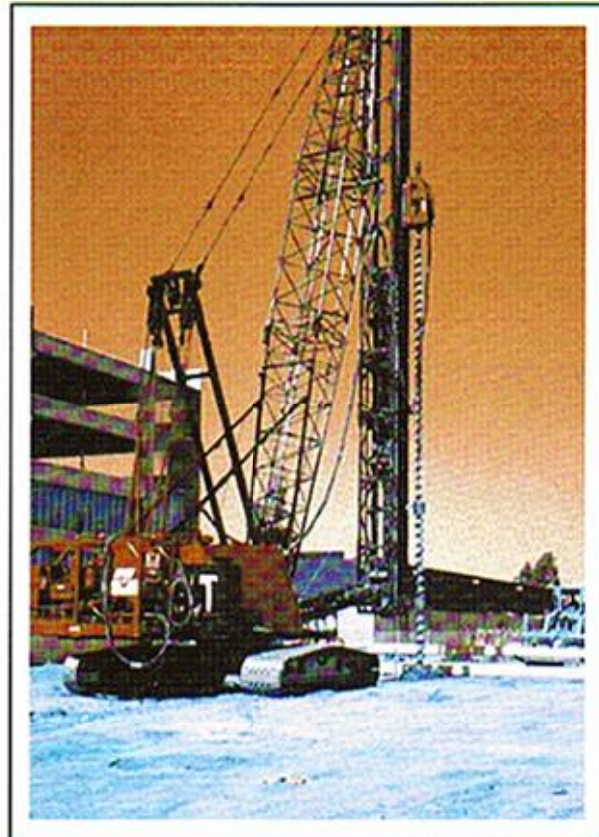


PSI

Auger Systems

**Design
Sales • Rentals
Manufacturing
Parts and Service**



HPSI can meet all you

Model H-17VT Vari-Torque

DRILL HEAD DIMENSIONS

Width	20'
Length	31'
Height	72'
Weight	2,500#

OUTPUT

Torque is Infinitely Variable from 6,900 to 16,500 Ft.-lbs., while Speed is Variable from 50 to 120 RPM. Guide Angles Installed to Fit 8" x 21" Leads and Clip Angles Installed on the rear of the Auger Drive to Fit HP 14 x 102 Beam.

HOSE BUNDLE

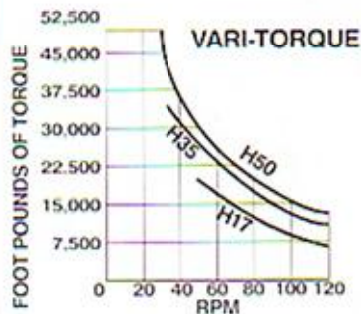
O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 1 1/2" I.D. X 6 Wire Construction
Drain Hoses . . . 3/4" I.D. X 1 Wire Construction
Pilot Hoses . . . 2 Each 3/8" X 1 Wire Construction

POWER PACK

CAT Diesel Engine Rated at 210 HP, Piston Pump, 115 Gal. Reservoir, Engine Mounted Oil Cooler, and 20 Micron Filtration. Hydraulic Remote Controls are Standard. Maximum Operating Pressure is 4,700 PSI at 65 GPM.

DIMENSIONS

Width	42'
Length	96'
Height	82'
Weight	5,000#



Model H-35VT Vari-Torque

DRILL HEAD DIMENSIONS

Width	26'
Length	34'
Height	72'
Weight	3,500#

OUTPUT

Torque is Infinitely Variable from 10,000 to 33,000 Ft.-lbs., while Speed is Variable from 30 to 100 RPM. Guide Angles Installed to Fit 8" x 27" Leads.

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 1 1/2" I.D. X 6 Wire Construction
Drain Hoses . . . 3/4" I.D. X 1 Wire Construction
Pilot Hoses . . . 2 Each 3/8" X 1 Wire Construction

POWER PACK

CAT Diesel Engine Rated at 300 HP, Piston Pump, 150 Gal. Reservoir, Engine Mounted Oil Cooler, and 20 Micron Filtration. Hydraulic Remote Controls are Standard. Maximum Operating Pressure is 4,700 PSI at 86 GPM.

DIMENSIONS

Width	48'
Length	132'
Height	82'
Weight	5,000#

Model H-50VT Vari-Torque

DRILL HEAD DIMENSIONS

Width	32'
Length	41'
Height	78'
Weight	5,500#

OUTPUT

Torque is Infinitely Variable from 15,000 to 50,000 Ft.-lbs., while Speed is Variable from 30 to 100 RPM. Guide Angles Installed to Fit 8" x 33" Leads.

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 1 1/2" I.D. X 6 Wire Construction
Drain Hoses . . . 3/4" I.D. X 1 Wire Construction
Pilot Hoses . . . 2 Each 3/8" X 1 Wire Construction

POWER PACK

CAT Diesel Engine Rated at 335 HP, Piston Pump, 150 Gal. Reservoir, Engine Mounted Oil Cooler, and 20 Micron Filtration. Hydraulic Remote Controls are Standard. Maximum Operating Pressure is 4,500 PSI at 105 GPM.

DIMENSIONS

Width	60'
Length	144'
Height	80'
Weight	8,000#

Model H-6

DRILL HEAD DIMENSIONS

Width	20'
Length	20'
Height	30'
Weight	1,000#

OUTPUT

5,550 Ft.-lbs. Torque
0-50 RPM
Guide Angles Installed to Fit 8" x 21" Leads
Clip Angles to Fit 12 BP74 H-beam
2 1/4" HEX Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 1" I.D. X 4 Wire Construction
Drain Hoses . . . 1/2" I.D. X 1 Wire Construction

POWER PACK

60 HP Diesel Engine with Electric Start and Automatic Shutdowns. Manual Control at the Power Pack for Engine Throttle and Operating Valve. Pump rated at 45 GPM, Maximum Operating Pressure 2,500 PSI, 100 Gal. reservoir, 10 Micron Return Line Filter, Radiator Mounted Oil Cooler, 40 Gal. fuel capacity.

DIMENSIONS

Width	36'
Length	72'
Height	67'
Weight	2,500#

Model H-30

DRILL HEAD DIMENSIONS

Width	26'
Length	31'
Height	72'
Weight	3,000#

OUTPUT

30,000 Ft.-lbs. Torque
0-40 RPM
Guide Angles Installed to Fit 8" x 27" Leads
3" API or 3" HEX Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 250 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Pump rated 165 GPM, Max. operating pressure 2,300 PSI, 210 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 80 Gal. fuel capacity.

DIMENSIONS

Width	48'
Length	121'
Height	82'
Weight	7,800#



H-17VT



H-35VT



H-50VT

drilling requirements

Model H-10

DRILL HEAD DIMENSIONS

Width	20'
Length	31'
Height	72'
Weight	2,500#

OUTPUT

10,000 Ft.-lbs. Torque
0-90 RPM
Guide Angles Installed to Fit 8" x 21" Leads
Clip Angles to Fit HP 14 x 102 Beam, 3" API or 3" HEX Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 1 1/2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 210 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Pump rated 125 GPM, Max. operating pressure 2,300 PSI, 150 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 55 Gal. fuel capacity.

DIMENSIONS

Width	42'
Length	96'
Height	82'
Weight	5,500#

Model H-40

DRILL HEAD DIMENSIONS

Width	32'
Length	41'
Height	72'
Weight	5,000#

OUTPUT

40,000 Ft.-lbs. Torque
0-37 RPM
Guide Angles Installed to Fit 8" x 33" Leads
Flanged Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 360 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Dual Pumps rated 230 GPM, Max. operating pressure 2,350 PSI, 300 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 100 Gal. fuel capacity.

DIMENSIONS

Width	54'
Length	121'
Height	82'
Weight	8,200#

Model H-15

DRILL HEAD DIMENSIONS

Width	20'
Length	31'
Height	72'
Weight	2,500#

OUTPUT

15,000 Ft.-lbs. Torque
0-60 RPM
Guide Angles Installed to Fit 8" x 21" Leads
Clip Angles Installed to Fit HP 14 x 102 Beam, 3" API or 3" HEX Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 1 1/2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 210 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Pump rated 125 GPM, Max. operating pressure 2,300 PSI, 150 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 55 Gal. fuel capacity.

DIMENSIONS

Width	42'
Length	96'
Height	82'
Weight	5,500#

Model H-50

DRILL HEAD DIMENSIONS

Width	32'
Length	41'
Height	72'
Weight	5,000#

OUTPUT

50,000 Ft.-lbs. Torque
0-30 RPM
Guide Angles Installed to Fit 8" x 33" Leads
Flanged Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 360 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Dual Pumps rated 230 GPM, Max. operating pressure 2,350 PSI, 300 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 100 Gal. fuel capacity.

DIMENSIONS

Width	54'
Length	121'
Height	82'
Weight	8,200#

Model H-20

DRILL HEAD DIMENSIONS

Width	20'
Length	31'
Height	72'
Weight	3,000#

OUTPUT

20,000 Ft.-lbs. Torque
0-60 RPM
Guide Angles Installed to Fit 8" x 27" Leads
3" API or 3" HEX Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 250 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Pump rated 165 GPM, Max. operating pressure 2,300 PSI, 210 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 80 Gal. fuel capacity.

DIMENSIONS

Width	45'
Length	121'
Height	82'
Weight	7,800#

Model H-75

DRILL HEAD DIMENSIONS

Width	32'
Length	41'
Height	72'
Weight	5,000#

OUTPUT

75,000 Ft.-lbs. Torque
0-20 RPM
Guide Angles Installed to Fit 8" x 33" Leads
Flanged Drive Fitting

HOSE BUNDLE

O.A.L. 100'-0" in 2-50' Runs
Drive Hoses . . . 2 Ea. 2" I.D. X 4 Wire Construction
Drain Hoses . . . 1" I.D. X 1 Wire Construction

POWER PACK

CAT 360 HP Diesel Engine with Electric Start and Automatic Shutdowns. Remote Air Controls on Engine Throttle & Operating Valve. Dual Pumps rated 105 GPM, Max. operating pressure 4,500 PSI, 150 Gal. reservoir, 20 Micron Return Line Filter, Radiator Mounted Oil Cooler, 125 Gal. fuel capacity.

DIMENSIONS

Width	60'
Length	144'
Height	72'
Weight	11,400#



H-6



H-10/15



H-20/30

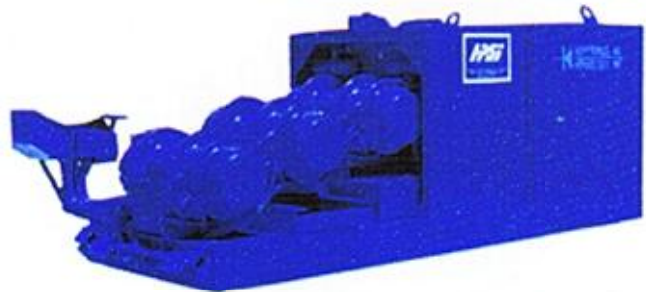
Quality. Dependability. HPSI.

HPSI Engineers have years of experience in developing Hydraulic Equipment for construction, marine, mining and industrial applications. We know today's industry requires equipment it can rely on. System simplicity, durable components, and minimized down time are the design criteria on which we have built a reputation. Whether your requirement is for equipment manufactured to your specifications, or for full system responsibility, HPSI has the expertise and flexibility to satisfy your demands.

HYDRAULIC BARGE MOVER



HYDRAULIC WINCH PACKAGE



300 HP ELECTRIC POWER PACK



JET PUMP



TWO DRUM WITH SWINGER
WATER TOWER ERECTION HOIST

... for all your hydraulic power systems

- Diesel, gasoline and electrically-driven hydraulic power units
- Hydraulic drilling equipment
- Barge movers
- Pile driving lead systems
- Add-on crane drums
- Winch systems
- Pullmaster hydraulic winches
- Lantec hydraulic winches
- Jet pumps
- Control systems
- Hydraulic system design
- Special applications
- Custom manufacturing



HYDRAULIC POWER SYSTEMS, INC.

1203 OZARK, NORTH KANSAS CITY, MISSOURI 64116

PHONE (816) 221-4774

FAX (816) 221-4591