

ENERGY DRILLING AUSTRALIA

Service Rig 2

C-Tech 70k Rapid Service Rig (Sn. RSR-6776)



ENERGY DRILLING AUSTRALIA – SR 2

C-Tech 70k RSR

EQUIPMENT LIST

Component	Description
Cab & Chassis	<p>Kenworth T800 - Australian Compliant, Mines compliant</p> <ul style="list-style-type: none"> • Engine: Cummins ISX EGR, 550 hp (580 hp max) • Twin Steer • Tandem Drive • Air Ride Suspension • Automatic Transmission • Fuel Storage – 833 liters
Truck Deck	<p>Sub frame 4x8 rectangular tubing construction mounted to truck frame</p> <ul style="list-style-type: none"> • Saddle plates at rear • Free floated at front c/w nylatron spacer • All mounts for injector, tanks, toolbox, picker & control panel welded to subframe <p>Toolboxes (5)</p> <ul style="list-style-type: none"> • Aluminum construction • Two (2) deck mounted, 1 upright (upright c/w drawers, tool pegs & seals) • 1 Toolbox width of deck mounted behind tubing <p>reel Decking, 3/16" Aluminum checker plate bolted to frame Rear bumper & skirt Chain hangers & mud flaps Junk box on passenger's side wih fold down front Lights & electrical mounts Control console mounted to driver's rear c/w aluminum cover Hose rack</p>
Mast	<p>1 Telescoping</p> <ul style="list-style-type: none"> • 74' (clear under crown to ground) vertical, 2 part telescoping • Ladder, block cradle, dead line anchor • Engineered and certified to 70,000# vertical, • Load lines c/w turnbuckles • Fall arrest - 108' Certified North FP3-333s • Fall arrest - Crown to Rod Basket • Electronic clamp style weight indicator (Midget) c/w 6" gauge mounted in panel • Free standing with telescoping outriggers • Rear Jacks c/w lock rings • Mast raising cylinders x 2 • Hydraulic actuated Mast locks
Crown	<ul style="list-style-type: none"> • Double 24" diameter Nylatron sheaves c/w pedestals & bearings • Grooved for 1" line • Deflector sheaves mounted with pins & cotter pins

Component	Description
Winches	C-Tech Planetary Draw Works c/w (Lebus grooving) 2 speed w Guard <ul style="list-style-type: none"> 70,000 # maximum hook load, 840 FT/Min High Gear 500' drill line (1" 6x626) Braden BG8 <ul style="list-style-type: none"> 175' of ½" line c/w tail chain & safety hook & snatch block c/w guard
Block	35 ton, single sheave
Pump	Gardner Denver TEE-F Triplex pump <ul style="list-style-type: none"> Directly driven, Hydrostatically by Hagglunds CA50/32 High pressure 5000 psi manifold\
Tank	TC406 <ul style="list-style-type: none"> 8,500 Ltr Capacity - 1 floats - drivers side Top Load - 16" manhole, 10" fill 3" Vent lines Top mount fold down handrails
Fluid Pump	Bowie cast housing, steel gears, bushing caps
High Pressure Manifold	Standard 5000 psi manifold <ul style="list-style-type: none"> Crystal Gauges Neutron valves (2) Swing check valves 2' piping with 1502 unions
Suction Piping	Low Pressure, Victaulic fittings & valves
BOP	Regan 3" BOP full port Type K w/bag
Work floor	<ul style="list-style-type: none"> Structural steel tubing construction (2" x 3") Diamond grip flooring Telescoping aluminium stairs with handrails
Control Console	Pressure gauge & weight indicator
Hydraulics	<ul style="list-style-type: none"> 250 gallon reservoir c/w temperature & level gauge High pressure filter Load sense valves Piston pumps Hydraulic heat exchanger All functions plumbed to control panel Gear pump to run rod tongs Independent pump for tong Tong pressure in panel face

Component	Description
Electrical	12v Electrical system including work lights <ul style="list-style-type: none"><li data-bbox="523 282 874 318">• Truck style deck lights (6)<li data-bbox="523 318 804 353">• Running lights, LED

