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CYCLONE
DRILLING INC
RIG 3

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RIG 3

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Manufactured by:



Maximum Capacity

10 000 Lbs

45 45 Kg

Made In:

CANADA

This PowerCAT system is protected by one or more of the following US patents and/or foreign country patents:

PATENT

PENDING

and other patents pending

Model Code:

PC 3000 - 42 - 204 - B - A - C - T - S - S

VOLTAGE: 480

AMP: 100 MAX

Serial Number:

PC 3000 - 1144

Date of Manufacture:

MARCH 2008

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MAX CAPACITY
MAN RIDER SWL: 300 LBS
OBJECT LIFT SWL: 3,000 LBS



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NATIONAL OILWELL VARCO

SUGAR LAND, TEXAS U.S.A.

ELMAGCO

EDDY CURRENT BRAKE

WATER COOLED

SERIAL NO. 11130-351

BAYLOR MODEL NO. 6032W

ASSY. NO. 10003774-001

MAX. INPUT D.C. AMPERAGE @ 20° C 41

EST. WT. 12,130 LBS.

MAX. INPUT D.C. VOLTAGE 250 VDC

MAX. R.P.M. 600

MIN. COOLANT FLOWRATE 75 G.P.M.

MAX. COOLANT INLET TEMPERATURE

MAX. COOLANT DISCHARGE TEMPERATURE

150 °F
155 °F

MAX. AMBIENT TEMPERATURE 50° C



Approved

EXPLOSION PROOF FOR CLASS I, DIVISION I, GROUPS C AND D HAZARDOUS LOCATIONS, WITH A TEMPERATURE RATING OF "T4A", WHEN USED WITH A LOSS-OF-COOLING WATER FLOW ALARM SYSTEM PER DWG. 46765 AND SEALING DEVICE LOCATED WITHIN 18" OF THE JUNCTION BOX ON THE CONDUIT CONTAINING THE INCOMING POWER LEADS.

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A photograph of an industrial rig structure, likely a derrick or crane, featuring a complex network of white steel beams and yellow safety railings. The structure is viewed from a low angle, looking up through a central opening. In the background, a large blue industrial container is visible under a clear blue sky with some clouds. A yellow piece of equipment is partially visible in the foreground at the bottom center.

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The image shows a close-up of industrial equipment, likely part of a wellhead or pumpjack system. A large, blue-painted flywheel is the central component, showing signs of wear and rust. It is connected to a complex arrangement of pipes, hoses, and valves. A black flexible hose runs vertically on the left side. Above the flywheel, there are several metal pipes and a coiled spring. To the right, a black control valve with multiple ports is visible. The background consists of a white metal structure and a yellow safety railing. A warning sign is partially visible in the upper left corner, with the text "DANGER" and "PROTECTION REQUIRED". The floor is made of wooden planks.

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A photograph of a red industrial hoist or winch mounted on a white steel structure. The hoist has a yellow label that reads "MAX LOAD 25 TON". It is connected to a cable and has a yellow safety rail. The background shows a complex steel framework and a bright light source.

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A close-up photograph of industrial machinery. A large, white, cylindrical component is mounted on a metal base. Several thick, black cables are connected to the machinery. The metal parts are painted blue and show signs of wear and rust. A watermark is visible across the center of the image.

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A close-up photograph of industrial machinery. A large, blue-painted cylindrical component, possibly a motor or a part of a pump, is the central focus. It is mounted on a heavy, blue-painted metal base. Several black cables are connected to the machinery, some running along the side and others bundled together. The scene is brightly lit, with strong shadows cast on the ground. The overall appearance is that of a well-maintained but somewhat aged industrial installation.

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The image shows a close-up of industrial machinery, likely part of a drilling rig. Several black, flexible hoses are connected to a blue metal structure. The hoses are bundled together and run across the frame. The background is a bright, overexposed area, possibly a window or an open space. The overall scene is industrial and technical.

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A close-up photograph of industrial machinery, likely a hydraulic press or similar equipment. The scene is dominated by blue-painted metal components. Several black hydraulic hoses are visible, with white text printed on them, including "Parker", "TOUGH COVER", "1711C-8 WP 20.7 MPa 1025 PSI", and "ISO 11237-1/EN857/2SC12-5 3A 4014". A central component is a multi-layered metal block held together by bolts. A bright light source from the right creates a strong glare and highlights the textures of the metal and hoses. The overall image has a cool, blue-toned aesthetic.

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MAGNAMAX[®] DVR[®] CE

SYNCHRONOUS AC GENERATOR

MODEL 744FSS5095
SERIAL WA-573485-0610 TYPE FSS
FRAME 744 RPM 1800
PH 3 HZ 60 PF 0.7
ENCL. IP22 AMB. 40 °C
INS.CLASS H1 RISE BY RES. 80 °C
FIELD AMPS 2.2 FIELD VOLTS 55

CONTINUOUS

KW 915 VOLTS 600
KVA 1307 AMPS 1258

STANDBY SERVICE

KW
KVA

DRIVE BEARING

REGULATOR NO.

EXCITER BEARING A-7812R-110

PMG VOLTS 180 PMG HZ 300

GREASING INSTRUCTIONS

LUBRICATE GENERATOR EVERY 3000 OPERATING
HOURS OR ANNUALLY WITH 4.2 CUBIC INCHES OF
EXXON POLYREX EM OR EQUIVALENT GREASE WITH A
TEMPERATURE RANGE OF -30 °C TO 175 °C

 MARATHON[®]
ELECTRIC

WAUSAU, WISCONSIN 54401

SPACE HEATER

VOLTS 120/240 WATTS 1000
HERTZ 60/50 PHASE 1

DAN

HIC
VOLT

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EMISSION CONTROL INFORMATION

THIS ENGINE MEETS U.S. EPA EMISSION STANDARDS UNDER 40 CFR 1039.625 AND COMPLIES WITH CALIFORNIA EMISSION REQUIREMENTS UNDER 13 CCR 2423(d). SELLING OR INSTALLING THIS ENGINE FOR ANY PURPOSE OTHER THAN FOR THE EQUIPMENT FLEXIBILITY PROVISIONS OF 40 CFR 1039.625 AND 13 CCR 2423(d) MAY BE A VIOLATION OF FEDERAL AND/OR STATE LAW SUBJECT TO CIVIL PENALTY.

ENGINE FAMILY: AMDDL35.8GRR

MFG. DATE: 01/2012

OPERATING FUEL: DIESEL

POWER CATEGORY: > 560 kW

DISP: 31.8

PLEASE CONTACT TOGNUM AMERICA INC. AT (313) 592-7000
OR BY MAIL AT 13400 W OUTER DRIVE, DETROIT, MICHIGAN
48239-4001 FOR FURTHER INFORMATION ABOUT THIS ENGINE.
UNIT: 5362010425

Tognum America Inc.

mtu

66.33 MMN 425

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CALIFORNIA PROPOSITION 65 WARNING

DIESEL ENGINE EXHAUST GAS AND SOME OF ITS CONSTITUENTS
ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER,
BIRTH DEFECTS, AND OTHER REPRODUCTIVE HARM.

mtu

MAGNAMAX DVR
CE

SYNCHRONOUS AC GENERATOR

MODEL 744TSS-095
SERIAL WA-57-33-0212
FRAME 744
PH 3
ENCL. IP22
INS. CLASS H1
FIELD AMPS 2.2

RPM 1800
HZ 60 TYPE FSS
PF 0.7 AMB. 40 °C
RISE BY RES. 80 °C
FIELD VOLTS 55

CONTINUOUS

KW 915
KVA 1307

VOLTS 600
AMPS 1258

STANDBY SERVICE

VOLTS
KVA
AMPS

DRIVE BEARING NA
END REGULATOR NO.

EXCITER BEARING A-7812R-110
END PMG VOLTS 180 PMG 300

GREASING INSTRUCTIONS

LUBRICATE GENERATOR EVERY 3000 OPERATING HOURS OR ANNUALLY WITH 4.2 CUBIC INCHES OF EXXON POLYREX EM OR EQUIVALENT GREASE WITH A TEMPERATURE RANGE OF -30 °C TO 175 °C

MARATHON
ELECTRIC

WAUSAU, WISCONSIN 54981

DANGER
HIGH
VOLTAGE

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SPACE HEATER

VOLTS 120/240 WATTS 1000
HERTZ 60/50 HURSE 1/2



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MAGNAMAX[®] DVR[®]



SYNCHRONOUS AC GENERATOR

MODEL 744FSS5095
SERIAL WA-583041-1213
FRAME 744 RPM 1800
PH 3 HZ 60 TYPE FSS
ENCL. 1P22 PF 0.7 AMB. 40 °C
INS.CLASS H RISE BY RES. 80 °C
FIELD AMPS 2.2 FIELD VOLTS 55

CONTINUOUS

KW 915 VOLTS 600
KVA 1307 AMPS 1258

STANDBY SERVICE

KW
KVA AMPS

DRIVE BEARING NA EX BEARING A-7812R-110
REGULATOR NO. VOLTS 80 HZ 300

GREASING INSTRUCTIONS

LUBRICATE GENERATOR EVERY 3000 OPERATING
HOURS OR ANNUALLY WITH 4.2 CUBIC INCHES OF
EXXON POLYREX EM OR EQUIVALENT GREASE WITH A
TEMPERATURE RANGE OF -30 °C TO 175 °C

 **MARATHON[®]**
ELECTRIC

WAUSAU, WISCONSIN 54401

SPACE HEATER

120/240 VOLT 1000 WATT
3 PHASE 4 WIRE

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NO WATER
HOSE
ALLOWED

DANGER
HIGH
VOLTAGE

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HEARING & EYE
PROTECTION
REQUIRED IN
THIS AREA

DANGER

NO WATER HOSES
TO BE USED AROUND
GENERATOR OR
ELECTRICAL MOTORS

DANGER

HIGH
VOLTAGE



THREE PHASE DRY TYPE TRANSFORMER
MADE IN MEXICO

CUSTOMER REF. []
SERIAL NO. 22539
PART NO. MK1000PTAH3R

TERMINALS H1 H2 H3

	VOLTS	AMPS	% RATED VOLTAGE	CONNECTION EACH PHASE
	630	916	105	1-2
	615	939	102.5	2-3
	600	962	100	3-4
	585	987	97.5	4-5
	570	1013	95	5-6

TYPE K CLASS ANN

kVA 1000

TEMP. RISE deg. C 150

TEMP. CLASS 220

FREQ. HZ 60

IMPEDANCE % @ 170° C 6.17
BASE KVA 1000

ENCL. TYPE NEMA-3R

CORE AND COIL WT 3900 LBS

TOTAL WT 4500 LBS

WINDING AL

ENERGY EFFICIENCY 100%

E10M2

SPACINGS BETWEEN ENCLOSURE AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 1.25 INCHES
LAND DRILLING DUTY
THERMAL FACTOR 1.0

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DANGER-HIGH VOLTAGE
UNINSULATED COMPONENTS CARRYING
HIGH POTENTIAL AC AND DC CURRENTS
INSIDE CABINET

PWM-CL

AGITATOR
FEEDER
180A/180A/180A

ON

SPARE
FEEDER
180A/180A/180A

ON

INCOMING MAIN
CIRCUIT BREAKER
1800A/1800A/1800A



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CANRIG DRILLING TECHNOLOGY LTD.
MAGNOLIA, TEXAS
U.S.A.
(281) 250-8887

www.PetroRigs.com

SERIAL No: TDCU J11684

WEIGHT: 18000 LB kg

OVERALL LENGTH: 19 FT

OVERALL WIDTH: 8 FT

OVERALL HEIGHT: 8 FT 6 IN

TDSU TEMPERATURE deg F

CANRIG
Control Panel

SYSTEM HOURS

POWER ON

E-STOP BY-PASS

DRIVE LOCKOUT

LUBE COOLER

BLOWERS

HPU 2

OFF

AUTO

MANUAL

STOP

START

STOP

START

DANGER
HIGH VOLTAGE

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HIGH VOLTAGE



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宝鸡石油机械有限责任公司

BAOJI OILFIELD MACHINERY CO., LTD

中国 宝鸡 BAOJI, CHINA



警示 WARNING

更换配件时请使用原厂配件，否则，有可能给用户造成损失！

THE ORIGINAL PARTS OF THE MANUFACTURER MUST
BE USED FOR REPLACEMENT OF ANY. OTHERWISE,
IT MAY CAUSE A DAMAGE OF THE PUMP.

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F-1600HL Mod Pump Performance Data Table

F-1600HL Mod Pump Performance Data Table										
Liner Diameter (in)	7 1/2	7 1/4	7	6 3/4	6 1/2	6 1/4	6	5 1/2	5	4 3/4
Pressure (Psi)	2990	3200	3430	3685	3980	4310	4670	5555	6725	7450
Gallons Per Stroke	6.81	6.5	6.02	5.55	5.23	4.76	4.44	3.65	3.01	2.69

Notes:

- 1 - Based on 100% volumetric efficiency and 90% mechanical efficiency
- 2 - Maximum working pressure of 7498 Psi
- 3 - Minimum strokes allowed: 60 SPM
- 4 - Maximum strokes allowed: 110 SPM

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HIGH
VOLTAGE

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