

2009 Scraper, Laser Rental Rates

Scraper Size/Type	Day Rate	Week Rate	Month Rate
18 YD TS Direct Mount*	N/A	\$ 2,000.00	\$ 3,900.00
15.5 YD TS Direct Mount*	N/A	\$ 1,875.00	\$ 3,500.00
16/17.5 YD Ejection	\$ 350.00	\$ 1,750.00	\$ 3,800.00
13 YD Ejection	\$ 305.00	\$ 1,525.00	\$ 3,300.00
12 YD Ejection	\$ 285.00	\$ 1,425.00	\$ 2,980.00
11 YD Ejection	\$ 275.00	\$ 1,375.00	\$ 2,700.00
9 YD Ejection	\$ 220.00	\$ 1,100.00	\$ 2,150.00
8.5 YD Ejection	\$ 200.00	\$ 1,000.00	\$ 2,025.00
8 YD Ejection	\$ 185.00	\$ 925.00	\$ 1,950.00
6 YD Ejection	\$ 175.00	\$ 875.00	\$ 1,750.00
8 YD Dump	\$ 85.00	\$ 465.00	\$ 1,050.00
6 YD Dump	\$ 65.00	\$ 360.00	\$ 810.00

* Direct Mount Rental does not include the specific tractor hitch. Customer needs to purchase a hitch for their specific tractor. Delivery and Pickup of a Direct Mount Hitch has to done by Rust Sales Truck at \$4.00 per pulled mile unless Renter has the truck and trailer to load the unit. **If renter chooses to pull the rental scraper, it is the responsibility of the renter to provide a hitch that uses a clevis type design, capable of pulling the scraper. The Renter must use their own safety chain for transportation of the scraper.**

Laser System*	Day Rate	Week Rate	Month Rate
AGL XXR, Topcon RT5-SW	\$ 110.00	\$ 600.00	\$ 1,450.00
Eagl 3 or LA LB4	\$ 100.00	\$ 550.00	\$ 1,300.00
Survey Laser	\$ 45.00	\$ 160.00	\$ 320.00

*The above systems include the following equipment: Laser Transmitter, 7-Channel Receiver, In-Cab Light Display, 52" Stroke Hydraulic Receiver Mast, Hand Held Receiver, Grade Pole, Transmitter Trailer and Users Manual. The Survey includes 1000' radius zero grade transmitter, hand held receiver, grade rod, and tripod. **Customer will need to purchase a weld on mast mount. (\$45.00) For Automatic Control add \$20.00 per Day, \$110.00 per week, \$250.00 per month to the above laser rental rates.**

Rental Terms and Conditons

Due to the seasonal demand of scraper and laser systems, rental is subject to the availability of the equipment. All rental equipment is subject to the terms specified in the rental contract as supplied by Rust Sales, Inc. The renter must specify the amount of rental time at the time of rental. Payment is due when the equipment is received by the renter. Rust Sales, Inc must approve additional rental days. If the renter is unable to use the equipment, it is their responsibility to return the equipment immediately, at which time they will be eligible to receive a refund for the unused rental days. Renters will not be subject to rental fees for approved travel time to and from Rust Sales, Inc. Any conditions which prevent the use of the equipment must be reported to Rust Sales, Inc. immediately and approved by Rust Sales, Inc. in order to receive an extension of rental time; otherwise charges will be applied for the additional days. It is the responsibility of the renter to return equipment in the same condition and appearance as it was when received.

Scrapers that have excessive mud and dirt must be cleaned and washed off by the renter. Scrapers not cleaned and washed will be subject to a clean-up fee to be charged at Rust Sales, Inc. shop labor charge. Scrapers must be greased daily. Rust Sales, Inc. must approve any repairs. Delivery and pickup of equipment is available at an additional charge.

GPS Drainage Systems

	Day Rate	Week Rate	Month Rate
AGPS Pipe FM System Includes: GPS RTK Rover and Base, IEI or X20Control Computer with AGPS Pipe FM Software, Automatic Control Module For JD or CIH/ NH Tractors, or External HYD Valve	\$140.00/ Day with 4 day Min. + \$68.00 Per Hour Initial Training and \$2.00 per mile	\$880.00 Plus \$68.00 Per Hour Initial Training and \$2.00 Per Mile one way	\$2400.00. + \$68.00 Per Hour Initial Training and \$2.00 per mile
AGPS Pipe Pro System Includes: GPS RTK Rover and Base, IEI or X20 Control Computer with AGPS Pipe-Pro Software, Automatic Control Module For JD or CIH/ NH Tractors, or External HYD Valve.	Not Applicable	\$1,200.00 Plus \$68.00 Per Hour Initial Training and \$2.00 Per Mile one way	\$3,850.00 Training included but limited to four hours
AGPS DITCH PRO System Includes GPS RTK Rover and Base, IEI or X20 Computer, automatic control module for JD, CIH/NH, Challenger MT Tractors or external hydraulic valve.	\$140.00/ Day with 4 day Min. + \$68.00 Per Hour Initial Training and \$2.00 per mile	\$880.00 / Week. + \$68.00 Per Hour Initial Training and \$2.00 per mile	\$2400.00. + \$68.00 Per Hour Initial Training and \$2.00 per mile

Premium Rental Equipment - Includes a FOX 120 and GPS/GLONASS RTK System ADD \$150.00 to Weekly and \$350.00 Monthly Rates

Pipe-FM or Pipe-Pro and Ditch-Pro Component Installation: This is the responsibility of the renter. If the renter wishes to have a Rust Sales technician install the components, the renter will be invoiced at 68.00 per hour rate plus travel time. Components include, control computer with power cord, communication cables, automatic hydraulic control console with power and communication cables, GPS receiver with power cords, GPS antenna, GPS Mast, GPS antenna cable, and communication cable. The Installation of components can take up to four hours

Rental Rate of RTK Drainage Systems less GPS Components

Customers that already own a RTK GPS System and wish to rent an AGPS Drainage System with out the above included RTK GPS components use the following rates. These rates do include the necessary component cables to connect to the customer owned GPS system and deliver GPS data to the control computer. It is the customer's responsibility to be able to configure their GPS system to deliver the needed NEMA strings to the control computer.	Week Rate Deduct	Monthly Rate Deduct
	\$250.00	\$800.00

AGPS Software is designed to work with many brands of RTK GPS Receivers. AGPS Software is only as accurate as the RTK GPS Receiver. AGPS has error alerts when data accuracy requirements are violated. These error alerts can occur for low satellites, atmospheric conditions, solar flares, two way radios, poor correction data, GPS Hardware issues, etc. Required Receiver Update Rates are the following, 5Hz for Automatic, and 10Hz is only needed with automatic machine control operating at excessive speeds (over 5 mph = 440 feet/minute)

FAQ's

How many hydraulic outlets do Ashland and Torex Scraper with GPS or Lasers require? Three. The scraper needs two and the laser hydraulic mast needs one. One additional outlet is required for an Automatic Laser System (Four total for automatic with laser, three for automatic with GPS control as no hydraulic mast is used.)

Are Laser systems hard to understand and use? We don't think so. You need to determine the proper grade to dial into the laser, which is obtained by a simple survey of the ditch. Our Stabilaser Trailer has a great Grade Calculator Decal to assist you in determining the grade. The hydraulic mast have a 60 or 72 inch stroke with foot and tenths grade markings. This allows you to survey the ditch from the comfort of your tractor. After you have set the ditch depth and grade, you simply drive the length of the ditch to its opposite end. If everything is set-up properly the scraper will show an ON GRADE GREEN LIGHT with the blade set on the ground at the final survey point

If I first rent the equipment, will the rent apply to the purchase? Yes and No, we need to know ahead of time that you are interested in a rent/ purchase agreement. Some units are not for sale. This way we get you equipment that is for sale and you will know exactly what the cost of purchase is before the rent even starts.

How much more efficient are the AGPS Drainage Systems over a conventional laser system? Expect a minimum of two times increase in efficiency, customers tell us they think it is more like three times faster. AGPS drainage systems will increase your drainage work alot!

What conditions affect my Laser efficiency when working on my farm drainage? For lasers, the biggest problem is wind. High wind causes the transmitter to shake, which causes beam bouncing. Other conditions include hot weather which causes Scintillation or heat waves bouncing the beam. Rain, Snow, Haze can also affect the accuracy and distance with a laser.

What conditions affect my GPS efficiency when working on my farm drainage? We see that certain periods of the year on certain times of the day have low satellites. Usually this is a temporary condition and corrects after 10 - 20 minutes. There needs to be at least five satellites used in the vertical solution to achieve good accuracy. Other conditons known to affect GPS accuracy are related to space weather, high solar flare activity, bad base correction, hardware failures, or untrained users. Typically, RTK GPS is still better than lasers for minimizing drainage down time. We also like to see that the RTK Base is located within two miles of the RTK GPS Rover. This assures better quality data.

2009

Scrapers, Lasers, Ditch-Pro, Pipe-FM, Pipe-Pro

Rental Rates



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