

## TECHNICAL SPECIFICATIONS

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

## **DRILLMAXX 200 TRUCK MOUNTED**

DECK ENGINE  CONTROL PANEL  Standard control panel with valve banks and gauges  HYDRAULIC SYSTEM  Open loop 3 stage gear pump system  Reduction gearbox type - Reduction 3:1 Max Torque 3850Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread.  DIESEL TANK  50 L  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  0.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  DOWN PULL  5400 Kg  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  Sm tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  OVERHEAD  AIR VALVE  WATER TANK  200 L	DRILLWAXX 200	I RUCK MOUNTED
HYDRAULIC SYSTEM  TOP HEAD DRIVE / ROTATION HEAD  Reduction gearbox type - Reduction 3:1 Max Torque 3850Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread.  DIESEL TANK  50 L  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  0.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  DOWN PULL  5400 Kg  RECOMMENDED MAX DRILL DEPTH  MAST  Sm tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Wight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  HYDRAULIC KEEPER SPANNER  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	DECK ENGINE	33Kw deck engine
TOP HEAD DRIVE / ROTATION HEAD  Reduction gearbox type - Reduction 3:1 Max Torque 3850Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread.  DIESEL TANK  50 L  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  0.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  DOWN PULL  5400 Kg  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  Hydraulic Casing Clamp  Hydraulic casing clamp to handle 10-inch casing  Hydraulic MUD ROTATION PUMP  WINCHES  Hydraulic wide hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  AIR VALVE  Hydraulic operated air valve	CONTROL PANEL	Standard control panel with valve banks and gauges
Max Torque 3850Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread.  DIESEL TANK  50 L  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  0.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  DOWN PULL  5400 Kg  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LightTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	HYDRAULIC SYSTEM	Open loop 3 stage gear pump system
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  O.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  BOWN PULL  5400 Kg  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  Hydraulic winch  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE	TOP HEAD DRIVE / ROTATION HEAD	Max Torque 3850Nm, Rotation speed STD 35RPM
Tower & trolley design working with 1 direct hydraulic cylinder (no chains or cables)  TRAVERSE SPEED UP  0.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  DOWN PULL  5400 Kg  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  Hydraulic keeper spanner  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	DIESEL TANK	50 L
hydraulic cylinder (no chains or cables)  TRAVERSE SPEED UP  0.22m/sec, rapid 0.28m/sec  PULLBACK CAPACITY  9600 Kg  5400 Kg  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	OUTRIGGERS	4 X Boxed hydraulic outriggers for rig stability
PULLBACK CAPACITY  DOWN PULL  RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  MAST  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC GASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	FEED SYSTEM	
DOWN PULL  FECOMMENDED MAX DRILL DEPTH  DOWN @ 165mm  Som tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	TRAVERSE SPEED UP	0.22m/sec, rapid 0.28m/sec
RECOMMENDED MAX DRILL DEPTH  200 m @ 165mm  5m tower with 3.5m stroke to handle up to 3m rods  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  AIR VALVE  Hydraulic operated air valve	PULLBACK CAPACITY	9600 Kg
MAST  DRILL TABLE  Opening of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	DOWN PULL	5400 Kg
DRILL TABLE  DRILL TABLE  DOPENING of 330mm to handle up to 10" casing  BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	RECOMMENDED MAX DRILL DEPTH	200 m @ 165mm
BREAKOUT SYSTEM  Industry standard hydraulic assisted breaker spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	MAST	5m tower with 3.5m stroke to handle up to 3m rods
spanner or hydraulic hands-free option.  DIMENTIONS ON 5 TON TRUCK  Height: 3281mm Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL  Dump mast optional with 1.2m stroke  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	DRILL TABLE	Opening of 330mm to handle up to 10" casing
Width: 2200mm Length: 6745mm Weight: 7000kg  OPTIONAL ACCESSORIES  MAST SLIDE TRAVEL Dump mast optional with 1.2m stroke HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 10-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump WINCHES Hydraulic winch Hydraulic KEEPER SPANNER Hydraulic keeper spanner WATER FOAM PUMP Hydraulic driven piston pump GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights AIR VALVE Hydraulic operated air valve	BREAKOUT SYSTEM	
MAST SLIDE TRAVEL  HYDRAULIC CASING CLAMP  Hydraulic casing clamp to handle 10-inch casing  HYDRAULIC MUD ROTATION PUMP  Progressive Cavity Pump  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	DIMENTIONS ON 5 TON TRUCK	Width: 2200mm Length: 6745mm
HYDRAULIC CASING CLAMP Hydraulic casing clamp to handle 10-inch casing HYDRAULIC MUD ROTATION PUMP Progressive Cavity Pump Hydraulic winch HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner WATER FOAM PUMP Hydraulic driven piston pump GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights AIR VALVE Hydraulic operated air valve	OPTIONAL ACCESSORIES	
HYDRAULIC MUD ROTATION PUMP  WINCHES  Hydraulic winch  HYDRAULIC KEEPER SPANNER  Hydraulic keeper spanner  WATER FOAM PUMP  Hydraulic driven piston pump  GUIDE RAILS  Guide rails on left and right side of rig  LIGHTS  Overhead working lights  AIR VALVE  Hydraulic operated air valve	MAST SLIDE TRAVEL	Dump mast optional with 1.2m stroke
WINCHES Hydraulic winch HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner WATER FOAM PUMP Hydraulic driven piston pump GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights AIR VALVE Hydraulic operated air valve	HYDRAULIC CASING CLAMP	Hydraulic casing clamp to handle 10-inch casing
HYDRAULIC KEEPER SPANNER Hydraulic keeper spanner Hydraulic driven piston pump GUIDE RAILS Guide rails on left and right side of rig LIGHTS Overhead working lights AIR VALVE Hydraulic operated air valve	HYDRAULIC MUD ROTATION PUMP	Progressive Cavity Pump
WATER FOAM PUMP Hydraulic driven piston pump GUIDE RAILS Guide rails on left and right side of rig  LIGHTS Overhead working lights AIR VALVE Hydraulic operated air valve	WINCHES	Hydraulic winch
GUIDE RAILS  Guide rails on left and right side of rig  Overhead working lights  AIR VALVE  Hydraulic operated air valve	HYDRAULIC KEEPER SPANNER	Hydraulic keeper spanner
LIGHTS Overhead working lights  AIR VALVE Hydraulic operated air valve	WATER FOAM PUMP	Hydraulic driven piston pump
AIR VALVE Hydraulic operated air valve	GUIDE RAILS	Guide rails on left and right side of rig
, , ,	LIGHTS	Overhead working lights
WATER TANK 200 L	AIR VALVE	Hydraulic operated air valve
	WATER TANK	200 L

Note: Specifications are subject to change without further notice.



## TECHNICAL SPECIFICATIONS

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## **DRILLMAXX 200 TRUCK MOUNTED**

