PEREGRINE
DIAMONDS LTD.

201-1250 HOMER STREET, VANCOUVER, BRITISH COLUMBIA, CANADA V6B 1C6
TELEPHONE: (604) 408-8880 FAX: (604) 408-8881
www.peregrinediamonds.com

APPENDIX 7b

EMERGENCY RESPONSE PLAN – CHIDLIAK PROJECT, QILAQ PROJECT AND PROJECT ON IOLs, AND CUMBERLAND PROJECT

A spill is classified as the discharge of petroleum products or other dangerous substances into the environment. Potential hazards created by the spill for humans, vegetation, water resources, fish and wildlife vary in severity, depending on several factors, including nature of the material, quantity spilled, location and season. Refer to the detailed *Spill Contingency Plan – Chidliak Project and Adjoining Qilaq Property,) and Cumberland Prospecting Permits* for specific response information. The general emergency response to be followed in the event of a spill in the project areas, South Baffin Island, NU, is:

Protect people - prevent personnel from approaching the site and keep them at a distance sufficiently removed that they will not be injured by, or cause, a fire or explosion

Identify the product and its source - check container design, warning labels, markings, Material Safety Data Sheets, etc., to enable prompt and appropriate response.

Stop the flow at the source - reduce or terminate the flow of product without endangering anyone

Assess the seriousness of the spill - assess potential dangers of the spill to human health and safety, the aquatic environment, wildlife, ground water, vegetation and other land resources

R*eport the spill* – complete a NU Spill Report Form and contact the NU 24-hour Spill Report Line. Provide information on the form and to the Environment Canada officer by phone/FAX/e-mail, including location of spill, (company) name of polluter, type and amount of material spilled, date and time of the spill, any perceived threat to human health or the environment, and remedial actions taken and planned.

Clean up the spill - follow procedures appropriate for the location, environment, material and time of year.

Evaluate and learn – after the emergency has passed, evaluate the incident and the clean up with the goal of continuous improvement in prevention and response; train or re-train personnel and ensure a practice incident-and-response drill is held at least once per field season.

24-Hour Spill Report Line: (867) 920-8130 or fax (867) 873-6924

Environment Canada Enforcement: 24-Hour Emergency Line: (867) 920-8130
Indian and Northern Affairs (INAC) Manager, Field Operations
(Iqaluit): (867) 975-4295 (ph), -6445 (FAX)
(manager ensures proper interface with land and water inspectors)

APPENDIX 8

Additional Equipment
Proposed for Use in 2012 Bulk-Sampling Programme
Chidliak Project, NU

PEREGRINE
DIAMONDS LTD.

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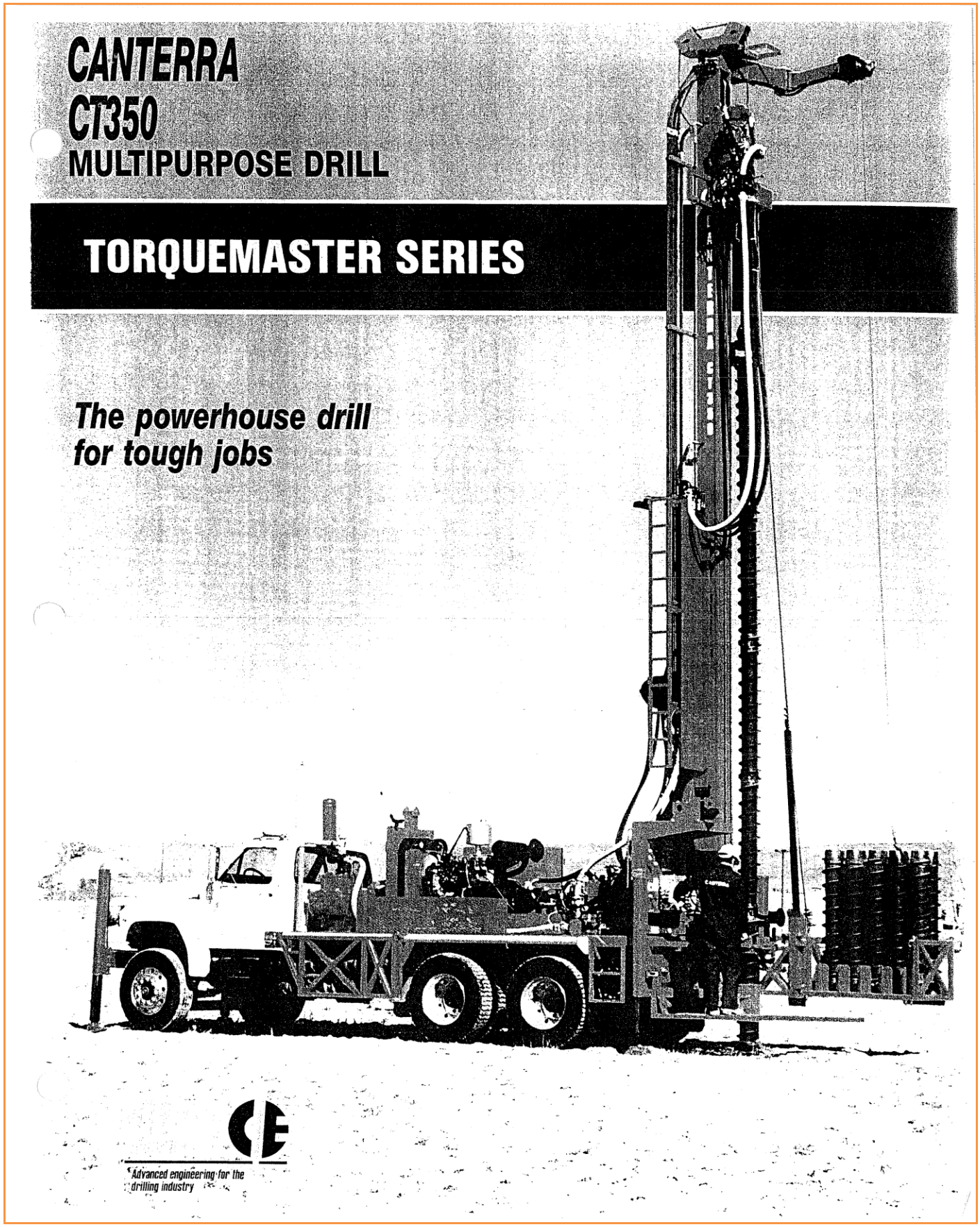


Canterra CT350 Rotary Reverse-Circulation Rig is being provided to Chidliak bulk-sampling programme by Cooper Drilling (a northern-experienced LDD contractor)

Cooper Drilling LLC.

August 2011

Below, is a list of the projected equipment package Cooper Drilling will supply:

1) Equipment Specifications:

Rig:

Year	Remanufactured 2011
Make and Model	Cooper 14 Remanufactured CT 350. Original Manufacturer by Foremost
Carrier	Rubber-track mounted as well as skid mounted
Weight	12,700 KG (28,000 lbs)
Engine	Perkins @ 250 Horsepower
Mast	Certified Construction of 50,000 lbs with 24' stroke
Top Drive	Variable speed 0 to 120 RPM Torque at 9,000 ft/lbs
Break Out	Hydraulic make out breakup tongs.
Pipe Handling	Pipe handler automated for a hands-free pipe handling procedure.
Pullback	Rated at 20,411 KG. (45,000 lbs)
Water Injection	200 liters per minute maximum.
Other	4 Levelling jacks
SCU (Solids Control Unit)	Listed are the key components: • 14 cubic meter fluid tank. • Mi SWACO model BE650 shaker, with water jetting capability. • Waterproof electrical system. • 3 X 4 Mission Magnum pump for desilters and fluid mixing. • Bank of 12.7cm (5") desilters to remove plus 20 micron particles. • Rubber lined at sample impact.
Electrical Power	140 Kilowatt generator capable of 480, 230 and 115 power with a distribution panel with various connections available.

Tooling:

Drill Pipe, Collars and Adapters	50 pieces 7 inch OD-by 5.91 ID drill pipe in 6.1 meter lengths. 18,000 lbs of drill collars.
Downhole Hammer and Bits	30cm (12") Helco hammer to clean out the casing during advancement. Bits as needed to drill the kimberlite.
Winterising	The rig is completely enclosed and protected from the elements. The enclosure has combination of electrical, steam, and diesel heaters.
Environmental	The rig has a built-in containment pan underlying all major components. All auxiliary equipment will have containment systems.

2) Auxiliary Equipment:

Air Compressors	3 Ingersoll Rand VHP400WIR 400 CFM - 250 psi
Steam Boiler	60 horsepower

CT350 MONITORING DRILL
SPECIFICATIONS

[illegible] Mounting	- Ford F700 4x4 all wheel drive, 5 speed manual transmission, 2 speed transfer case.
([illegible] terrain carrier optional)	Tires 10:00 x 20 grip type.
Weight	- typically less than 28,000 lb with rods, augers, tools and accessories
Width	- maximum deck width 8 1/2 feet
Height	- 11 feet 9 inches (mast down)
Power Take Off	- 2 speed transfer case has pressure oil lubricated PTO driving the hydraulic pumps
Rotary	- 2 inch hollow spindle head with 3 speed direct drive hydraulic motor
	- low range 10,000 ft-lb torque/0-50 rpm
	- medium range 6,600 ft-lb torque/0-75 rpm
	- high range 3,300 ft-lb torque/0-150 rpm
Swivel	- top mounted 2 inch King swivel (2 1/2 inch optional)
Mast	- feed cylinder mounted inside rectangular tube mast actuates hoist chain through 2 to 1 pulley system
	- stroke 24 feet, 50000 pounds load rating
	- mast crown has guides to allow "stacking' of rods by winches
Pulldown	- 20,000 pounds capability
Pullback	- 24,000 pounds
Drawworks Winch	- pulls directly over hole with tophead swung aside. Hydraulic failsafe brake.
	- 8,000 pounds pull @ 240 fpm. Equipped with 80 feet of 9/16 NR wire rope
Casing Handling	- tophead swings aside to use drawworks
	- handles up to 24 foot lengths of 14 inch casing
Pipe Rack	- holds up to 200 feet of 3 1/2 inch x 15 foot rods. Pipe slide built in
Jacks	- two 36 inch stroke jacks mounted on front of truck
	- two 36 inch stroke jacks mounted on rear of drill frame
Powered Swing Out	- top drive unlatches and swings open hydraulically to sample or handle casing
Night Lights	- 12 V lighting illuminates panel, breakout table, mast and deck
Tool Box	- locking with flush mounted locks. 39" wide x 18" deep x 46" high
Miscellaneous Storage	- place for safety hammer, auger bolts and pins, split spoon sampler, and drilling tools
Breakout Wrench	- 48 inch pipe wrench powered by hydraulic cylinder

[illegible]ons

M[illegible] Pan	- mud pan swings up behind drill for travel. Center section dumps cuttings using winch. Mud riser, trough, mud mixer, frost cutter, desander and all hoses included.
Rod Spinner	- hydraulically driven wheels spin tool joints together or apart. Turns the rod above breakout table
Cathead	- hydraulically powered variable speed. Rated up to 4,000 pound pull
Vertical Auger Racks	- one rack on each side of truck stores augers vertically in front of rear tire. They swing out behind operator for access from operator's platform while drilling
	- each rack holds 20 lengths of 6 1/4 ID hollow stem or 28 lengths of 4 1/4 ID hollow stem auger
Mud Pump	- Gardner Denver 4 1/2 x 5 duplex piston hydraulically driven by separate hydraulic pump
	- rated up to 120 USGPM/200 psi
Water Tank	- 100 US gallon
All Terrain Vehicle Mounting	- 4 wheel drive carrier with large tractor tires for operating off road.
Tandem Truck Mounting	- Can be mounted on 4x6 or 6x6 tandem truck. Recommended with 550 cfm/220 psi drilling air.
Air Compressors	- Piston or screw air compressors for well development or for drilling are available mounted on drill or as an auxiliary package. Standard PTO driven drilling air is 550 cfm/220 psi.
Jib Winch	- Used for hoisting augers from swing out racks, picking up heavy tools from right hand side of drill or with optional rod loader
Rod Loader	- Jib winch is used to put rods into this single rod loader while drilling is proceeding
Mud Pumps	- Hydraulically driven 5x6 GD piston pump or 2x3 or 3x4 Magnum centrifugal pumps available
Grout Pump	- Hydraulically driven progressive cavity types of various sizes available.
	- Air driven diaphragm pumps available for mud drilling or grouting.
Angle Drilling	- Provisions for drilling with mast at angles up to 45º are available
Water Injection System	- Hydraulically driven variable speed piston pump rated at 10 gpm @ 500 psi for air drilling
Sandline Winch	- 3250 lb pull at 300 fpm on bare drum. Hydraulic failsafe brake
	- Equipped with 250 feet of 3/8 NR wire rope
Sp[illegible]dler/Automatic Impact Hammer	- for driving split spoons, casing or screens. Used in conjunction with sandline winch
[illegible]ry winches	- Hydraulically powered winches available are rated 4000 lb,65000 lb, 8500 lb and 12,000 lb.

CANTERRA EQUIPMENT INC.
3610 - 29th Street N.E., Calgary, Alberta, Canada, T1Y 5Z7
TELEPHONE (403) 291-0650 FAX (403) 250-8411 TELEX 03-821214
TOLL FREE from the USA 1-800-661-9190

WHY IS CANTERRA TAKING THE ROTARY DRILLING

OUR SPECIFICATIONS SHOW WHY. . .

With the strongest hydraulic top drive in the industry, the CT350 is designed to handle the deep, big diameter, tough jobs. If this **Powerhouse** can't auger the formation it probably can't be augered. On the CT350, you can change over to rotary drilling with mud, air or downhole hammer to handle a wide variety of formations and drilling applications. The long stroke mast makes it easy to use a simultaneous casing system or add a casing hammer to drill tough overburden that can't be augered.

APPLICATIONS

- Monitoring, recovery or water wells
- Auger capacity up to 18 inch diameter
- Handles casing up to 18 inch diameter in lengths up to 35 feet
- Rotary* — up to 24 inch hole diameter, 8" holes to 1000 feet, 6" downhole hammer to 1000 feet
- Hollow stem augers* — 4¼ ID to 300 feet, 6¼ ID to 200 feet, 8¾ ID to 160 feet, and 10¼ ID to 120 feet and 12¼ ID to 90 feet
- Coring* — NW to 1,500 feet

* Depth capacity may be more or less than these guidelines depending on the formation and circulation. Please discuss your requirements with an experienced Canterra representative.

STANDARD FEATURES

- 165 HP diesel engine
- Optional 250 HP diesel engine
- Water well rotary, 5000 ft-lb torque/0–115 RPM
- Upgraded rotary option with 3¾" hollow spindle and top mounted swivel
  Variable displacement motor with built in automatic torque control.
  Torque options of 12,500, 15,500 or 20,000 ft-lb.
  Speed continuously variable from 0–140 RPM without shifting.
  Gimbal universal to sample through the spindle.
- Coring shifter option for upgraded rotary, 0–550 RPM
- 28,000 pounds pullback, 0–100 fpm
- 22,500 pounds pulldown, 0–130 fpm
- 24 foot long stroke, cylinder and cable feed
- Triple stage engine air filtration
- Load sensing main hydraulic pump
- Single lever proportional control for rotary speed and direction
- Single lever proportional control for feed rate and direction
- All functions are hydraulic operated, variable speed
- High capacity hydraulic oil cooler controlled by thermostat
- Top drive slides off hole hydraulically to trip rods, set casing or sample
- 12,000 pound hydraulic winch with failsafe brake
- Breakout table/rod guide and hydraulic breakout wrench

OPTIONAL FEATURES

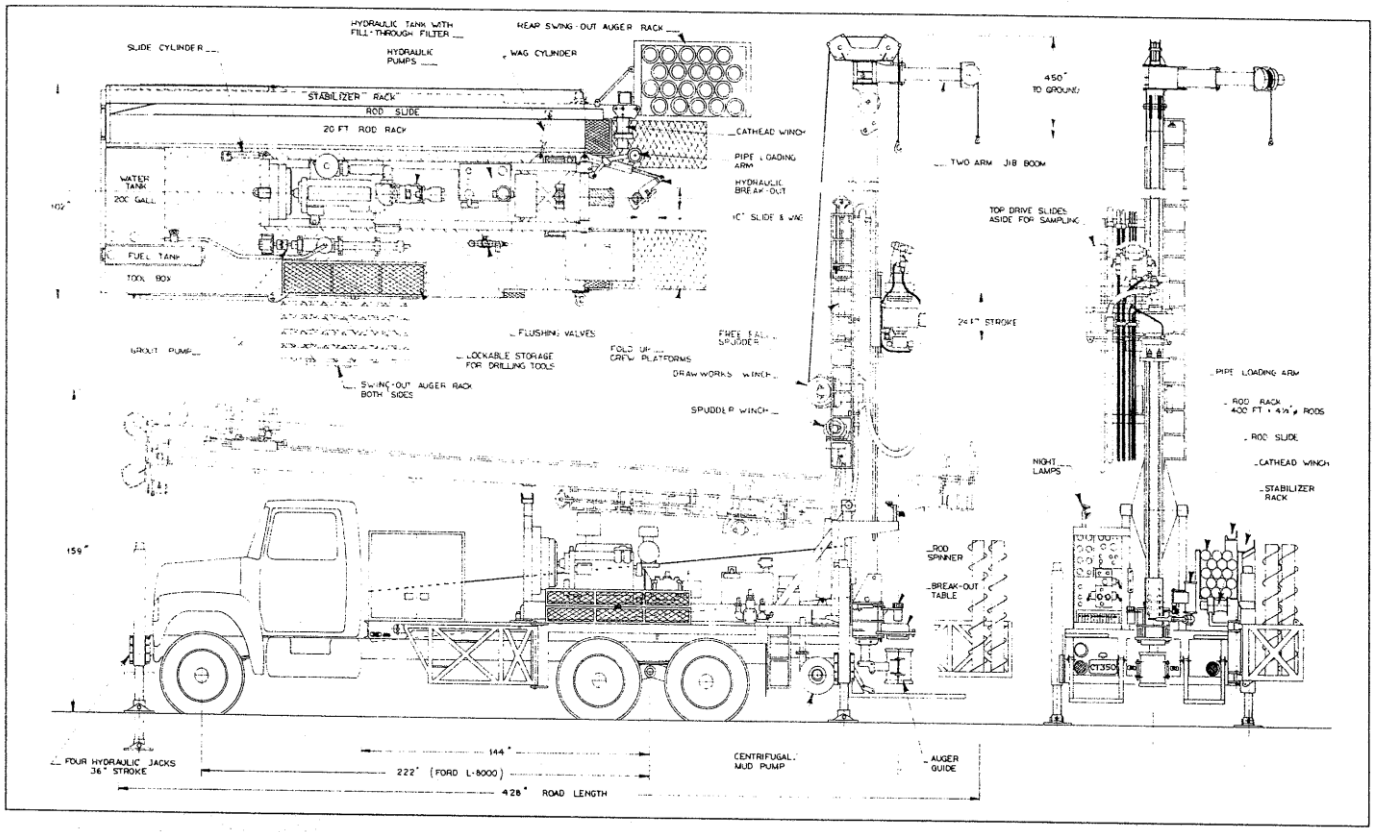
- ☐ 2,000 pound sandline winch with 250 foot capacity
- ☐ Auto sample spudder with 30 inch freefall for wireline sampling
- ☐ Two inch circulation plumbing with mud gauge and control valves
- ☐ 10 gpm/500 psi water/foam injection pump
- ☐ 3 x 4 Centrifugal mud pump, 300 gpm/140 psi
- ☐ 5 x 6 Piston mud pump, 180 gpm/310 psi
- ☐ 5½ x 8 Piston mud pump, 260 gpm/340 psi
- ☐ Mud pan with desander and mud mixer
- ☐ Grout pumps — Progressive cavity type
- ☐ Developing air compressors to 250 cfm
- ☐ Jib Winch for handling augers, rod, tools
- ☐ Single rod loader for adding rods to top drive
- ☐ Rod spinner for fast rod tripping
- ☐ Powered breakout table
- ☐ 2,000 pound cathead — hydraulic powered
- ☐ Wagtail, slide base
- ☐ Auger guides
- ☐ Night lights
- ☐ 120 VAC inverter to power electric impact wrench for auger bolts
- ☐ Lubricator for downhole hammers
- ☐ Dust curtain for air drilling
- ☐ Auxiliary air compressors

TRUCK MOUNTING OPTIONS (may also be mounted on ATV)

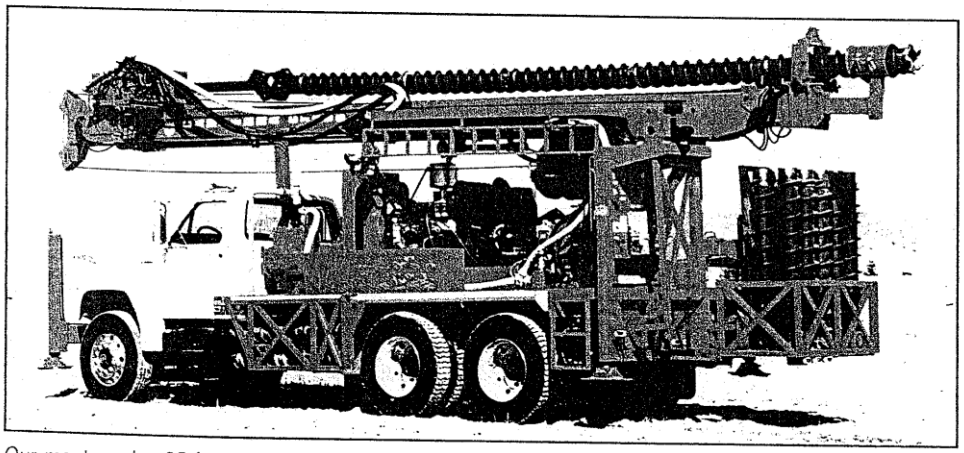
- ☐ **16** foot non-skid surfaced, steel deck for mounting on **120** or **126** CA tandems
- ☐ **20** foot non-skid surfaced, steel deck for mounting on **144** or **156** CA tandems
- ☐ Driller's and helper's platforms
- ☐ Four fully enclosed jacks with 36" stroke
- ☐ Large swivelling jack pads
- ☐ **15** foot or **20** foot rod rack with rod slide
- ☐ Rack for inhole hammer or stabilizer
- ☐ Locking tool boxes
- ☐ Locking mesh box for drilling tools
- ☐ **200–500** gallon water tank with storage rack on top
- ☐ Side mounted swing out auger racks
- ☐ Rear mounted auger rack

Canterra reserves the right to change specifications and configurations without notice.

INDUSTRY BY STORM?



CT350 Typical Layout — Layouts may vary depending on truck, mud pumps and other options selected. A short deck is available on a 120 CA truck.



Our mast carries 25 feet augers.

SECURE STORAGE

Secure storage for the augers, rods and drilling tools is designed into the CT350 deck plan so the crew can go out with confidence that they have everything they need.

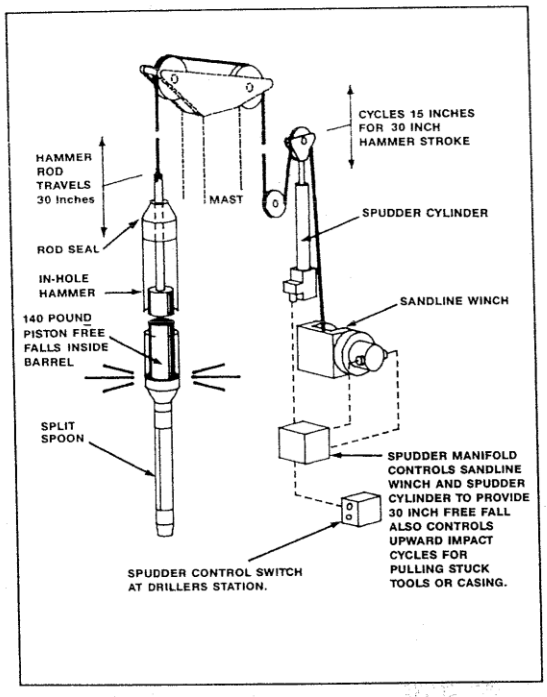
Dry storage is provided with a large locking tool box. Heavy drilling tools are stored in a locking mesh box so they can be washed off.

MOBILITY AND ROAD SAFETY

Canterra drills are built from high strength steel tubing for superior strength and durability while meeting the tough new road weight restrictions. Dodging scales is time consuming and fines are getting expensive. Enjoy good road speed, better off-road mobility and peace of mind with a Canterra CT350.

THE BENEFITS OF REAL PERFORMANCE!

Performance you can take to the bank! Features unavailable on competitive monitoring drills put Canterra's rigs in a class by themselves.



Canterra drills sample without rods

TOP DRIVE SLIDES OFF HOLE

The top drive shifts aside hydraulically to use the winches for sampling, setting casing or handling rods. There is no need to slide the rig off-hole so the top drive can be used by itself or in conjunction with the winch to pull augers or push casing.

With the top drive shifted off hole there are no cylinders or hoses across the mast that can interfere with winch lines, rods or casing and get damaged.

AUGER POWER!

AUTO SAMPLE SYSTEM — NO SAMPLING RODS

Split spoon SAMPLING WITHOUT RODS! A quantum leap in productivity can be achieved by using Canterra's Auto Sample Spudder, sealed in-hole hammer and wireline auger pilot bit.

MULTIPURPOSE

It's not just an auger rig — the CT350 can drill with augers, mud, air, coring, reverse circulation or casing hammer to handle the wide range of jobs encountered in monitoring. The CT350 has the BIG DRILL performance to handle large diameter recovery wells by auger or rotary drilling. Auxiliary air packages up to 750 cfm are available for air rotary or downhole hammer drilling.

LONG FEED STROKE HAS MANY ADVANTAGES

- Rapid feed and long stroke makes "spudding" with augers very effective. Raising the rotary lifts soil from the hole which reduces friction and lets the CT350 auger faster and deeper.
- Efficient rotary drilling with 15 or 20 foot drill rods. Only four 5 foot rods required to match sampling intervals.
- Faster to retract augers. The rotary can pull 20 feet of augers at a time with rotation reversed if necessary to get out of a difficult formation. The augers can then be removed in 5 foot sections (lowering the rotary after each section is removed) which reduces the number of connections to the rotary when tripping out.
- Easier to handle center rod. When drilling with center rods and augers, the long stroke lets the auger and rod be added separately.
- Less reconnect problems. If the drill rods will not drop to the bottom after the hole is disturbed by sampling, the rotary can be raised and swung back over the hole to reconnect and resume drilling.

VARIABLE SPEED TOP DRIVE

The CT350 rotary speed is continuously variable up to 140 rpm, so the driller can rotate at optimum speed without stopping to shift gears. The high rotary speed gets auger cuttings quickly out of the hole for faster drilling.

The rotary is instantly reversible and has full torque in reverse to back out of a difficult situation before getting stuck.

HIGH TORQUE DELIVERY

The CT350 top drive motor has high torque efficiency, especially at stall so it can outperform drills with similar torque ratings.

With up to 20,000 ft-lb of torque, the CT350 can handle hollow stem augers up to 18 inch diameter.

Challenger 875C tracked vehicle will be deployed to haul fuel in sleigh-mounted enviro tanks, drummed fuel, water tanks in a sleigh, the RC drill from hole to hole, and assisting the Sno-Cat in heavy-drift snow-clearing.

Challenger's unique Mobil-trac system has no grease zerks or daily maintenance points. Simple adjustments to alignment or tension pressure can be made easily and quickly when necessary.

The World Leader
In Track Technology

For more than 100 years, Caterpillar® has been the hands-down, undisputed leader in track technology. It was in 1904 that Benjamin Holt, one of Caterpillar's founding fathers, first demonstrated his concept for a machine that moved on self-laying tracks. Eighty-three years later, Cat introduced the world's first rubber-tracked farm tractor, designed to stretch the limits of productivity and performance. Today, at 118.1 inches (3,000 mm), the MT800C Series Mobil-trac™ system wheelbase is first again, as the longest in its power class. Thanks to the long wheelbase and six-axle design, tractor weight is distributed over a greater area for lower ground pressure and more tractive efficiency in typical soils.

The Challenger Difference

The Mobil-trac's longer wheel base remains in constant contact with the ground for better traction, more pulling ability, greater efficiency and a smoother ride, which means you get more work done in a day.

The Softest Ride In the Industry

Whether you're on the road or in the field, the most appreciated features of the MT800C Series Mobil-trac system are the exceptional traction and comfort.

Fatigue and distraction are only a couple of the effects of long days and rough fields. The Challenger Mobil-trac system helps combat both. Thanks to our exclusive Opti-Ride™ suspension, which molds the track to every ridge, bump and rut the tractor encounters, the operator experiences a softer ride.

A Wide Choice Of Belt Options

Belts are available in four widths and two types, while idler, midwheels and driver are available in two different widths to improve belt life and belt-to-driver performance.

General Ag Belt

Available in three widths — 27.5 in (698.5 mm), 30-in. (762-mm) and 36-in. (914-mm) — the general ag belt is equipped with 4.5-in. (115-mm) guide blocks and 2.7-in. (68.5-mm) tall treadbars for dependable traction in a variety of agricultural conditions.

Extreme Application Belt

This tough belt is a good choice for applications that involve a large amount of road travel, steep side slopes or abrasive underfoot conditions. The Extreme Application belt is equipped with longer, 5.3-in. (135-mm) guide blocks, taller, 3-in. (76-mm) treadbars, an additional layer of steel cables and an extra layer of rubber, the belts are available in 18-in. (457-mm), 30-in. (762 mm) or 36-in. (914-mm) widths.

	18"	27.5"	30"	36"
General Ag Belt		X	X	X
Extreme Application Belt	X		X	X

Balance The Load With Ballast

Proper ballasting is essential for peak performance, whether you're running on tracks or tires. Challenger offers everything you need to balance the load for maximum traction and fuel efficiency. Track tractor options include a full rack of suitcase weights on the front, wheel weights for the idler wheels and a bank of undercarriage weights.

Hitch Options
to Match Every Need

When you hitch up to an MT800C or MT900C Series tractor, you can rest assured that the balance and load-carrying requirements of the drawbar and three-point hitch options were carefully examined and integrated into the unit from the very beginning of the design process.

Standard Drawbar Hitch

Thicker and wider than the average hitch, the standard drawbar on the MT800C Series can swing 32 degrees from the tractor centerline when unpinned. Rubber bumpers and wear plates are standard to cushion shock loads and ensure long life. The drawbar on the MT900C Series extends nearly to the center of the wheelbase for more efficient transfer of usable drawbar horsepower.

Steerable Three-Point Hitch (MT800C Series)

Exclusive to Challenger track tractors, the steerable three-point hitch offers numerous customer benefits. In float mode, it can help dampen the side-to-side movement, while in manual mode, it can be locked into one fixed position. Benefits include improved steering when turning under load and improved performance when following field contours with three-point mounted implements.

Conventional Three-Point Hitch (MT900C Series)

The MT900C Series offers the option of a Category 3/4N or Category 4 three-point hitch with a lift capacity of 19,500 pounds (8,845 kg) to handle even the largest mounted implements. With draft and slip sensors, the three-point hitch automatically adjusts to changing field conditions to keep you running even in the toughest situations.

Controlled-Swinging Drawbar (MT800C Series)

The optional controlled drawbar puts the operator – rather than gravity – in control of hitch position. Use the manual mode to find the ideal position on sidehills, or trim the draft of offset implements. A "float" position allows the operator to select the appropriate percentage of damping force for the draft load.

Optional PTO

A 1,000-rpm PTO is optional on all MT800C and MT900C Series tractors. In addition to a 20-spline, 1-3/4" shaft, it features electronic control through a wet multi-disc clutch and hydraulic actuation, for smooth modulation and system protection.

The Topcon System 150
Offers Serious Navigation

The Topcon System 150, an industry leader in performance, is a complete automatic steering system, featuring flexible accuracy options.

Satellite-Assisted Guidance – The Strongest Partnership in the Industry

AGCO and Topcon Positioning Systems have teamed up to usher in a new era of precision agriculture. This partnership was formed with a commitment to provide the most sophisticated and accurate satellite-guided positioning systems in the category.

Multiple Viewing Options

Virtual road and high-visibility LED lightbar provide state-of-the-art guidance.

Visual Indicators

Easily identify area applied, speed, row number and satellites.

Automatic Coverage Mapping

Features easy-to-read maps for tracking areas covered or missed, and boundary mapping for planning application and coverage.

Convenient USB Port

Quick and simple for transferring field data and reports.

A Complete Steering Solution

The AGI-3 Positioning System is a complete steering solution that can be upgraded to Omnistar or RTK performance with 900 mHz, Digital UHF or GSM options. The AGI-3 is also compatible with Topcon base stations, GSM and CORS networks.

Topcon's unique Paradigm G3 Triple Constellation Technology is capable of receiving GPS, Glonass and Galileo (when available) and features state-of-the-art inertial sensors and steering control with superior line acquisition and holding capabilities.

Direct Interface Steering

- Automated calibration of steering system
- Designed for a wide range of "guidance-ready" equipment

RTK Centimeter Snap-In Module

Easily upgrade from sub-meter/decimeter to centimeter accuracy by installing a Snap-In Module. The module also allows the use of Internet-based correction signals, such as CORS networks.

The Challenger Difference

Every System 150 from AGCO comes standard with sub-meter and decimeter accuracy. Simply call OmniSTAR to subscribe to one of their correction signals (VBS, XP or HP) and start driving. Or, you can use WAAS for a no-cost sub-meter system.

MT800C Specifications

	MT835C	MT845C	MT855C	MT865C	MT875C
ENGINE	Cat® C15 ACERT™ Tier II	Cat® C15 ACERT™ Tier II	Cat® C15 ACERT™ Tier II	Cat® C18 ACERT™ Tier II	Cat® C18 ACERT™ Tier II
Rated Engine Power - hp (kW)	410 (306)	440 (328)	475 (354)	525 (391)	585 (436)
PTO Power @ rated 2100 rpm - hp (kW)	335 (249)	360 (268)	385 (287)	425 (316)	425 (316)
Engine Power Growth @ 1800 rpm	8%	8%	8%	8%	8%
Peak Engine Power - hp (kW)	442 (329)	475 (354)	513 (382)	567 (422)	631 (470)
Engine Torque Rise @ rpm	42%@1400	42%@1400	42%@1400	42%@1400	42%@1400
# Cylinders / # Valves	6 / 24	6 / 24	6 / 24	6 / 24	6 / 24
Displacement - cubic in. (L)	928 (15.2 L)	928 (15.2 L)	928 (15.2 L)	1,105 (18.1 L)	1,105 (18.1 L)
Aspiration	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled
FUEL SYSTEM	MEUI - ACEM™ 4 Full Electronic Control	MEUI - ACEM™ 4 Full Electronic Control	MEUI - ACEM™ 4 Full Electronic Control	MEUI - ACEM™ 4 Full Electronic Control	MEUI - ACEM™ 4 Full Electronic Control
Fuel Tank Capacity - US gal. (L)	305 (1,155)	305 (1,155)	305 (1,155)	330 (1,249)	330 (1,249)
TRANSMISSION	Cat® Powershift 16F / 4R	Cat® Powershift 16F / 4R	Cat® Powershift 16F / 4R	Cat® Powershift 16F / 4R	Cat® Powershift 16F / 4R
Maximum Speed - mph (kph)	24.6 (39.6)	24.6 (39.6)	24.6 (39.6)	24.6 (39.6)	24.6 (39.6)
Steering	Cat® Differential Steering	Cat® Differential Steering	Cat® Differential Steering	Cat® Differential Steering	Cat® Differential Steering
GAUGE OPTIONS	Infinitely adjustable bar axle with smooth hardbar	Infinitely adjustable bar axle with smooth hardbar	Infinitely adjustable bar axle with smooth hardbar	Infinitely adjustable bar axle with smooth hardbar	Infinitely adjustable bar axle with smooth hardbar
Standard - in. (mm)	90 - 128 (2,286 - 3,251)	90 - 128 (2,286 - 3,251)	90 - 128 (2,286 - 3,251)	90 - 128 (2,286 - 3,251)	90 - 128 (2,286 - 3,251)
BELT OPTIONS					
General Ag Belts - in. (mm)	27.5, 30, 36 (698.5, 762, 914)	27.5, 30, 36 (698.5, 762, 914)	27.5, 30, 36 (698.5, 762, 914)	27.5, 30, 36 (698.5, 762, 914)	27.5, 30, 36 (698.5, 762, 914)
Extreme Application Belts - in. (mm)	18, 30, 36 (457, 762, 914)	18, 30, 36 (457, 762, 914)	18, 30, 36 (457, 762, 914)	18, 30, 36 (457, 762, 914)	18, 30, 36 (457, 762, 914)
MOBIL-TRAC UNDERCARRIAGE					
Hardbar Suspension	Two Marsh Mellow® Springs	Two Marsh Mellow® Springs	Two Marsh Mellow® Springs	Two Marsh Mellow® Springs	Two Marsh Mellow® Springs
Undercarriage Suspension	Oscillating Bogie System w/ Suspended Midwheels	Oscillating Bogie System w/ Suspended Midwheels	Oscillating Bogie System w/ Suspended Midwheels	Oscillating Bogie System w/ Suspended Midwheels	Oscillating Bogie System w/ Suspended Midwheels
Hardbar Oscillation	Stabilizer Bar with 8° Range of Motion	Stabilizer Bar with 8° Range of Motion	Stabilizer Bar with 8° Range of Motion	Stabilizer Bar with 8° Range of Motion	Stabilizer Bar with 8° Range of Motion
INDEPENDENT PTO (Optional)	1000 RPM, 20 Spline, 1.75" (45 mm) Electronically Controlled	1000 RPM, 20 Spline, 1.75" (45 mm) Electronically Controlled	1000 RPM, 20 Spline, 1.75" (45 mm) Electronically Controlled	1000 RPM, 20 Spline, 1.75" (45 mm) Electronically Controlled	1000 RPM, 20 Spline, 1.75" (45 mm) Electronically Controlled
ELECTRICAL SYSTEM					
Alternator	185 amp	185 amp	185 amp	185 amp	185 amp
Batteries	(4) 1,000 cca 12 V	(4) 1,000 cca 12 V	(4) 1,000 cca 12 V	(4) 1,000 cca 12 V	(4) 1,000 cca 12 V
HYDRAULIC SYSTEM					
Type of System	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)
Std. Pump Flow - gpm (lpm)	43.5 (164.7)	43.5 (164.7)	43.5 (164.7)	43.5 (164.7)	43.5 (164.7)
Opt. Pump Flow - gpm (lpm)	59 (224.2)	59 (224.2)	59 (224.2)	59 (224.2)	59 (224.2)
Hydraulic Remotes	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional
Max Flow at 1 Remote - gpm (lpm)	36 (136.3)	36 (136.3)	36 (136.3)	36 (136.3)	36 (136.3)
Maximum System Pressure - psi (bar)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)
DRAWBAR					
Std. Wide Swing Drawbar	Roller Type +/- 32° Swing	Roller Type +/- 32° Swing	Roller Type +/- 32° Swing	Roller Type +/- 32° Swing	Roller Type +/- 32° Swing
Opt. Wide Swing Controlled Drawbar	Hydraulic Position Control / Dampening	Hydraulic Position Control / Dampening	Hydraulic Position Control / Dampening	Hydraulic Position Control / Dampening	Hydraulic Position Control / Dampening
Drawbar Load Rating - lbs. (kg)	10,000 (4,536)	10,000 (4,536)	10,000 (4,536)	10,000 (4,536)	10,000 (4,536)
Category	Cat 4 (Std.)	Cat 4 (Std.)	Cat 4 (Std.)	Cat 4 (Std.)	Cat 4 (Std.)
3-POINT HITCH (OPTIONAL)					
Lift Capacity - lbs. (kg)	19,500 (8,845)	19,500 (8,845)	19,500 (8,845)	19,500 (8,845)	N/A
Category	Category 3/4N	Category 3/4N	Category 3/4N	Category 3/4N	N/A
DIMENSIONS					
Wheelbase - in. (mm)	118 (2,997)	118 (2,997)	118 (2,997)	118 (2,997)	118 (2,997)
Overall Width Wide Gauge - in. (mm)	141.8 (3,601)	141.8 (3,601)	141.8 (3,601)	141.8 (3,601)	141.8 (3,601)
Overall Length - in. (mm)	266 (6755)	266 (6755)	266 (6755)	266 (6755)	266 (6755)
Overall Height to Top of Cab - in. (mm)	136 (3460)	136 (3460)	136 (3460)	136 (3460)	136 (3460)
Drawbar Clearance - in. (mm)	14.4 (366)	14.4 (366)	14.4 (366)	14.4 (366)	14.4 (366)
Approx. Shipping Weight - lbs. (kg)	41,000 (18,597)	41,000 (18,597)	41,000 (18,597)	42,200 (19,142)	42,200 (19,142)
Maximum Operating Weight - lbs. (kg)	50,000 (22,680)	50,000 (22,680)	50,000 (22,680)	50,000 (22,680)	50,000 (22,680)

dozer blade
7900 **300-600 HP**

HIGH LIFT SERIES.

Unit 1862 Challenger is equipped with the following quick attach blade:

Make: Degelman

Model: 7900

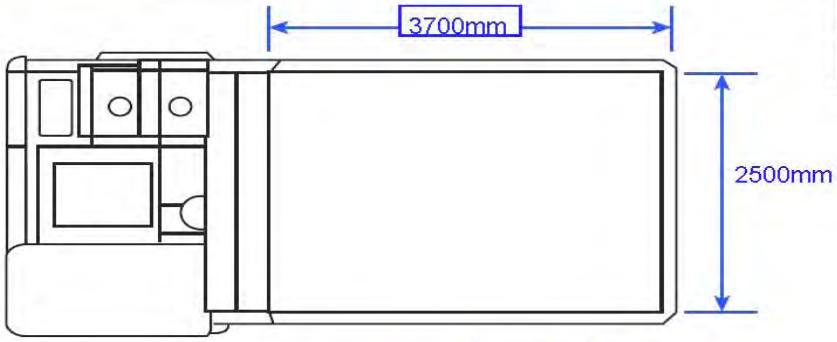
Dimensions: 4.3m (14ft.) wide x 1.4m (4.5ft.) high.

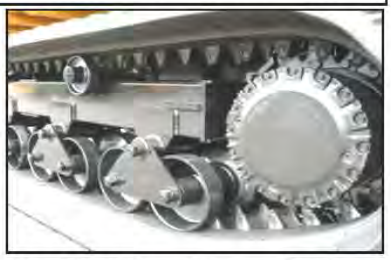
Approximate weight off the Challenger is: 3 629kg (8000 lbs)

Blade above is similar to the blade to be purchased for the Chidliak machine,

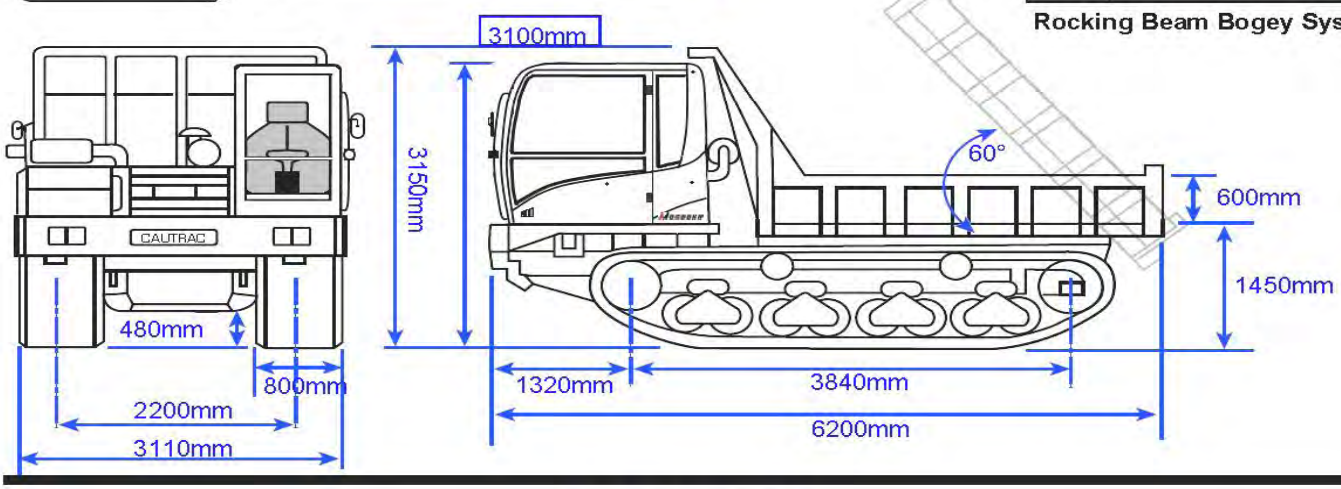
MOROOKA MST3000VD

ENGINE
Make: CAT
Model: C 9
Displacement: 8.800 litre, 6 cylinder,
Power 330 PS / 242KW @ 2200 rpm
Fuel Tank capacity: 340 Litres
Machine weight: 17500Kg
Payload: 15000Kg
PERFORMANCE
Travel speed: - Low 0 ~ 8 kph
Travel speed: - High 0 ~ 12 kph
Gradeability: (empty) 30 degrees
Ground Pressure empty: 0.25Kg/cm²
Ground Pressure loaded: 0.46kg/cm²
Track Size: 800mm x 150mm x 66mm





Rocking Beam Bogey System



CAUTRAC

Colchester ☎ 01206 273111 www.cautrac.com Bolton ☎ 01204 791122

Morooka MST3000VD tracked vehicle will be deployed to haul cuttings (with a picker crane) and will be a backup for the Challenger in moving the RC drill, and fuel and water sleighs.

Unit 1864

Serial # 30146

MST 3000VD
Morooka Rubber Track Carriers

The Morooka MST 3000VD is Morooka's largest machine offered in the US. Powered by a Caterpillar® C-9 engine, they provide unparalleled performance.

Morooka Dimensions	3000 VD
Length	20' 2"
Width	10' 4"
Height	10' 4"
Wheel Base	12' 8 '
Min. Ground Clearance	20"
Gauge	7' 4"
Track Width	31.625"
Length of Dump Bed	12'
Width of Dump Bed	8' 2"
Weight (lbs.)	38,600 lbs.
Fuel Cap. (gal.)	75 gal.
Engine Mfg.	Caterpillar® / C9
Horse Power	325
Transmission	HST

MST 3000VD

Morooka Dimensions	3000 VD
Maximum Load	33,100 lbs.
Travel Speed (Low - High)	5 - 7.5 mph
Ground Pressure (empty)	2.6 psi
Ground Pressure (loaded)	4.8 psi

*** Carrier length of 6m (20.02ft above) may change for the Chidliak unit with the addition of a custom deck.**

MST Series

MST 300VD & 300VDR >>more | MST 600VD & 600VDL >>more | MST 800 & 800VDL >>more | MST 1500VD >>more | MST 2200VD >>more | MST 3000VD >>more

EASY WORKING ON FIELDS AND IN THE FOREST WITHOUT SOIL COMPACTION
MOROOKA dump carriers are well-made products that can handle all job requirements due to their hydrostatic hydraulic system and specially developed rubber tracks.
The MST dump carriers series ranges from 2.5 to 15 tons loading capacity. The rubber tracks are easy on the soil, but with their excellent traction, can be used for even tough jobs on difficult surfaces.

THE HYDROSTATIC TRANSMISSION
The hydrostatic transmission allows for economically utilizing the full engine's power. All steering maneuvers can be executed by using only two levers. The two speed ranges can be selected without shifting gears, but by pushing only one button. A clutch or levers to shift gears are not part of the hydrostatic systems.

DURABLE RUBBER TRACKS
The rubber tracks are the result of 30 years of joint development from Bridgestone and MOROOKA. The rubber tracks combine the characteristics of a tire equipped vehicle, such as speed and smooth ride, and the good traction of a chain equipped vehicle. Especially on sensitive or muddy and sandy soils, rubber chains are much more durable than steel chains with their many joints.

AMCO VEBA

Truck, Stationary & Marine Cranes

Home Series 103 Series 105 Series 108 Contact Us

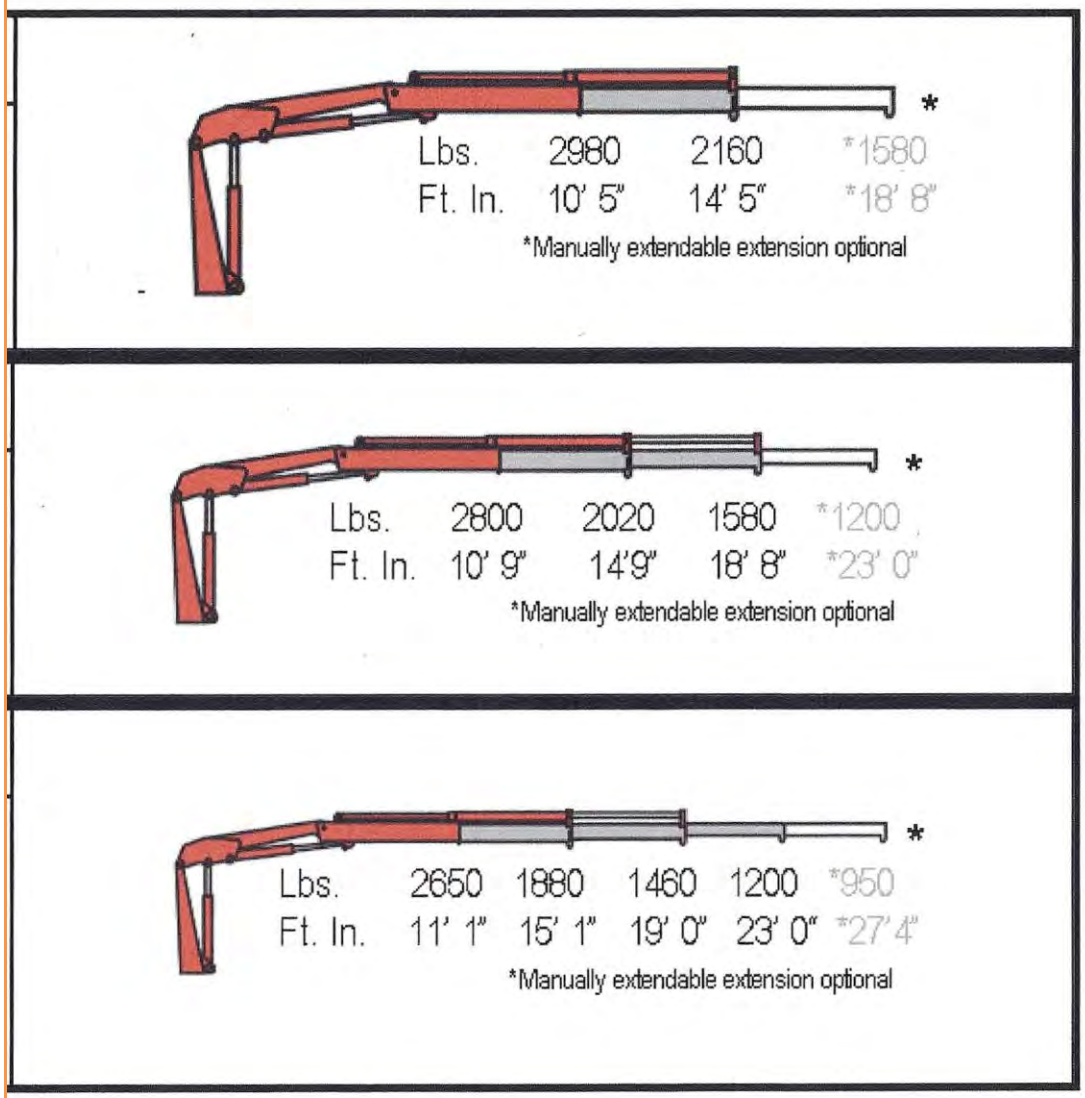
AMCO VEBA Series 105 Knuckleboom Crane

THE ECO-FRIENDLY CRANE

Truck - Stationary - Marine

AMCO VEBA Series 105 Crane with hook on the end will be used to hoist loads such as cuttings bags.

Capacity / Reach



Specifications

Models from top are: 105/S1, 105/S2 and 105/S3

Snow Cat Manufacturer Specification Sheets

Back to Camoplast (Bombardier) Spec Sheets

Engine

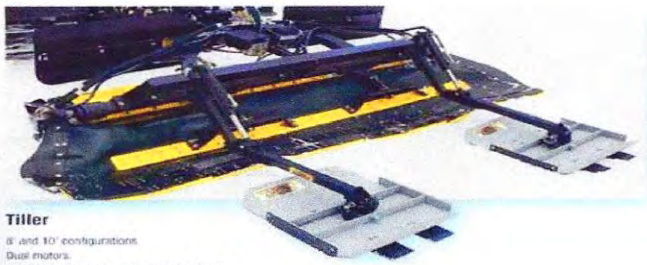
Perkins 160 h.p. diesel
Turbo charged and aftercooled
6 cylinders

Rear Pintle hook / Hydraulics

Hitch mounted on rubber cushion.
Easily Removable.
Rear hydraulics available in 2, 3 or 4 sections.

5th Wheel hitch

Pintle hook or ball hitch.



Tiller

8' and 10' configurations
Dual motors.
Available with single or dual track setters with variable down pressure and lateral adjustment.

Suspension

Unique double "Walking beam" design keeps tracks on the snow even in the worst conditions.
Front solid rubber tire, keeps track adjusted through a hydraulic track adjuster.

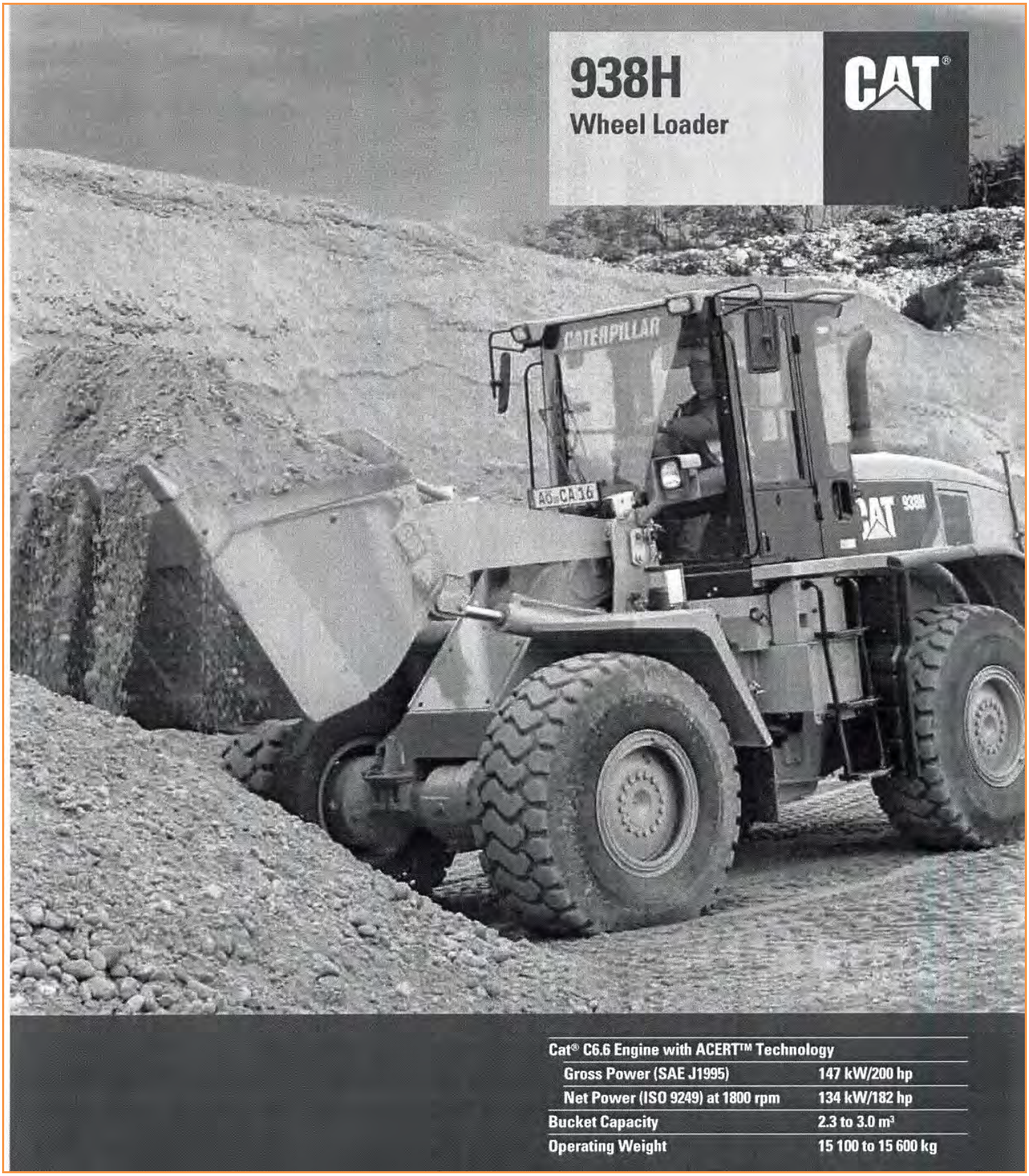
Blade

Rigid "U" blade or All way blade design.
Widths of 8'6", 9'6" or 10'6" for "U" blade and 8' or 10' for All way.
Single lever "Joy Stick" control.

Articulated rear lift frame

Free floating on 3 axis (F3)
Heavy duty design
Hydraulically powered for side to side movement from within the cab
Self centering.
Float position with wide degree of articulation
Extra lifting power for snow covered implements.

The Sno-Cat BR 350 will be used for building/grooming the winter-access trails, for clearing the Sunrise Lake airstrip and for transporting drill crews (when crews are not moved by helicopter).



Cat® C6.6 Engine with ACERT™ Technology	
Gross Power (SAE J1995)	147 kW/200 hp
Net Power (ISO 9249) at 1800 rpm	134 kW/182 hp
Bucket Capacity	2.3 to 3.0 m^3
Operating Weight	15 100 to 15 600 kg

Cat 938 loader will be dedicated to moving heavy loads such drill pipe, freight and moving cuttings around the rig during drilling. This model loader also can be fitted with tracks.

930H
Wheel Loader

CATERPILLAR®

Cat® C6.6 Engine with ACERT™ Technology		
Net power (SAE J1249) *EPA Tier 3, EU Stage III Compliant*	111 kW	149 hp
Weight		
Operating weight	13 029 kg	28,725 lb
Buckets		
Bucket capacity	2.1-5.0 m^3	2.6-6.5 yd^3

Cat 930 loader will be dedicated to unloading freight and clearing the Sunrise Camp Lake icestrip. This model loader also can be fitted with tracks.

From top: 15 000L steel double-walled enviro-tank; sleigh with tilt-deck (similar to sleigh custom made for Chidliak; 10 000L water tank is housed in insulated trailer; the trailer will be sleigh-mounted for ease of movement to supply CH-6 camp and drillsites.