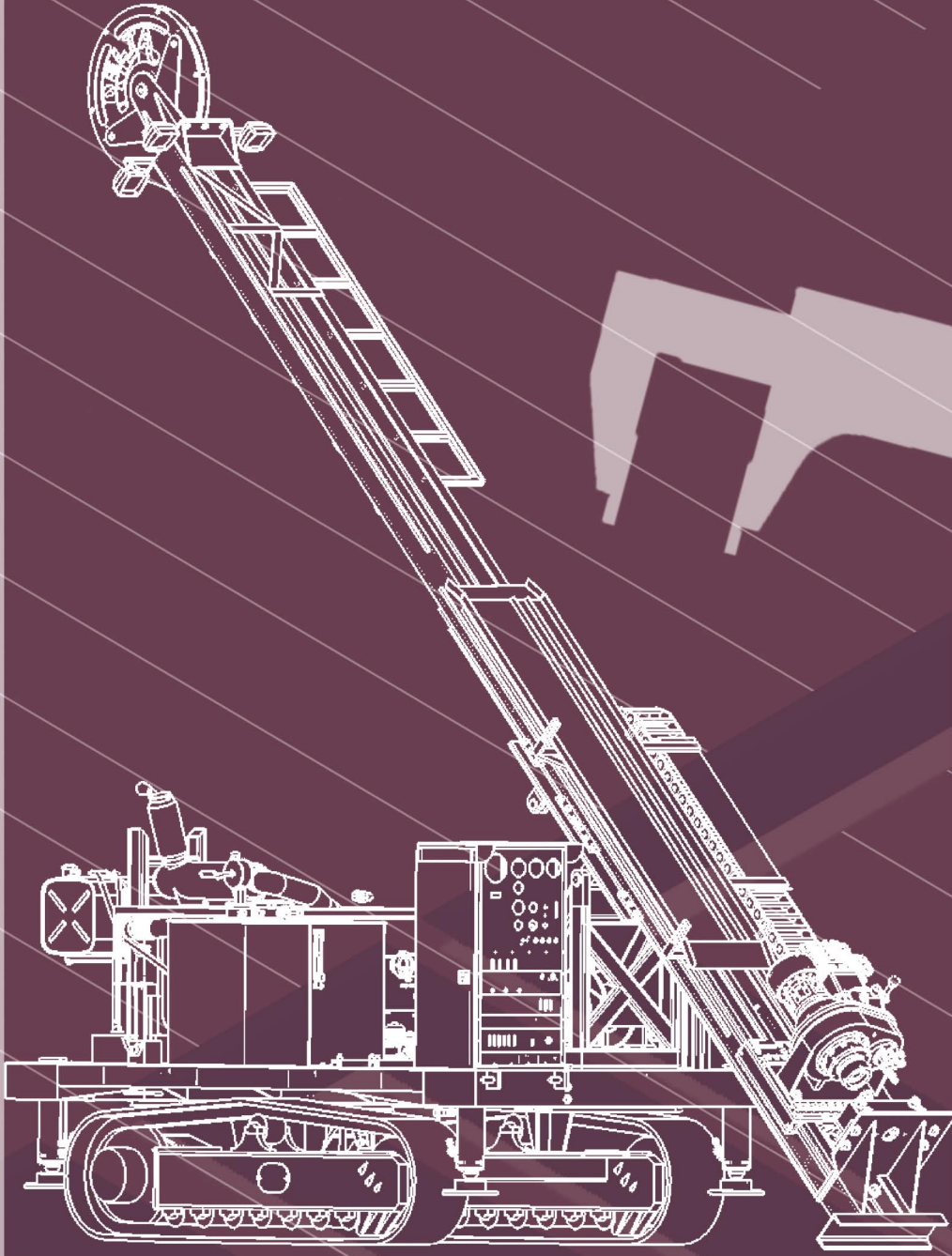




DELTA MAKINA



**DELTA DRILL
D-220
CORE DRILL RIG**





D-220 CORE DRILL RIG

POWER UNITS:

Manufacture: Cummins

Model: 6 CTA 8.3L Water Cooled, Turbo Charged, Diesel

Rpm: 2200 rpm

Power: 194 kw (260 hp)

MAST AND FEED SYSTEM:

Mast Structure: Fixed

Feed Travel: 3,4 m

Pull Up: 22.000 kg

Pull Down: 11.000 kg

Drilling Angle: 90' - 45'

Mast Type: Dump

Mast Sliding: 1,50 m

Rod Pull Length: 6,0 m



D-220 CORE DRILL RIG

MAIN HOIST:

Single Line Capacity: 12.000 kg

Line Speed: Bare Drum: 37 m/min
Full Drum: 42 m/min

Rope Size: 16 mm / 30 m

WIRELINE WINCH:

Single Line Capacity: Bare Line: 2500 kg
Full Line: 680 kg

Line Speed: Bare Drum: 95 m/min
Full Drum: 380 m/min

Rope Size: 5 mm X 2000 mm

ROTATION UNIT:

Spindle Diameter: 117 mm

Side Shift: 300 mm

Power: Rexroth Hydraulic Motor
Variable / Reversible

Mechanical Transmission Ratios: 1st: 6,27
2nd: 3,12
3rd: 1,75
4th: 1,00

Final Drive: Straight Cut Gears



D-220 CORE DRILL RIG

DEPTH CAPACITY (wireline):

BQ: 2500 m

NQ: 1850 m

HQ: 1250 m

PQ: 650 m

MOUNTING:

Type: Crawler

Support: 4 Hydraulic Jacs

Speed: 3 km/hr

Gradeability: 75 %

Movement: Control By Sperate Hydraulic Panel

DIMENSIONS & WEIGHT:

Frame Width: 230 cm

Frame Length: 400 cm

Height(including mast&rotation unit): 290 cm

Weight: 13.500 kg



D-220 CORE DRILL RIG

MUD PUMP:

Type: *Triplex Hydraulic Driven*

Capacity: *140 lt/min*

Pressure: *70 Bar Max.*

TORQUE & RPM RATINGS:

(@2400 rpm of prime mover @ 250 bars, max&min displacement)

| | RPM | NM |
|-----------------------------|-------------------|--------------------|
| 1ST Gear: | <i>130 - 210</i> | <i>6235 - 3670</i> |
| 2ND Gear: | <i>254 - 416</i> | <i>3100 - 1895</i> |
| 3RD Gear: | <i>455 - 742</i> | <i>1740 - 1065</i> |
| 4TH Gear: | <i>795 - 1300</i> | <i>994 - 608</i> |

HYDRAULIC CHUCK:

Max: *PQ Size*

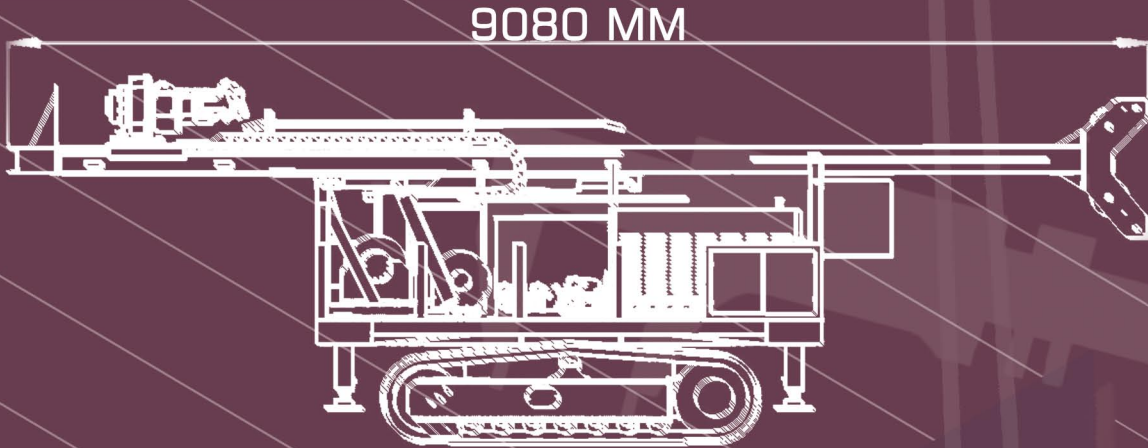
Type: *Hydraulic Open, Spring Closed*

Max. Holding Capacity: *21.000 kg*



D-220 CORE DRILL RIG

SIDE VIEW: (IN TRANSPORT POSITION)



TOP VIEW:



FRONT VIEW:

