



DTH DRILL

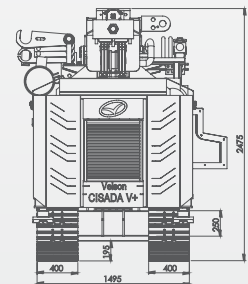
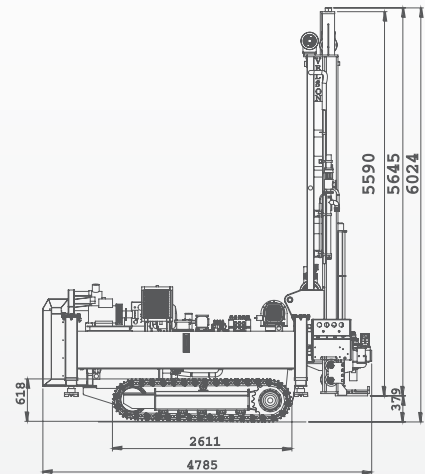
CISADA V+



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Technical Specification

Application	3"to 8" borehole to a depth of 350 mtr DTH drill
Prime Mover	PRIME MOVER Crawler Mounted Rig with Power from Deck Engine 180HP @ 2400 RPM
MAX. Torque	660 NM @ 1200-1900 RPM
Fuel Tank Capacity	120 Liters
Turning Radius	0° Degree
Travel Speed	2.5 Km/hr
Travel Grade-ability	35° Degree
Drilling Rod Diameter	90 mm to 115 mm
Rod Brake Out	Hydraulic Single Cylinder Braking System
MAST	Standard Mast, Box Type Structure, Height -5.7 mtr(18.7 ft) Rod Handling Capacity - 3.04 mtr(10 ft)
Rotary Head	Rotary Head powered by one Hydraulic Orbit Motor Max Torque – 3.8KN Max Speed – 145 RPM
Rotary Head Travel Length	3600 mm
Feed System	Hydraulic Cylinder Driven Steel Rope System
Pull UP & Pull DOWN	MAX Pull up Force – 12750 kg's MAX Pull up Speed – 32 mtr/min MAX Pull down Force – 8200 kg's MAX Pull down Speed – 50 mtr/min
PTO	PTO Gear coupled with Engine
Hydraulic System Implement Circuit	200 kg/cm ² /(2850 psi)
Pilot Circuit	25 kg/cm ²
Hydraulic Main Pump Flow Capacity	190 Lpm at 1700 Rpm
Hydraulic Tank Volume	130 Gallon
Hydraulic Oil Cooler	120 Lpm Fin Type Cooler with Hydraulic Fan
Stabilizer Jack's	Four Hydraulic Jack with Box Type Guide
Machine Area Dimensions	Length – 6200 mm Width – 1550 mm Height – 2100 mm
Total Machine Weight	7900 kg's Approx.
Operating Panel Type	Pilot Operated



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