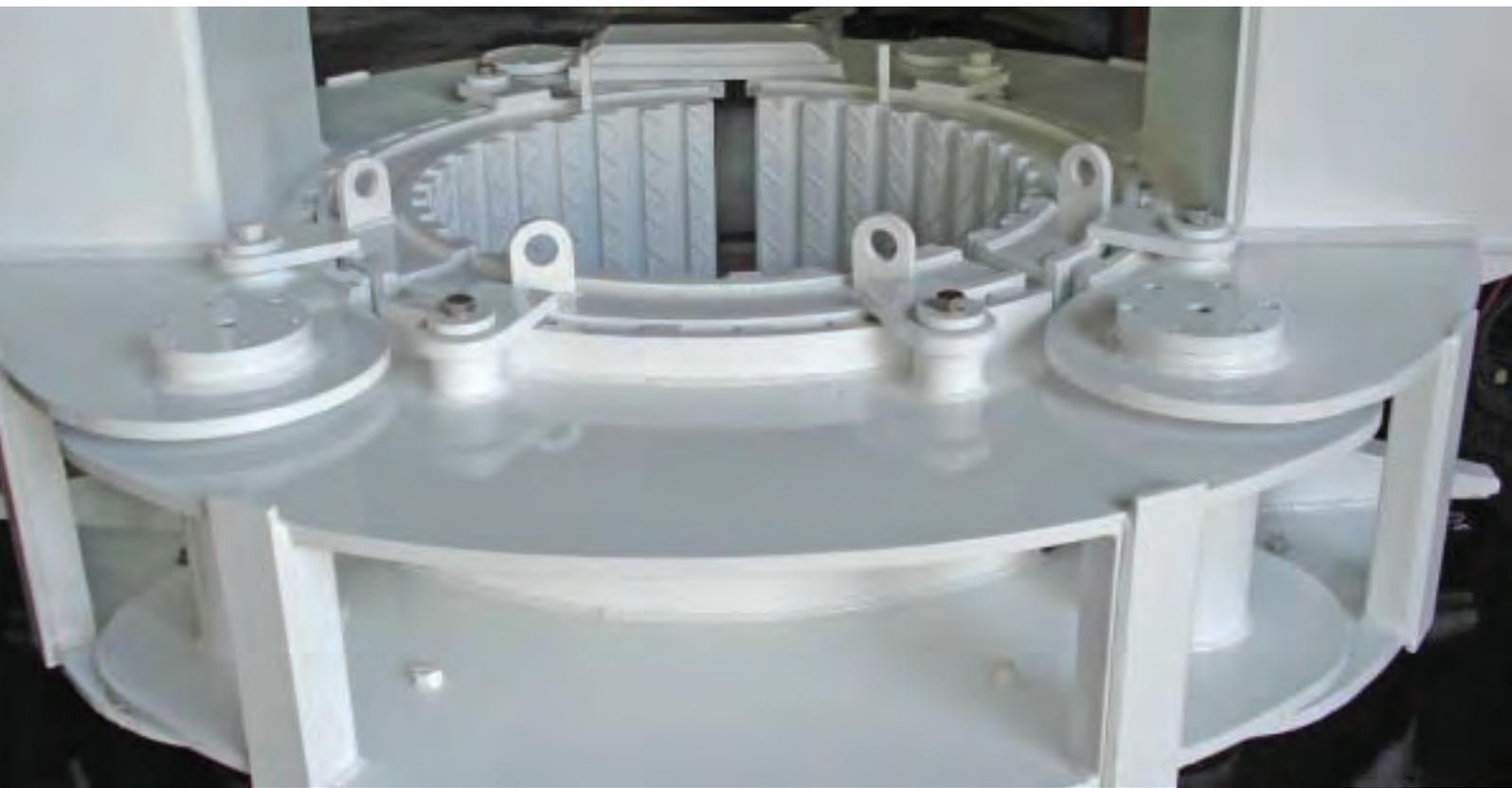


## XDR CE1000 (150 tonne) Casing Extractor



**XDR CASING/PILING JACK  
150 TONNE LIFTING FORCE  
47 TONNE CLAMPING FORCE**

**XDR**



## XDR - EXPLORATION DRILL RIGS

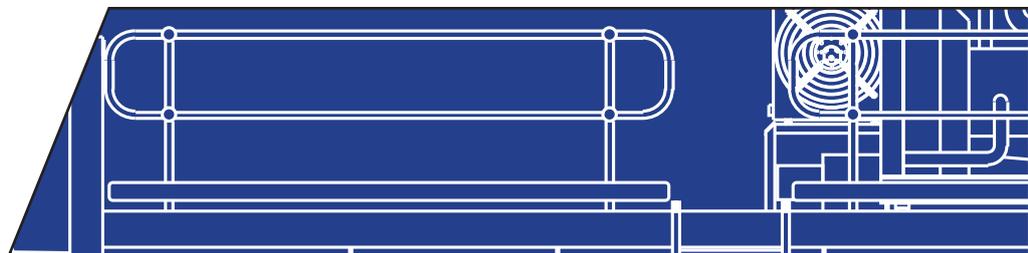
The XDR CE1000 (150 Tonne) Casing Extractor with the combination 2 Lift Cylinders, has the capability of lifting 150 Tonne load with a 1000mm cycle stroke. The design of the clamping system ensures a 47 Tonne positive grip on the casing before the lifting operation takes place.

The XDR CE1000 (150 Tonne) has proven itself as a reliable workhorse in the construction industry providing quick change over to the various casing sizes by simply inserting reducing jaws. Jaws are available in 3 sizes - 600, 800 and 1 meter-which is the actual jaw size.

### XDR - EXPLORATION DRILL RIGS

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**TECHNICAL DATA : 150 TONNE CASING EXTRACTOR / PILING PULLER****1. LIFTING CAPACITY 150 TONNES**

Two cylinders, 250mm in bore diameter each, combine to achieve the lifting force. The effective stroke length is 1000mm.

**2. CLAMPING FORCE 47 TONNES**

The clamping system is designed to ensure a positive grip on the casing before the lifting operations can take place. A hydraulic accumulator in combination with the load holding pilot check valve accommodates for any minor leakage in the hydraulic system during the clamping operation.

The electronic control system will not allow the lifting operation to commence without the required clamp pressure. There are override functions to allow for positional adjustments of the lift cylinders if clamp pressure is not adequate.

An additional safety feature of the control system will not allow the operator to release the clamp using the joystick alone, the clamp release override button on the control pendant must be engaged to release the clamp.

**3. CLAMP SIZES CE1000 (150 Tonne)**

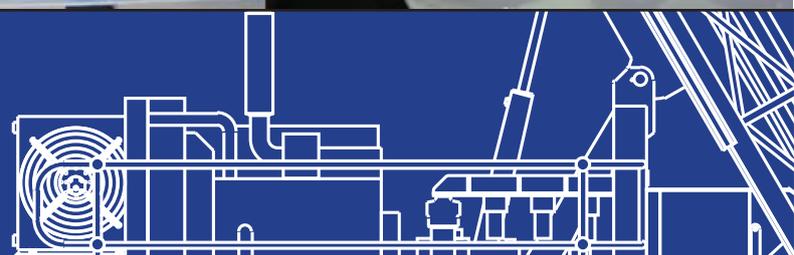
The XDR CE1000 can be used for 3 casing sizes, 1000mm (actual jaw size) 800mm and 600mm outer diameter.

To change the grip diameter, easy drop in reducer jaws are fitted, located and locked into place. The conversion between sizes takes only minutes.

**4. CLAMPING JAW CONSTRUCTION**

The clamp jaws are made from roll formed steel sections. The jaw design incorporates a three-piece hinge system for maximum contact around the casing diameter, all pins are hardened and ground for maximum strength and minimal deflection.

The jaw grips are hard faced steel ribs, designed to grip but not damage the casing.



XDR CE1000 (150 Tonne) CASING EXTRACTOR

**5. STANDARD HYDRAULIC SYSTEM**

PUMP	80cc Variable displacement load sensed, pressure compensated and horse power controlled
HYDRAULIC TANK	300lt
CONTROL VALVE	Amca Load sensed, pressure compensated Lift function electro-proportional Clamp function electro on-off
FILTRATION	10um STAUFF pressure filter 25um STAUFF return filter

**6. STANDARD ENGINE PACK**

ENGINE	JCB 320-50196 80Kw @ 2200 RPM
DIESEL TANK	100lt
COOLING	Conventional fluid radiator
EXHAUST	Vertical exhaust with rain cap and exhaust nappy
EMERGENCY STOPS	Two emergency stops in total. One on the engine control console and one on the operator's control pendant

**7. POWERPACK ENCLOSURE**

CONSTRUCTION	Fully welded frame Louvered ends for ventilation
LIFTING POINTS	Four point lift for crane hoisting and cut outs for forklift tongs.
TOTALLY LOCKABLE	Flush mount twist handle locks on each door

