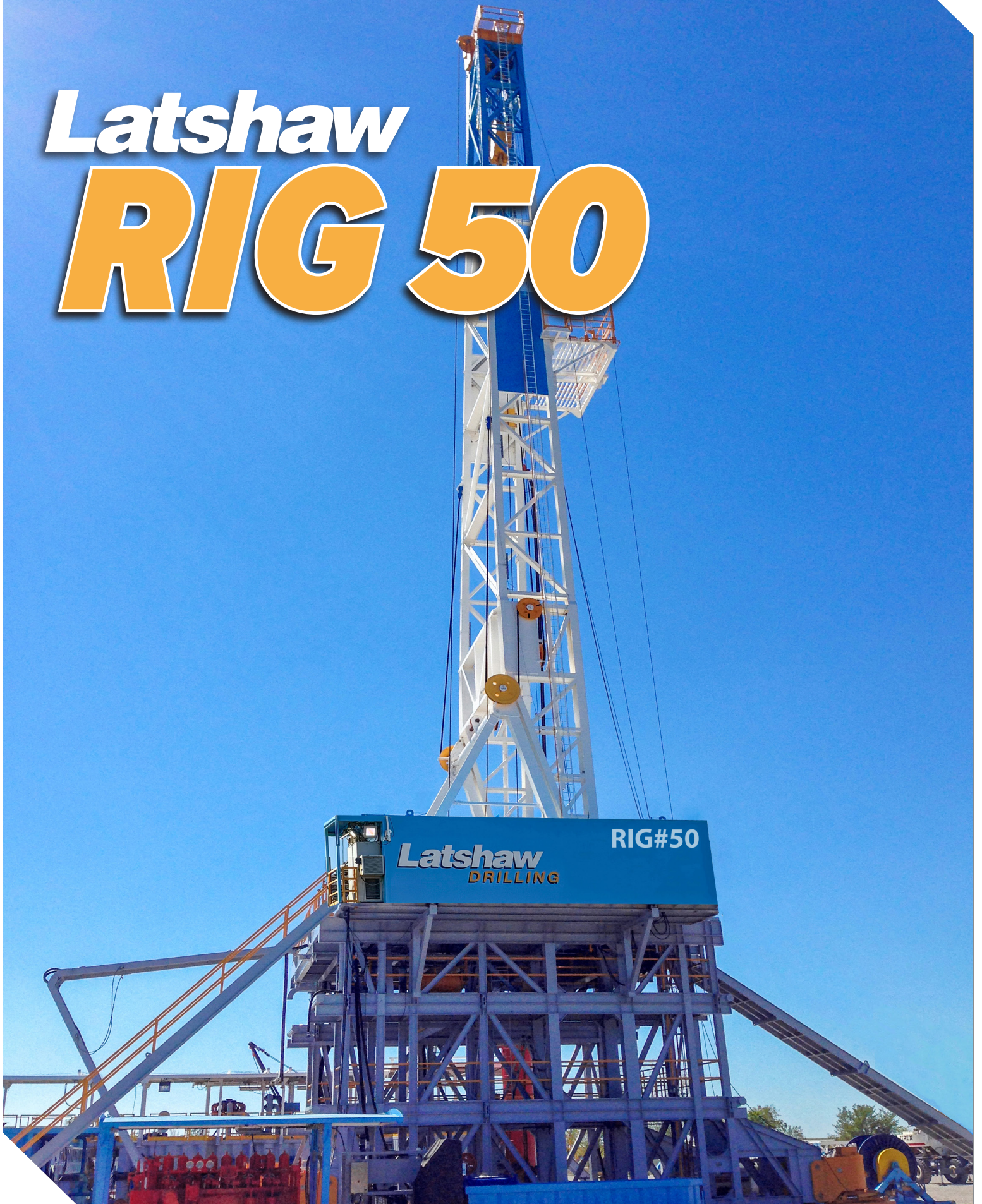


Latshaw

RIG 50



Latshaw
DRILLING

RIG#50

RIG 50/ Specifications

HOISTING, ROTATING & PIPE-HANDLING EQUIP.

DRAWWORKS	NOV DSGD-CX425 (2-Speed 2000HP) driven by (1) 2000 HP AC Motor
AUXILIARY BRAKE	Disk Brake
HOISTING CAPACITY	1,000,000# w/ 12 Lines, 850,00#w/ 10 Lines, 693,000# w/ 8 Lines
ROTARY TABLE	NOV C275 27 1/2" Rotary / Hydraulic Driven
TRAVELING BLOCK	500 Ton
TOP DRIVE	NOV TDS-11SAE AC High Torque 500 Ton (1200HP)
IRON ROUGHNECK	Forum FR-120 or Equivalent
HYDRAULIC CATWALK	Canrig PC3000
PIPE HANDLING	IAT Rotating Mouse Hole

POWER PACKAGE

ENGINES	(4) Caterpillar 3512
DIESEL	18,000 gal
BI-FUEL	TBD
GENERATORS	(4) Kato 1365kw
VFD SYSTEM	NOV Drill Force LS 4x5 w/EZ Gen controllers

BOP EQUIPMENT

ANNULAR	TBD
SINGLE RAM	TBD
DOUBLE RAM	TBD
ACCUMULATOR	6 station / 180 Gallon
CHOKE MANIFOLD	10,000 psi
MUD/GAS SEPARATOR	Poor Boy Degasser

OPTIONAL CAPABILITIES

NOVOS
BESS/Flywheel Ready
Maestro Power Management System
Hi-Line Capable 5000 KVA Incomer w/Power Metering
Soft Speed II
Twister 2
Optional "Shaker Hawk" Remote Monitoring & Automation Platform

MAST & SUBSTRUCTURE

MAST

TYPE	IDS 154'
HOOK LOAD	1,000,000#
RACKING CAPACITY	37,500' - 5" / 34,500' - 5 1/2"

SUBSTRUCTURE

TYPE	Box on Box 28'
CLEAR HEIGHT	24' 6"
LOAD RATINGS	1,000,000# Casing / 900,000# Setback
RIG WALKING SYSTEM	Veristic Walking System
PAD CAPACITY	150' x 40' x, y Axis

MUD SYSTEM

MUD PUMPS	(3) HHL-1600 (1600 HP)
FLUID ENDS/ DELIVERY SYSTEM	7,500# WP PSI Fluid Ends and Delivery System
CHARGING PUMPS	(3) 6x5x14 60HP
PROCESS PIT	(500 bbl) Four-Compartment w/ (2) Agitators
SUCTION PIT	2X (500 bbl) Four-Compartment w/ (4) Agitators
TRIP TANK	(100 bbl) One-Compartment w/ 10HP Agitator
TRIP TANK PUMP	4x3x13 100HP
SHALE SHAKERS	(3) High Capacity Brandt Alpha Shakers
DEGASSER	NOV Brandt D-1000-C
DESANDER	NOV Brandt 3-10" Cones
DESANDER PUMP	6 x 8 Centrifugal 100HP
DESILTER	NOV Brandt 20-4" Cones
DESILTER PUMP	6 x 8 Centrifugal 100HP
MUD MIXING PUMPS	6 x 8 100HP
DRILLING WATER	500 bbl