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$ 450.97</td>
</tr>
<tr>
<td>#MO-160</td>
<td>Hydraulic Tool Pulling Winch</td>
<td>$ 3,943.20</td>
</tr>
<tr>
<td>#MO-186</td>
<td>Master Cylinder Speed Control</td>
<td>$ 327.75</td>
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<tr>
<td>#MO-188</td>
<td>2spd Rotary Head – LSHT/HSLT</td>
<td>$ 2,479.04</td>
</tr>
<tr>
<td>#MO-190</td>
<td>Automatic Machine Anchoring System</td>
<td>$ 5,170.52</td>
</tr>
</tbody>
</table>

Water Tank (Side)

Water Tank (Back)

Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel

High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel

140lb SPT Drop Hammer
Rotary Head/Cathead Attachment

Automatic Machine Anchoring System

Deck Mount Auger Rack

Rotary Tube Cleaning Brush
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 Rotary Head
- Pipe Vise
- 4’ XHD / 2”sq Kelly Bar
- Hydraulic Swinging Mast
- 4 Way Leveling System
- Hydraulic Oil Cooler
- 60” Stroke Mast (Low Clearance)
- 35gal Oil Reservoir
- Hydraulic Mast In & Out

Weight 3,000 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 18” DIA

**EQUIPMENT SPECIFICATIONS**

**ROTARY HEAD**

- **LOW SPEED / HIGH TORQUE SETTING**
  - 0 - 75 RPM (ADJUSTABLE)
  - 2,200 FT LBS TORQUE (26,400 IN LBS)

- **HIGH SPEED / LOW TORQUE SETTING**
  - 0-150 RPM (ADJUSTABLE)
  - 1,100 FT LBS TORQUE (13,200 IN LBS)

**MASTER CYLINDER**

- 16,000 LBS DOWN FORCE
- @ 0 - 1.1 FT PER SECOND
- 12,000 LBS PULL FORCE
- @ 0 - 1.72 FT PER SECOND (ADJUSTABLE)

**APPORXIMATE CAPABILITIES UNDER NORMAL CONDITIONS**

- 4” DIA TO 160 FT
- 6” DIA TO 150 FT
- 8” DIA TO 130 FT
- 10” DIA TO 100 FT

**AVAILABLE OPTIONS**

- 72” OR 84” STROKE MAST
- 25gal / 75gal / 150gal WATER TANK
- AUGER RACKS / DECK MOUNT OR UNDER DECK MOUNT
- HYDRAULIC TOOL PULLING WINCH / CAT HEAD MOUNT
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- ROTARY HEAD/CATHEAD ATTACHMENT
- 140 lb or 170 lb AUTOMATIC SPT DROP HAMMER SYSTEM
  - (ASTM SPECIFICATIONS)
- 140 LB SPT DROP HAMMER (SAFETY TYPE)
  - (ASTM SPECIFICATIONS)
- AUTOMATIC MACHINE ANCHORING SYSTEM
- REAR HYDRAULIC STABILIZER JACKS
- LOW & HIGH PRESSURE WATER SYSTEMS
#35-PTO / Model XHDGSR

$36,252.00

MACHINES OPTIONS

#MO-101  72" Stroke Mast .................................. $282.59
#MO-103  84" Stroke Mast .................................. $565.18
#MO-104 Hydraulic Rotary Tube Cleaning Brush ... $633.05
#MO-108 Rear Hydraulic Stabilizer Jacks ............. $992.04
#MO-113 Rotary Head/Cathead Attachment ............ $1,790.36
#MO-114 140lb SPT Drop Hammer (ASTM SPEC) . $701.34
#MO-115 Drop Hammer Carrier ............................ $175.02
#MO-116 Adapter Pin Tool/Hammer ....................... $36.78
#MO-118 Vise Grip Chain Wrench ........................ $35.28
#MO-120 Hand Tool Kit ..................................... $360.53
#MO-122 Electric Front Brake Lock (Depending on Installation)
#MO-124 Deck Mount Auger Rack .......................... $223.85
#MO-128 Raised Operator Platform ... (Depending On Truck)
#MO-146 Under Deck Hollow Stem Auger Rack ....... $941.06
#MO-148 Under Deck Tool/Storage Box ................. $288.04
#MO-150 Side Feed Water Swivel / AW ................ $589.82
#MO-151 Side Feed Water Swivel / AWJ ............... $609.40
#MO-152 Low Pressure Water Pump System .......... $959.93
#MO-153 High Pressure Water Washing System .... $1,280.36
#MO-154 25 Gal Water Tank ............................. $503.40
#MO-156 75 Gal Water Tank ............................. $991.54
#MO-158 150gal Water Tank .............................. $1,983.08

(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel . $374.48
#MO-159 35ft High Pressure Retractable Hose Reel $450.97
#MO-160 Hydraulic Tool Pulling Winch ............... $3,943.20
#MO-170 Automatic 140lb SPT Drop Hammer ...... $5,352.78
#MO-171 Automatic 170lb SPT Drop Hammer ...... $5,442.26

(Automatic SPT Drop Hammers Meet ASTM Specifications)
#MO-180 35 Rotary Head to 1 1/4" Kelly Bar Adap .. $756.07
#MO-190 Auto Machine Anchoring System ........... $5,170.52
#5-SCT / Model MGSRPST

Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 48” x 42” (122 x 107 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 by a 25 HP OHV Air Cooled V-Twin 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
- Hydraulic Oil Cooler

Swinging Mast (30” C-C)  Machine Anchoring System
42” Stroke Mast  Enclosed Tool Carrier
10gal Oil Reservoir  Gauge & Control Panel
6gal Gas Tank  Pipe Vise

Weight 1,100 lbs

THIS MODEL 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
OVERALL – WIDTH 72” / LENGTH 102” / HEIGHT (TRAVEL) 84” (OPERATING) 102”

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>ROTARY HEAD</th>
<th>0 - 90 RPM (ADJUSTABLE)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>575 FT LBS TORQUE (6,900 IN LBS)</td>
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<tr>
<td>MASTER CYLINDER</td>
<td>4,100 LBS DOWN FORCE</td>
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<tr>
<td></td>
<td>@ .62 FT PER SECOND</td>
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<tr>
<td></td>
<td>2,800 LBS PULL FORCE</td>
</tr>
<tr>
<td></td>
<td>@ .91 FT PER SECOND</td>
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</tbody>
</table>

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS

4” DIA TO 40 FT / 6” DIA TO 30 FT / 8” DIA TO 20 FT / 10” DIA TO 10 FT

AVAILABLE OPTIONS

- 54” or 66” STROKE MAST
- ROTARY HEAD/CATHEAD ATTACHMENT
- 140lb SPT DROP HAMMER
- HYDRAULIC ROTARY SOIL TUBE CLEANING BRUSH
- AUTOMATIC ANCHORING SYSTEM
#5-SCT / Model MGSRPST

$ 23,502.00

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#MO-200</td>
<td>54” Stroke Mast</td>
<td>$ 244.31</td>
</tr>
<tr>
<td>#MO-202</td>
<td>66” Stroke Mast</td>
<td>$ 488.62</td>
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<tr>
<td>#MO-204</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 689.04</td>
</tr>
<tr>
<td>#MO-212</td>
<td>Rotary Head/Cathead Attachment</td>
<td>$ 1,818.94</td>
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<tr>
<td>#MO-214</td>
<td>140lb SPT Drop Hammer (ASTM Spec)</td>
<td>$ 701.34</td>
</tr>
<tr>
<td>#MO-215</td>
<td>Drop Hammer Carrier</td>
<td>$ 210.02</td>
</tr>
<tr>
<td>#MO-216</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$ 36.78</td>
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<tr>
<td>#MO-218</td>
<td>Vise Grip Chain Wrench</td>
<td>$ 35.28</td>
</tr>
<tr>
<td>#MO-220</td>
<td>Hand Tool Kit</td>
<td>$ 360.53</td>
</tr>
<tr>
<td>#MO-252</td>
<td>Low Pressure Water Pump System</td>
<td>$ 959.93</td>
</tr>
<tr>
<td>#MO-253</td>
<td>High Pressure Water Washing System</td>
<td>$ 1,280.36</td>
</tr>
<tr>
<td>#MO-254</td>
<td>25gal Water Tank</td>
<td>$ 629.25</td>
</tr>
<tr>
<td>#MO-256</td>
<td>75gal Water Tank</td>
<td>$ 1,239.43</td>
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<tr>
<td></td>
<td>(Water Tanks Are Aluminum)</td>
<td></td>
</tr>
<tr>
<td>#MO-257</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
<td>$ 374.48</td>
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<tr>
<td>#MO-259</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$ 450.97</td>
</tr>
<tr>
<td>#MO-286</td>
<td>Master Cylinder Speed Control</td>
<td>$ 327.75</td>
</tr>
<tr>
<td>#MO-280</td>
<td>Automatic Machine Anchoring System</td>
<td>$ 5,687.57</td>
</tr>
</tbody>
</table>

25gal Water Tank (Side)
Water Tank (Back)
Rotary Tube Cleaning Brush
140lb SPT Drop Hammer Rotary Head/Cathead Attachment
Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel
Automatic Machine Anchoring System
#15-SCT / Model GSRPST

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 two 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
8ft Kelly Bar & Slip Tool Holder

Machine Anchoring System
Reclining Tail Gate Mount
Gauge & Control Panel

Weight 2,600 lbs.

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

EQUIPMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>ROBOTIC HEAD</th>
<th>0 - 160 RPM (ADJUSTABLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800 FT LBS TORQUE (9,600 IN LBS)</td>
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</table>

<table>
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<tr>
<th>MASTER CYLINDER</th>
<th>8,700 LBS DOWN FORCE</th>
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<tr>
<td></td>
<td>@ .65 FT PER SECOND</td>
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<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

4” DIA TO 60 FT / 6” DIA TO 50 FT / 8” DIA TO 40 FT / 10” DIA TO 30 FT

AVAILABLE OPTIONS

- 66” / 78” STROKE MAST
- 31hp DIESEL ENGINE / HYDRAULIC OIL COOLER
- 25gal / 75gal / 150gal WATER TANK
- SIDE FEED WATER SWIVEL / WATER PUMP
- 140lb SPT SAFETY TYPE DROP HAMMER
- HYDRAULIC ROTARY TUBE CLEANING BRUSH
- 5ft WIDE TRAILER FRAME / 8ft / 10ft LONG TRAILER FRAME
- TANDEM AXLE / DOUBLE DECK / TRIPLE DECK
- MACHINE DECK / UNDER DECK AUGER DECK
- REAR HYDRAULIC STABILIZER JR
- AUTOMATIC MACHINE ANCHORING SYSTEM
#15-SCT / Model GSRPST

$21,984.00

MACHINES OPTIONS

#MO-000 31 HP Diesel Engine ........................................ $2,473.83
#MO-100 66" Stroke Mast ........................................... $215.71
#MO-102 78" Stroke Mast ........................................... $431.32
#MO-104 Hydraulic Rotary Tube Cleaning Brush .................. $633.05
#MO-108 Rear Hydraulic Stabilizer Jacks ......................... $992.04
#MO-109 Front Hydraulic Stabilizer Jacks ....................... $998.88
#MO-110 Hydraulic Oil Cooler ..................................... $406.07
#MO-112 Rotary Head/Cathead Attachment ....................... $1,667.27
#MO-114 140lb SPT Drop Hammer, (ASTM Spec) ............... $701.34
#MO-115 Drop Hammer Carrier ................................... $175.02
#MO-116 Adapter Pin Tool/Hammer ................................. $36.78
#MO-118 Vise Grip Chain Wrench ................................. $360.53
#MO-120 Hand Tool Kit ............................................. $360.53
#MO-124 Deck Mount Auger Rack ................................ $223.85
#MO-127 Under Frame Auger / Tool Storage Rack ......... $480.08
#MO-129 5 ft Wide Trailer Frame ............................... $134.67
#MO-130 Double Deck Trailer ..................................... $818.87
#MO-131 Triple Deck Trailer ..................................... $966.57
#MO-132 Tandem Axle Trailer .................................... $1,249.19
#MO-133 8 ft Long Trailer Frame ............................... $277.04
#MO-134 10 ft Long Trailer Frame ............................... $554.08
#MO-135 12 ft Long Trailer Frame ............................... $831.12
#MO-136 Tool Storage Enclosure (18” x 24” x 60”) ......... $644.29
#MO-138 Tool Storage Enclosure (18” x 48” x 60”) ......... $688.72
#MO-150 Side Feed Water Swivel / AW ......................... $589.82
#MO-151 Side Feed Water Swivel / AWJ ....................... $609.40
#MO-152 Low Pressure Water Pump System .................. $959.93
#MO-153 High Pressure Water Washing System ........... $1,280.36
#MO-154 25gal Water Tank ....................................... $503.40
#MO-156 75gal Water Tank ....................................... $991.54
#MO-158 150gal Water Tank .................................... $1,983.08

(Water Tanks Are Steel w/ Epoxy Interior Coating)
#MO-157 35ft Low Pressure Retractable Hose Reel .......... $374.48
#MO-159 35ft High Pressure Retractable Hose Reel ....... $450.97
#MO-188 2spd Rotary Head – HSLT / LSHT ............. $2,479.04
#MO-190 Automatic Machine Anchoring System .............. $5,170.52

8ft long Trailer Frame / 75gal Water Tank
Double Deck Trailer Frame
(18” Tall x 60” Wide x 72” Deep Storage Shelf)
#25-SCT / Model HDGSRPST

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 Cyl 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
15gal Fuel Tank
4 Way Leveling System

Machine Anchoring System
Reclining Tail Gate Mount
Gauge & Control Panel
8ft HD Kelly Bar & Slip Tool

Weight      3,000 lbs.

THIS MODEL 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 - 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

4” DIA TO 70 FT / 6” DIA TO 60 FT / 8” DIA TO 50 FT / 10” DIA TO 35 FT

AVAILABLE OPTIONS

66” / 78” STROKE MAST
35HP WATER COOLED TURBO DIESEL ENGINE
25gal / 75gal / 150gal WATER TANK
SIDE FEED WATER SWIVEL / WATER PUMP SYSTEM
MACHINE DECK / UNDER DECK AUGER RACK
HYDRAULIC ROTARY TUBE CLEANING BRUSH
ROTARY HEAD/CATHEAD ATTACHMENT
140lb SPT SAFETY TYPE DROP HAMMER (ASTM SPEC)
18” x 24” x 60” or 18” x 48” x 60” TOOL STORAGE ENCLOSURE
#25-SCT / Model HDGSRPST

$ 31,897.00

**MACHINE OPTIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO-002</td>
<td>35hp Water Cooled Turbo Diesel Engine</td>
<td>$ 2,473.83</td>
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<tr>
<td>MO-100</td>
<td>66” Stroke Mast</td>
<td>$ 215.71</td>
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<tr>
<td>MO-102</td>
<td>78” Stroke Mast</td>
<td>$ 431.32</td>
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<tr>
<td>MO-104</td>
<td>Hydraulic Rotary Tube Cleaning Brush</td>
<td>$ 633.05</td>
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<tr>
<td>MO-108</td>
<td>Rear Hydraulic Stabilizer Jacks</td>
<td>$ 992.04</td>
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<tr>
<td>MO-109</td>
<td>Front Hydraulic Stabilizer Jacks</td>
<td>$ 998.88</td>
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<tr>
<td>MO-114</td>
<td>140lb SPT Drop Hammer, (ASTM Spec)</td>
<td>$ 701.34</td>
</tr>
<tr>
<td>MO-115</td>
<td>Drop Hammer Carrier</td>
<td>$ 175.02</td>
</tr>
<tr>
<td>MO-116</td>
<td>Adapter Pin Tool/Hammer</td>
<td>$ 36.78</td>
</tr>
<tr>
<td>MO-118</td>
<td>Vise Grip Chain Wrench</td>
<td>$ 35.28</td>
</tr>
<tr>
<td>MO-120</td>
<td>Hand Tool Kit</td>
<td>$ 360.53</td>
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<tr>
<td>MO-124</td>
<td>Deck Mount Auger Rack</td>
<td>$ 223.85</td>
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<tr>
<td>MO-127</td>
<td>Under Frame Auger /Tool Storage Rack</td>
<td>$ 480.08</td>
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<tr>
<td>MO-130</td>
<td>Double Deck Trailer</td>
<td>$ 818.87</td>
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<tr>
<td>MO-131</td>
<td>Triple Deck Trailer</td>
<td>$ 966.57</td>
</tr>
<tr>
<td>MO-132</td>
<td>Tandem Axle Trailer</td>
<td>$ 1,249.19</td>
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<tr>
<td>MO-133</td>
<td>8 ft Long Trailer Frame</td>
<td>$ 277.04</td>
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<td>MO-134</td>
<td>10 ft Long Trailer Frame</td>
<td>$ 554.08</td>
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<tr>
<td>MO-136</td>
<td>Tool Storage Enclosure (18”x 24”x 60”)</td>
<td>$ 644.29</td>
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<tr>
<td>MO-138</td>
<td>Tool Storage Enclosure (18”x 48”x 60”)</td>
<td>$ 688.72</td>
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<tr>
<td>MO-150</td>
<td>Side Feed Water Swivel / AW</td>
<td>$ 589.82</td>
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<tr>
<td>MO-151</td>
<td>Side Feed Water Swivel / AWJ</td>
<td>$ 609.40</td>
</tr>
<tr>
<td>MO-152</td>
<td>Low Pressure Water Pump System</td>
<td>$ 959.93</td>
</tr>
<tr>
<td>MO-153</td>
<td>High Pressure Water Washing System</td>
<td>$ 1,280.36</td>
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<tr>
<td>MO-154</td>
<td>25gal Water Tank</td>
<td>$ 503.40</td>
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<td>MO-156</td>
<td>75gal Water Tank</td>
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</tr>
<tr>
<td>MO-158</td>
<td>150gal Water Tank</td>
<td>$ 1,983.08</td>
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</table>

(Water Tanks Are Steel w/ Epoxy Interior Coating)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>MO-157</td>
<td>35ft Low Pressure Retractable Hose Reel</td>
<td>$ 374.48</td>
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<tr>
<td>MO-159</td>
<td>35ft High Pressure Retractable Hose Reel</td>
<td>$ 450.97</td>
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<tr>
<td>MO-160</td>
<td>Hydraulic Tool Pulling Winch</td>
<td>$ 3,943.20</td>
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<td>MO-186</td>
<td>Master Cylinder Speed Control</td>
<td>$ 327.75</td>
</tr>
<tr>
<td>MO-188</td>
<td>2spd Rotary Head – HSLT / LSHT</td>
<td>$ 2,479.04</td>
</tr>
<tr>
<td>MO-190</td>
<td>Automatic Machine Anchoring System</td>
<td>$ 5,170.52</td>
</tr>
</tbody>
</table>
Hydraulic Soil Sampling, Coring and Drilling Machine

All fixtures are secured on a 5’ x 8’ (152 x 244 cm) Steel base plate mounted on a rugged custom built four wheel, tandem axle, rubber torsion suspension trailer equipped with hydraulic brakes, 225 x 15 radial trailer tires, one spare wheel & tire, 2” ball hitch, screw jack, stop & tail lights. This model is completely self contained with a 50 HP Kubota Water Cooled Diesel Engine with a 12 volt starter and alternator.

Standard Features Include:
- XHD 2-Speed Rotary Head
- 4ft XHD Kelly Bar & Slip Tool
- 35gal Oil Reservoir
- Hydraulic Oil Cooler
- Hyd Powered Swinging Mast

60” Stroke Mast
Machine Anchoring System
Tandem Axle Trailer
Enclosed Drill Tool Carrier
Hydraulic Power Mast In & Out

Rear Hydraulic Stabilizer Jacks
Reclining Tail Gate Mount
Gauge & Control Panel
Heavy Duty Pipe Vise
20gal Fuel Tank

Weight 5,000 lbs

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

EQUIPMENT SPECIFICATIONS

ROTARY HEAD (2 SPEED)

LOW SPEED / HIGH TORQUE SETTING
0 - 75 RPM (ADJUSTABLE)
2,200 FT LBS TORQUE (26,400 IN LBS)

HIGH SPEED / LOW TORQUE SETTING
0-150 RPM (ADJUSTABLE)
1,100 FT LBS TORQUE (13,200 IN LBS)

MASTER CYLINDER
16,000 LBS DOWN FORCE
@ .88 FT PER SECOND
12,000 LBS PULL FORCE
@ 1.38 FT PER SECOND

APPROXIMATE CAPABILITIES UNDER NORMAL CONDITIONS
4” DIA TO 175 FT/ 6” DIA TO 160 FT/ 8” DIA TO 145 FT /10” DIA TO 120 FT
MAX CAPACITY 18” DIA AUGER

AVAILABLE OPTIONS

72” or 84” STROKE MAST
DECK MOUNT / UNDER DECK MOUNT AUGER RACK
HYDRAULIC ROTARY TUBE CLEANING BRUSH
ROTARY HEAD/CATHEAD ATTACHMENT
140lb. MANUAL SAFETY TYPE SPT DROP HAMMER (ASTM SPEC)
140lb or 160lb AUTOMATIC SPT DROP HAMMER (ASTM SPEC)
DOUBLE or TRIPLE DECK FRAME / EXTENDED LENGTH FRAME
18” x 24” x 60” or 18” x 48” x 60” FRONT TOOL STORAGE ENCLOSURE
25gal / 75gal / 150gal WATER TANK
HIGH & LOW PRESSURE WATER SYSTEMS
HYDRAULIC TOOL PULLING WINCH
AUTOMATIC MACHINE ANCHORING SYSTEM
#35-SCT / Model XHDGSRPST

$48,919.00

MACHINES OPTIONS

#MO-004 62hp Water Cooled Turbo Diesel Engine $ 2,989.66
#MO-001 72" Stroke Mast ........................................ $ 282.59
#MO-103 84" Stroke Mast ........................................ $ 565.18
#MO-104 Hydraulic Rotary Tube Cleaning Brush $ 633.05
#MO-108 Rear Hydraulic Stabilizer Jacks ....................... $ 992.04
#MO-109 Front Hydraulic Stabilizer Jacks ..................... $ 998.88
#MO-113 Rotary Head/Cathead Attachment .................... $1,790.36
#MO-114 140lb SPT Drop Hammer, (ASTM Spec) $ 701.34
#MO-115 Drop Hammer Carrier .................................. $175.02
#MO-116 Adapter Pin Tool/Hammer ............................. $ 36.78
#MO-118 Vise Grip Chain Wrench ............................... $ 35.28
#MO-120 Hand Tool Kit ........................................... $ 360.53
#MO-124 Deck Mount Auger Rack ............................... $ 223.85
#MO-127 Under Frame Auger / Tool Storage Rack ........... $ 480.08
#MO-130 Double Deck Trailer .................................. $ 818.87

(1 - 18” Tall x 60” Wide x 72” Deep Storage Shelf)
#MO-131 Triple Deck Trailer .................................... $ 966.57

(2 – 8” Tall x 60” Wide x 72” Deep Storage Shelves)
#MO-134 10ft Long Trailer Frame ............................... $ 554.08
#MO-135 12ft Long Trailer Frame ............................... $ 831.12
#MO-138 Tool Storage Enclosure (18”x 48”x 60”) ... $ 688.72
#MO-150 Side Feed Water Swivel / AW ....................... $ 589.82
#MO-151 Side Feed Water Swivel / AWJ ...................... $ 609.40
#MO-152 Low Pressure Water Pump System ................ $ 959.93
#MO-153 High Pressure Water Washing System .......... $ 1,280.36
#MO-154 25gal Water Tank ....................................... $ 503.40
#MO-156 75gal Water Tank ....................................... $ 991.54
#MO-158 150gal Water Tank .................................... $1,983.08
#MO-157 35ft Low Pressure Retractable Hose Reel $ 374.48
#MO-159 35ft High Pressure Retractable Hose Reel $ 450.97
#MO-160 Hydraulic Tool Pulling Winch ....................... $ 3,943.20
#MO-170 140lb Automatic SPT Drop Hammer ............... $5,352.78
#MO-171 170lb Automatic SPT Drop Hammer ............... $ 5,442.26
#MO-180 35 Rotary Head to 1-1/4” Kelly Bar Adap $ 576.07
#MO-190 Automatic Machine Anchoring System ........... $ 5,170.52

(Shown With)
Rear Hydraulic Stabilizer Jacks
Triple Deck Trailer
Rotary Head/Cathead Attachment
Hydraulic Tool Pulling Winch
Hydraulic Rotary Tube Cleaning Brush

25gal Water Tank (Side)
Deck Mount Auger Rack
25gal Water Tank (Side)
Deck Mount Auger Rack
140lb SPT Automatic Drop Hammer
140lb SPT Automatic Drop Hammer
Hydraulic Tool Pulling Winch
Hydraulic Tool Pulling Winch
Hydraulic Stabilizer Jacks

Low Pressure Water Pump System w/ 35ft Low Pressure Retractable Hose Reel
High Pressure Water Washing System w/ 35ft High Pressure Retractable Hose Reel