

TECHNICAL SPECIFICATIONS

Office: +27 15 101 1564 Address: 51 Silicon Street, Industria, Polokwane, Limpopo

DRILLMAXX 450

DIESEL TANK DIESEL TANK 50 L CONTROL PANEL. Standard control panel with valve banks and gauges HYDRAULIC SYSTEM Open loop 3 stage gear pump system Reduction gearbox type - Reduction 3.6·1, Max Torque 4250 Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5° API Thread. OUTRIGGERS 4 X Boxed hydraulic outrigers for rig stability Teed 3YSTEM Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables) TRAVERSE SPEED UP 0.260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic swing panel operators' station ROD TIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke Hydraulic casing clamp to handle 12-inch casing HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Hydraulic driven piston pump Hydraulic driven piston pump Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK AIR VALVE Hydraulic operated air valve		
CONTROL PANEL HYDRAULIC SYSTEM Open loop 3 stage gear pump system Reduction gearbox type - Reduction 3,6:1, Max Torque 4250 Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread. OUTRIGGERS 4 X Boxed hydraulic outriggers for rig stability Teed SYSTEM Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables) TRAVERSE SPEED UP O .260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg BOWK PULL RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Hydraulic driven piston pump CAROUSEL GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	DECK ENGINE	69Kw deck engine
HYDRAULIC SYSTEM Open loop 3 stage gear pump system TOP HEAD DRIVE / ROTATION HEAD Reduction gearbox type - Reduction 3,6:1, Max Torque 4250 Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread. OUTRIGGERS 4 X Boxed hydraulic outriggers for rig stability Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables) TRAVERSE SPEED UP 0.260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg BECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC MUD ROTATION PUMP Hydraulic osing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Hydraulic or manual rod carousel Guide rails on left and right side of rig Lights Overhead working lights WATER TANK 200 L	DIESEL TANK	50 L
TOP HEAD DRIVE / ROTATION HEAD Reduction gearbox type - Reduction 3,6:1, Max Torque 4250 Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread. OUTRIGGERS 4 X Boxed hydraulic outriggers for rig stability Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables) TRAVERSE SPEED UP 0.260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic or manual rod carousel Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	CONTROL PANEL	Standard control panel with valve banks and gauges
A250 Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread. OUTRIGGERS 4 X Boxed hydraulic outriggers for rig stability FEED SYSTEM Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables) TRAVERSE SPEED UP 0.260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg DOWN PULL 6 000Kg RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Hydraulic driven piston pump CAROUSEL GUIDE RAILS Guide rails on left and right side of rig Light's WATER TANK 200 L	HYDRAULIC SYSTEM	Open loop 3 stage gear pump system
Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables) TRAVERSE SPEED UP 0.260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg DOWN PULL 6 000Kg RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	TOP HEAD DRIVE / ROTATION HEAD	4250 Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull
cylinder (no chains or cables) TRAVERSE SPEED UP 0.260m/sec, rapid 0.380m/sec PULLBACK CAPACITY 16 000Kg 6 000Kg RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	OUTRIGGERS	4 X Boxed hydraulic outriggers for rig stability
PULLBACK CAPACITY DOWN PULL 6 000Kg RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig Overhead working lights WATER TANK 200 L	FEED SYSTEM	
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RECOMMENDED MAX DRILL DEPTH 450m MAST 9m tower with 6.7m stroke to handle up to 6m rods DRILL TABLE Opening of 330mm to handle up to 12" casing BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	PULLBACK CAPACITY	16 000Kg
MAST DRILL TABLE Opening of 330mm to handle up to 12" casing BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	DOWN PULL	6 000Kg
DRILL TABLE BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Hydraulic casing clamp to handle 12-inch casing HYDRAULIC CASING CLAMP Hydraulic driven piston pump WATER FOAM PUMP CAROUSEL GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	RECOMMENDED MAX DRILL DEPTH	450m
BREAKOUT SYSTEM Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option. WINCHES Hydraulic winch optional HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Hydraulic casing clamp to handle 12-inch casing HYDRAULIC CASING CLAMP Hydraulic asing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	MAST	9m tower with 6.7m stroke to handle up to 6m rods
hydraulic hands-free option. WINCHES HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner optional OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK	DRILL TABLE	Opening of 330mm to handle up to 12" casing
HYDRAULIC KEEPER SPANNER OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK	BREAKOUT SYSTEM	
OPTIONAL ACCESSORIES MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke CONTROL PANEL Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	WINCHES	Hydraulic winch optional
MAST SLIDE TRAVEL Dump mast optional with 1.9m or 2.7m stroke Hydraulic swing panel operators' station ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	HYDRAULIC KEEPER SPANNER	Hydraulic keeper spanner optional
GONTROL PANEL ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	OPTIONAL ACCESSORIES	
ROD BOXES ON TOWER Rod boxes mounted on left and right side of tower HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 12-inch casing Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	MAST SLIDE TRAVEL	Dump mast optional with 1.9m or 2.7m stroke
HYDRAULIC CASING CLAMP HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	CONTROL PANEL	Hydraulic swing panel operators' station
HYDRAULIC MUD ROTATION PUMP WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	ROD BOXES ON TOWER	Rod boxes mounted on left and right side of tower
WATER FOAM PUMP Hydraulic driven piston pump CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	HYDRAULIC CASING CLAMP	Hydraulic casing clamp to handle 12-inch casing
CAROUSEL Hydraulic or manual rod carousel GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	HYDRAULIC MUD ROTATION PUMP	Progressive Cavity Pump
GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights WATER TANK 200 L	WATER FOAM PUMP	Hydraulic driven piston pump
LIGHTS Overhead working lights WATER TANK 200 L	CAROUSEL	Hydraulic or manual rod carousel
WATER TANK 200 L	GUIDE RAILS	Guide rails on left and right side of rig
	LIGHTS	Overhead working lights
AIR VALVE Hydraulic operated air valve	WATER TANK	200 L
i la companya di mangantan di	AIR VALVE	Hydraulic operated air valve

Note: Specifications are subject to change without further notice.