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A large, blue-painted industrial rig component, possibly a wellhead or separator, is shown in an outdoor setting. The component is rectangular and features a yellow metal frame on top. Various pipes, valves, and electrical conduits are attached to the side. A white pickup truck is partially visible on the right side of the frame. The background shows a cloudy sky and other industrial equipment.

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The image shows a complex industrial setup on a metal grating platform. In the foreground, there are large blue pipes and a blue metal structure. A red hose is connected to the blue pipes. In the background, a tall crane is visible against a cloudy sky. The overall scene is an industrial or construction site.

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A photograph of industrial machinery, likely a pump or valve assembly, mounted on a metal platform. The main frame is painted blue, while the pipes are red. The machinery is situated on a metal grating walkway. In the background, there are other industrial structures and a cloudy sky. A watermark is overlaid on the center of the image.

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A photograph of industrial machinery, likely a pump or compressor, mounted on a blue metal frame. The machinery features several red pipes and a central blue component with two large, cylindrical, metallic rollers. The entire unit is situated on a platform with a metal grate floor. In the background, other industrial structures and a cloudy sky are visible.

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# RUFF

EQUIPMENT

888-404-RI

Magnolia, TX US

www.ruffequipment.com

Model No.:

Serial No.:

Screen Size:

Mfg. Date:

Customer P.O. No.:

Drawing No.:

Patent No. 6401935 & Patents Pending

Made in the U.S.A.

www.petrorigs.com

Voltage:

No. of Screens:



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CAT<sup>®</sup> SER. NO. MCW08222 ENGINE MODEL

MODIFICATION NO. SEE ORDER

AR. NO. 3592103

CORE AR. 3592103

OEM NO.

FLS (INTERCEPT) - 28

CERTIFICATION TYPE: E4B HP: 402.9

IS 22 W/ E DO NOT VERIFY CURRENT

ECM SOFTWARE

ELECTRICAL

PERFORMANCE

FTC

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C.195.100  
F023

F  
C15 13

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15 GALS

FITZ  
11.8.13

A large yellow industrial engine, likely a generator or power source, is mounted on a blue metal platform. The engine has a prominent black air filter on top and various pipes and hoses connected to it. To the left, a yellow crane hook is suspended by cables. The background shows a grassy field and a cloudy sky. A watermark is overlaid on the image.

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A large yellow industrial engine, likely a diesel generator, is mounted on a blue metal structure. The engine is connected to a network of yellow pipes and has a black radiator on the left side. The structure is situated on a platform with a metal grate floor. In the background, there are blue storage tanks and a building under a cloudy sky.

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C.195.100  
F024

F F  
C15 18

[www.petrorigs.com](http://www.petrorigs.com)

15GALS

FITZ  
11.8.13

FITZ

A large, blue industrial machine, possibly a pump or motor, is mounted on a metal platform. The machine has a cylindrical component on top and is surrounded by various pipes, cables, and structural elements. A white crane arm is visible in the foreground, extending from the right side towards the machine. The background shows an outdoor industrial setting with a cloudy sky and some distant structures.

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BDW  
ODESSA, TEXAS

[www.petrorigs.com](http://www.petrorigs.com)

THE BAKER ENGINE CO.  
PA.  
MODEL 80W 850W DRAW WORKS  
WITH 2.0-GSOTLINE COMPOUND  
SERIAL # 242  
ODESSA, TEXAS

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BDW  
ODESSA, TEXAS

TRANSITION SPEEDS  
REVERSE 2-4 3-4

STOP

LOW DRUM



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A low-angle, upward-looking photograph of a large industrial crane structure. The crane's white metal beams and cables create a complex geometric pattern against a cloudy, overcast sky. In the center-right, a large, heavily rusted yellow hook is suspended, attached to a thick black chain. The perspective is from below, looking up the length of the crane's structure. A watermark is overlaid in the center of the image.

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The image shows a complex industrial machine, likely a conveyor system or a material processing unit. It features several large rollers, each covered in a dense, woven metal mesh. These rollers are arranged in a line, and they are supported by a series of bearings and shafts. The machine is housed within a metal enclosure, which appears to be made of stainless steel or a similar durable material. The overall appearance is that of a well-used, heavy-duty piece of equipment. A watermark is visible in the center of the image.

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SERIAL NUMBER

M-300-002



DATE MANUFACTUR

5-2015

API SPEC 4F-0393, 4th EDITION

HEIGHT 110 ft. 33.5 m.

MAX STATIC HOOK LOAD 150 t / 1334 KN 300,000 LBS. WITH 8 LINES TO TRAVELING BLOCK.

CAUTION: ACCELERATION OR IMPACT, ALSO SETBACK, RODS AND WIND LOADS WILL REDUCE THE MAX. RATED STATIC HOOK LOAD CAPACITY.

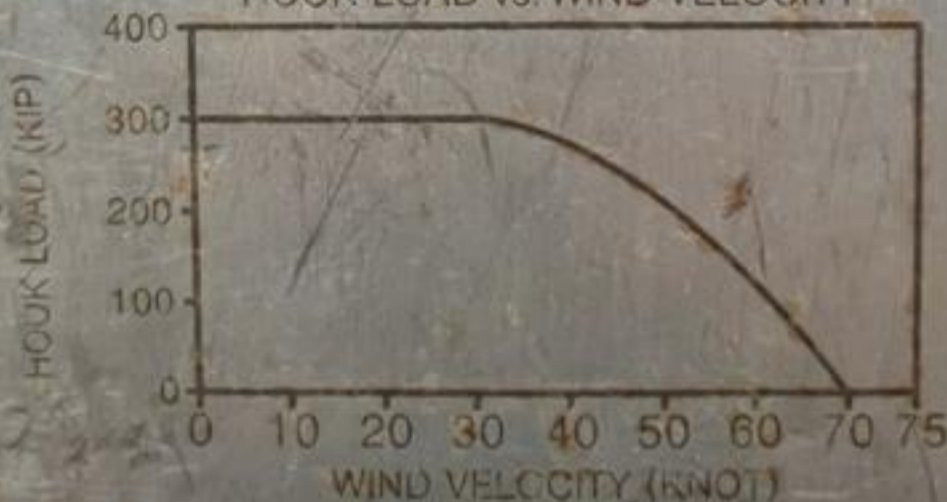
MAXIMUM RATED DESIGN WIND VELOCITY 36.5 m/s 71 KNOTS WITH RATED CAPACITY OF PIPE RACKED, AT 10 m (33ft.) ABOVE MEAN SEA LEVEL OR GROUND FOR 3 SECOND GUST

MAXIMUM RATED DESIGN WIND VELOCITY 48.7 m/s 94.7 KNOTS WITHOUT RATED CAPACITY OF PIPE RACKED, AT 10 m (33ft.) ABOVE MEAN SEA LEVEL OR GROUND FOR 3 SECOND GUST

ELEVATION OF BASE OF DERRICK OR MAST ABOVE MEAN SEA LEVEL OR GROUND USED IN DESIGN FOR WIND LOADING 5.7 m. 18.7 ft.

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HOOK LOAD vs. WIND VELOCITY



PSI 1

SSL E3/U3

SR 3

SUPERIOR DERRICK SERVICES, LLC  
6261 MAIN HIGHWAY  
ST. MARTINVILLE, LOUISIANA

SERIAL NUMBER

DATE MANUFACTUR

0 10 20 30 40 50 60 70 75

WIND VELOCITY (KNOT)

PSL **1**

SSL **E3/U3**

SR **3**

SUPERIOR DERRICK SERVICES, LLC.  
6261 MAIN HIGHWAY  
ST. MARTINVILLE, LOUISIANA

SERIAL NUMBER

**M-300-002**

DATE MANUFACTURE

**05-2018**

MODEL **M-368** API SPEC 4F-0393, 4th EDITION

HEIGHT **110 FT.** **33.5 m.**

MAX STATIC HOOK LOAD **182.5 ST** **1623.60 KN** **365,000 LBS.** WITH **10**

WINES TO TRAVELING BLOCK.

**CAUTION:** ACCELERATION OR IMPACT, ALSO SETBACK,  
SHOCKS AND WIND LOADS WILL REDUCE THE MAX. RATED  
STATIC HOOK LOAD CAPACITY.

MAXIMUM RATED DESIGN WIND VELOCITY **36.5 m/s** **71 KNOTS**

AT RATED CAPACITY OF PIPE RACKED, AT 10 m

ABOVE MEAN SEA LEVEL OR GROUND FOR 3

SECOND GUST

MAXIMUM RATED DESIGN WIND VELOCITY **48.5 m/s** **94 (KNOT)**

AT RATED CAPACITY OF PIPE RACKED, AT 10 m (33ft)

ABOVE MEAN SEA LEVEL OR GROUND FOR 3 SECOND GUST.

ELEVATION OF BASE OF DERRICK OR MAST ABOVE

MEAN SEA LEVEL OR GROUND USED IN DESIGN FOR

WIND LOADING **5.7 m.** **18.7 FT.**



PSL **1**

SSL **E3/U3**

SR **3**

SUPERIOR DERRICK SERVICES, LLC.  
6261 MAIN HIGHWAY  
ST. MARTINVILLE, LOUISIANA

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The image shows a complex industrial setup on a blue metal platform. In the foreground, there are several large blue pipes and valves, some with red-painted sections. A prominent red valve with a handwheel is visible. To the right, there are three large blue flanges or ports. In the background, a tall metal tower structure is visible against a cloudy sky. The ground is covered in gravel. A watermark is overlaid on the center of the image.

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**Weatherford**

**Model MP-10**

		PISTON SIZE	RATED PSI
PART NUMBER	53-103022	4.50"	5,000
SERIAL NUMBER	V-472	5.00"	4,300
RATED POWER	1,000 HP	5.50"	3,500
STROKE LENGTH	10 INCH	6.00"	3,000
INTERNAL GEAR RATIO	4.2:1	6.50"	2,500
MAXIMUM CRANK SPEED	140 RPM		
OIL CAPACITY	75 GAL		

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**Weatherford**

**Model MP-10**

PART NUMBER

SERIAL NUMBER

RATED POWER

STROKE LENGTH

INTERNAL GEAR RATIO

MAXIMUM CRANK SPEED

OIL CAPACITY

68979633

V-174

1,000 HP

10 INCH

4.2:1

140 RPM

75 GAL

PISTON RATED  
SIZE PSI

4.50" 5,000

5.00" 4,800

5.50" 3,500

6.00" 3,000

6.50" 2,500

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[www.petro-rigs.com](http://www.petro-rigs.com)



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A long, blue industrial container is the central focus, resting on a gravel surface. The container has a corrugated metal exterior and a door that is open, revealing a bundle of black cables. To the left, a large, rusted metal component is visible. To the right, there is a yellow piece of heavy machinery and a blue barrel. The background shows a cloudy sky and some trees. A watermark is overlaid on the container.

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DETROIT DIESEL  
SERIES 60



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DETROIT DIESEL  
1-800-331-0330  
1-800-331-7100

Small, illegible text label on the engine block.

IMPORTANT ENGINE INFORMATION

THIS ENGINE COMPLIES WITH U.S. EPA EMISSION STANDARDS UNDER 40 CFR 1039.625 AND CALIFORNIA EMISSION REQUIREMENTS UNDER 13 CCR 2423(d). SELLING OR INSTALLING THIS ENGINE FOR ANY PURPOSE OTHER THAN FOR THE EQUIPMENT FLEXIBILITY PROVISIONS CITED MAY BE A VIOLATION OF FEDERAL AND/OR STATE LAW SUBJECT TO CIVIL PENALTY. THIS ENGINE IS CERTIFIED TO OPERATE ON ULTRA-DIESEL FUEL. ENGINE PLACED ON THE MARKET UNDER THE FLEXIBILITY SCHEME.



EMISSION CONTROL SYSTEMS: DD1-EM-EGK-TAF  
ADV. KW 496 (665 HP) AT 2300 RPM  
MODEL SERIES 60, 14L - TIER 3  
UNIT 06R1065037

INJT. IN. 16.5 D.G. PTC  
ENGINE FAMILY HDX 14.0 L  
0.0  
MFG. DATE AUG 2014  
DISPLACEMENT 14.0 L  
MIN. IDLE 600 RPM

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**EATON**

Freedom  
Series 2100  
Motor Control Center

479C42H10

5000P0M2 11.001-MUC  
MADE IN U.S.A. 1000A 60  
480V 3PH 3W 60HZ  
SECT. 1-4 600A

SHORT-CIRCUIT-CURRENT  
RATING 25,000 AMPS RMS 5YM  
600 VOLTS MAXIMUM

DO NOT INSTALL ON CIRCUITS  
WITH AVAILABLE SHORT-CIRCUIT  
CURRENTS HIGHER THAN 25,000  
AMPS. SEE LISTED LITERATURE.

NEUTRAL NONE  
MAIN MAIN EQUAL TRANSFER

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60 AMP SIZE 2

DRILL WATER

20-HP WATER PUMP  
#1

ON

TRIP

**NOTICE**

- USE COPPER WIRE ONLY FOR CONTROL TERMINATIONS
  - USE COPPER WIRE ONLY FOR POWER TERMINATIONS UNLESS "CUAL" CONNECTORS ARE PROVIDED
  - USE ONLY WIRE WITH 90-DEGREE OR HIGHER BEND RADIUS
- SEE DOCUMENT POCKET ON LEFT END COVER FOR:
- GENERAL INSTRUCTIONS, TERMINALS & OPERATIONS INSTRUCTIONS TABLE
  - WIRE AWG/CFTY TABLE
  - TERMINAL TORQUE VALUES
  - OTHER RELATED WIRE APPLICATIONS

15 AMP SIZE 1

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**DANGER**  
THIS EQUIPMENT  
STARTS  
AUTOMATICALLY

QSI-120  
quincy compressor.com

Quincy  
COMPRESSOR

AIR COMPRESSOR I



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**MAGNAMAX** DVR  
SYNCHRONOUS AC GENERATOR

MODEL 433RSL4019  
SERIAL MT-0012941-1014 TYPE RSL  
FRAME 433 RPM 1800  
PH 3 HZ 60 PF 0.8  
ENCL. OPEN AMB. 40 °C  
INS. CLASS H4 RISE BY RES. 105 °C  
FIELD AMPS 2.2 FIELD VOLTS 55

CONTINUOUS

KW 250 VOLTS 480  
KVA 316 AMPS 316  
STANDBY SERVICE

KW VOLTS  
KVA AMPS

DRIVE BEARING EXCITER BEARING A-7812R-70  
REGULATOR NO. DVR2000E+ PMS 180 PMS 300  
VOLTS HZ

GREASING INSTRUCTIONS

LUBRICATE GENERATOR EVERY 6500 OPERATING HOURS OR ANNUALLY WITH 2.1 CUBIC INCHES OF EXXON POLYREX EM OR EQUIVALENT GREASE WITH A TEMPERATURE RANGE OF -30 °C TO 175 °C

**VARATHION**  
ELECTRIC  
WISCONSIN 53407

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THIS  
CALC  
ENG  
MAY  
CERT

IMPORTANT ENGINE INFORMATION  
ENGINE COMPLIES WITH U.S. EPA EMISSION STANDARDS UNDER 40 CFR 101.10 AND 101.11  
FOR ALL PURPOSES OTHER THAN FOR THE EQUIPMENT FLEXIBILITY PROGRAM UNDER 13 CCR 2423(d). SELLING OR  
RENTING OR LEASING THIS EQUIPMENT FOR USE IN ANY STATE, TERRITORY, OR DISTRICT OF COLUMBIA, OR  
FOR EXPORT TO ANY FOREIGN COUNTRY, IS SUBJECT TO FEDERAL AND/OR STATE LAWS. SEE 40 CFR 101.10 AND 101.11  
AND 13 CCR 2423(d) FOR MORE INFORMATION.

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ARROW TO  
OF





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[www.petrorigs.com](http://www.petrorigs.com)

**DANGER**  
THIS EQUIPMENT  
STARTS  
AUTOMATICALLY

Quincy  
COMPRESSOR

QSI 120

A large industrial engine, possibly a generator or pump, is mounted on a metal frame. The engine is silver and black, with various hoses and pipes connected to it. It is situated in a workshop or garage, with other equipment and a blue cabinet visible in the background. The floor is concrete with some yellow markings. A watermark is overlaid on the image.

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