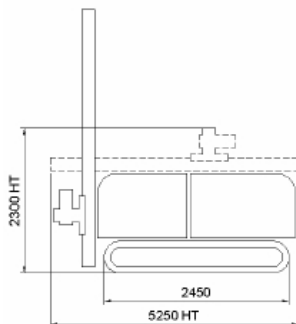


FORDIA®

INOVA

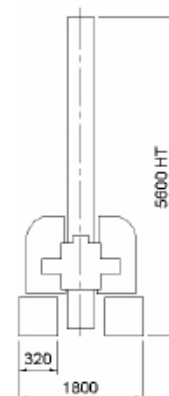


- Designed for geotechnical investigation, geothermal or water well drilling
- Rotary head with triple hydraulic motor
- Double threading injection swivel
- CE certified



Dimensions on displacement position

Length: 5,250 mm (17.22 ft)
Width: 1,800 mm (5.90 ft)
Height: 2,300 mm (7.54 ft)



Dimensions on working position

Length: 5,250 mm (17.22 ft)
Width: 1,800 mm (5.90 ft)
Height: 5,600 mm (18.37 ft)

The **INOVA** from Fordia is a versatile and powerful drilling rig designed for geotechnical investigation, geothermal or water well drilling.

Powered by a 105 HP diesel engine, it comes with a rotary head equipped with a triple hydraulic engine and a powerful percussion hammer, making this a high performance product that is ideal for demanding applications.

Able to drill diameters up to 315 mm, the standard version of the INOVA is equipped with a double rod clamp and a hydraulic feed system.

The hydraulic feed cylinder provides a 4,000 kg push-down thrust and a 7,000 kg pull-back force.

Its injection swivel is threaded in both right (male) and left (female) directions so that all types of rods and drilling techniques can be used. The rotation head can also be shifted hydraulically to allow operators to manipulate the winch.

The INOVA is CE certified and equipped with safeties to provide safe operation.

WEIGHT

	METRIC	IMPERIAL
TOTAL (DEPENDING ON OPTIONS)	6,600 to 7,600 kg	14,550 to 16,755 lb

CHASSIS

DESCRIPTION
Mechanically welded steel skid
4 hydraulic stabilization jacks

MAST

	DESCRIPTION
LENGTH	5,600 mm
FEED	Hydraulic cylinder and chains
PULL-BACK CAPACITY	7,000 kg (15,432 lb)
PUSH-DOWN THRUST	4,000 kg (8,818 lb)
DRILLING DIAMETER	315 mm max.
MAST HYDRAULIC TRANSLATION	600 mm

ROTATION HEAD

	DESCRIPTION
HYDRAULIC MOTORS	Danfoss (3x)
MAX. TORQUE	0 to 580 daNm
MAX. ROTATION SPEED	0 to 670 rpm
PERCUSSION FORCE	240 joules/blow
PERCUSSION FREQUENCY	1,200 bpm
INJECTION SWIVEL	Air/water
THREADS	Male 2"3/8 IF and Female R38
ROD CLAMP	Double - 315 mm

TRACK

	DESCRIPTION
TRACK	Remote radio controlled - Fixed width
WIDTH	1 800 mm

POWER PACK

	DESCRIPTION
DEUTZ DIESEL ENGINE	105 HP
FUEL TANK	60 L
OIL TANK	270 L
PUMP	Variable capacity
DISTRIBUTORS	Danfoss PVG 32

OPTIONS

	DESCRIPTION
WATER INJECTION PUMP	200 L/min - 40 bars
WINCH	Manipulation and WL
ROTATION HEAD	Torque: 800 daNm
EXTRACTION JACK	Mast foot extraction jack 10 tons capacity
OTHER	Remote radio

