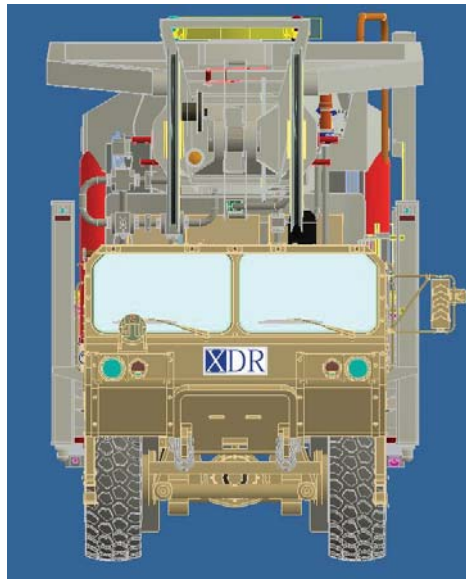


XDR

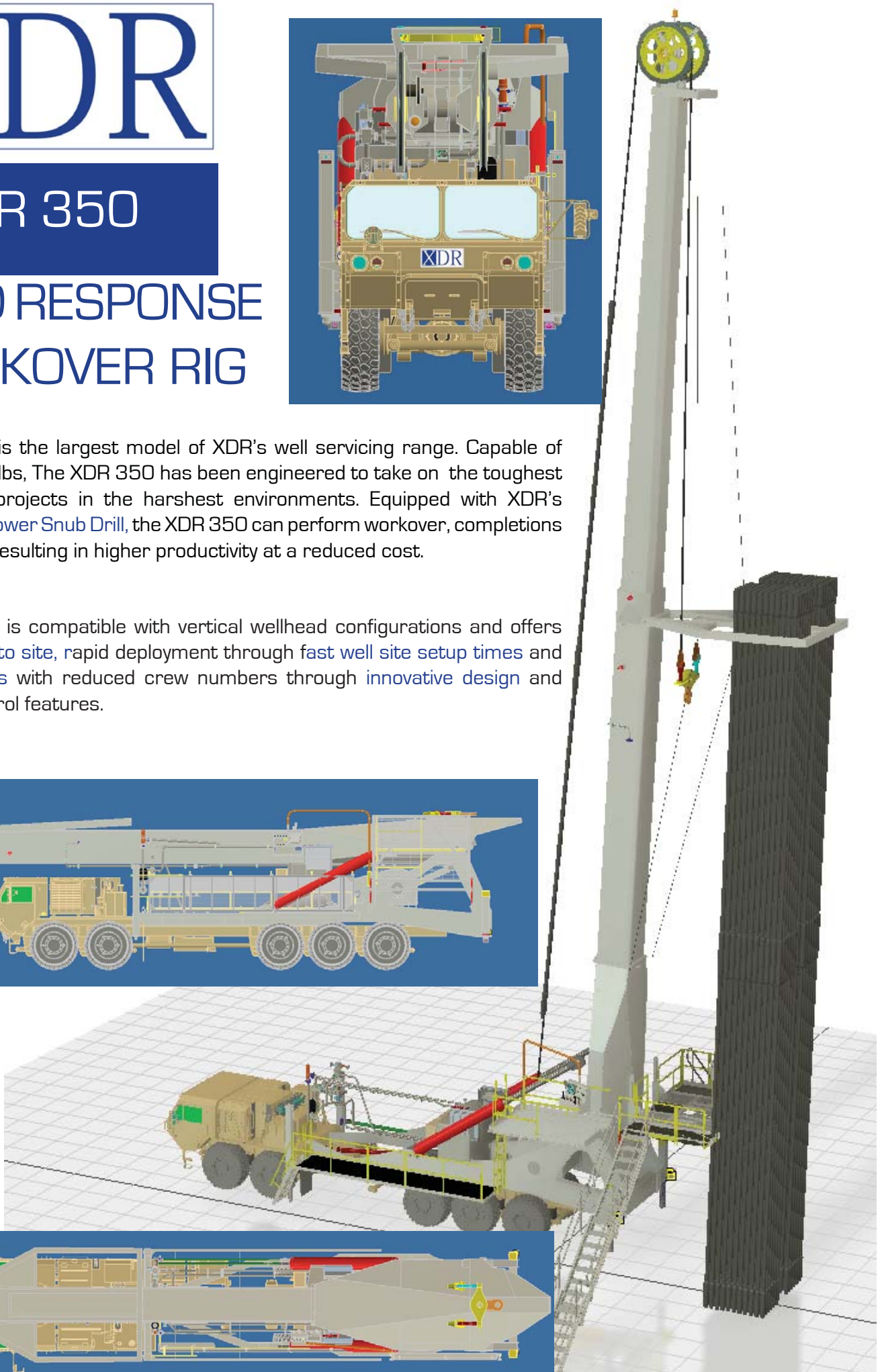
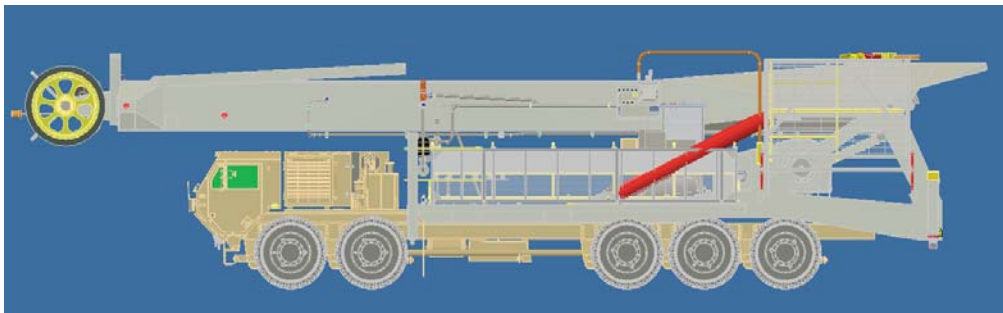
XDR 350

RAPID RESPONSE WORKOVER RIG



The XDR 350 is the largest model of XDR's well servicing range. Capable of lifting 350,000lbs, The XDR 350 has been engineered to take on the toughest well servicing projects in the harshest environments. Equipped with XDR's revolutionary [Power Snub Drill](#), the XDR 350 can perform workover, completions and snubbing, resulting in higher productivity at a reduced cost.

Every XDR 350 is compatible with vertical wellhead configurations and offers [ease of access to site](#), rapid deployment through [fast well site setup times](#) and [safer operations](#) with reduced crew numbers through [innovative design](#) and embedded control features.



Technical Specifications:

Rig and Deck Dimensions	Packed up rig dimensions: 18.4 m long, 3.0 m wide, 4.5 m high. Deck 9.0 metre long fully welded deck structure - plate, channel & RHS/four levelling jacks, with rear jacks on outrigger slides
Mast	Multi telescopic box section Mast; crown sheave height above ground 31.2 metres (102 foot), capable of pulling double lengths of tubing. Variable operating mast angle to 10 degrees.
Hook Load	Operating hook load 158,800Kg (350,000lbs). Twin 48mm lines single fall
Cantilever Work Platform	Variable from ground 1.0 to 6.1 metres (20ft) - Cantilevered style including 2 step ladders with hydraulically operated lift and tilt wings. Can be detached and fix work platform used instead.
Operators Platform	Operated from the control console on the work platform.
Winches	158,800 Kg (350,000 lbs.) variable speed hydraulic draw works (twin line single fall) 48mm rope2. 3,000 metre (8mm rope) Sandline Winch - swabbing, net payload at 3,000 metres, 1,200 Kg (2,640 lbs). 2 Tugger Winchs 8,000 Kg (17,600 lb.)
Power Unit	Tatra truck with CAT 820 HP diesel engine provides the power for the Rig via a PTO.
Main Hydraulic Pumps	Main Pumps and Motors are Bosch Rexroth/Parker.
Fluid Pumps	5000 Psi test pump. Charge Pump - 4" Hydraulically Driven, or equivalent
Water Manifold	5,000 psi water control manifold, suction and hoses for connection to well. 5,000 psi manifold system from horsehead at top of mast outer boom to deck connection hammer union. 1,000 Litres water onboard
Control System	All rig functions and gauges including pressure testing. All engine controls - Shut down in panel/telescopic mast locked indicator. 2 Emergency stops on rig, including remote emergency stop located at muster point. Emergency rig saver with remote control. PLC - Digital display monitors pump flow, core functions and prevents winch overwind. Integrated control of off board mud systems, BOP closing unit and catwalk
Standards	During the design and quotation stage for our products we work closely with our clients to understand their specific build standards and requirements. An indicative list is API 4F, API 9B, API 8C, AS3000, AS 1418, AS 4024
Safety Features	Crown and floor saver, auto lift weight capability reduction dependant on over centre angle, over lift capacity control, redundancy on PLC controls, auto shut out of setup functions when in winching mode.
Power Swivel	The XDR 350 is compatible with standard oil field equipment including Power Swivels and tubing tongs
Racking in Mast	The XDR 350 can rack in mast 8,000 feet of double length, range 2, 4 1/2" tubing.

Specifications

Rig Carrier

The rig carrier for the XDR 350 is the Tatra 10x10 or 12x12 820hp. The Tatra was chosen due to a number of unique specifications:

1. The CAT engine produces 820 HP and this is channeled through a PTO providing power to all operations on the XDR 350.
2. The thermo cooling pack allows the rig to operate stationary at full power, in 50 degree celsius ambient temperature.
3. The Tatra chassis is custom-built by Tatra for the XDR 350.
4. If required the XDR 350 allows for a total rig GVM up to 62,000kgs and fitted with off road tyres for rough terrain.

These technical specifications are based on theoretical engineering calculations. Actual capacity will depend on specific calculations and materials. Exploration Drill Rigs Pty Ltd reserves the right to change or make modification to designs and specifications without prior notice or obligation.



Manufactured in INDIA by:-
HYDCO Engineering Private Limited
 Survey no. 928/1 Near GEB Sub-station, Chhatral-Kadi Road, Chhatral,
 Gandhinagar, Gujarat: 382729, INDIA, Telephone - 02764-233270/71
 Contact : Rupesh J. Patel - Executive Director , Mobile # +917573048908
 Email: rjp@hydcoengineering.com Web: www.hydcoengineering.com

