

Nordmeyer
GEOTOOL

SOIL INVESTIGATION RIG GTR 790

FULLY HYDRAULIC ON
CRAWLER CHASSIS



- INFORMATION STANDARD RIG

SOIL INVESTIGATION RIG GTR 790

FULLY HYDRAULIC ON
CRAWLER CHASSIS

item number: 700111



- motor Honda GX 390 with e-start and 12-V gel-battery, electric oil-cooler, operation-hour counter and 12-V socket
- air cooled 1 cylinder 4-stroke combustion engine, capacity 389 cm³, power 8.7 kW (11.7 PS) at 3,600 rpm, max. torque 26.5 Nm, volume tank 6.1 liter, gasoline consumption 3.5 l/h, oil capacity 1.1 liter
- drop weight SPT with 10 kg basic drop weight and 20 kg + 20 kg + 13,5 kg additional weights, drop heights 500 mm or 750 mm
- bench vice for rods and tools
- folding mast, laterally adjustable, all functions fully hydraulic, water level indicator, rod guide at mast bottom
- mechanical blow counter
- bracket for hydraulic jack and clamps, box for rods, table for tooling
- foldaway rack for rods at one side of the rig
- tow coupling and LED spotlight

DIMENSIONS

- Width: 790 mm
 Length: 2,400 mm in transport position
 Height: 1,400 mm in transport position
- Mast height: 2,900 mm in working position
 Weight: 780 kg (w/o drop weight and tooling)



ACCESSORIES / EQUIPMENT & OPTIONS

ROD EXTRACTION JACKS



Extraction Jack 100/10

- double cylinder extraction unit
- inner diameter 100 mm
- lifting force 10 t

item number: 311419

Extraction Jack 120/15

- double cylinder extraction unit
- inner diameter 120 mm
- lifting force 15 t

item number: 312018

Extraction Jack 120/15 open

- triple cylinder extraction unit
- inner diameter 120 mm
- lifting force 15 t

item number: 311166

HYDRAULIC BREAKERS



GeoRam 250

- weight 25 kg
- 1,500 blows/min.
- 20 liter/min. @ 120 bar
- single blow energy 95 Joule
- for window sampling
- for direct-Push (DRB)

item number: 311053

DROP WEIGHT 128 KG



Drop Weight AFNOR A 128 kg

- drop height 750 mm
- weight levels 32 kg / 64 kg / 96 kg / 128 kg
- for undisturbed sampling (RAMBO)

item number: 311053

DIAMOND CORING DEVICE



Diamond Coring Device

- diameter up to 150 mm
- water swivel included
- for sealed areas e.g. asphalt, concrete or stone

item number: 311042

ROTARY DRIVE HEAD



Rotary Drive Head

- torque 1,350 Nm according to DIN 16228 with safety shutdown incl. half shell auger guide
- for endless auger drilling
- for hollow-stem auger up to 127 mm OD

item number: 311017

● FURTHER OPTIONS

SPECIAL EQUIPMENT

AUTOREVERSE VALVE

- automatic valve for rod pulling for rod extraction

item number: 700701

FOLDAWAY CANTILEVER ARM

- 150 kg lifting force to facilitate tool change

item number: 311997

ELECTRIC WINCH WITH REMOTE CONTROL

- electric winch operated by remote control box
- only in conjunction with cantilever arm (item no. 311997)

item number: 311789

HYDRAULIC WINCH

- accessed by an own hydraulic valve
- just available with cantilever (item number: 311997)

item number: 311048

DROP WEIGHT DIN 50 KG (10 KG + 20 KG + 20 KG)

- instead of SPT drop weight
- chain with 4 carrier blocks for higher blow rate
- w/o surcharge

item number: 341101

OPTION "EXTENDED MAST"

- pole enlargement for the use of 2,000 mm window sampler

item number: 310008

SAFETY BASKET FOR DROP WEIGHT

- with quick coupling system

item number: 336036

DIESEL ENGINE

- instead of combustion engine
- customized solutions possible

item number: 341111

ADJUSTABLE CRAWLER TRACK WIDTH

- operated by own hydraulic valve

item number: 311068

BIODEGRADABLE HYDRAULIC FLUID

- for environmental areas

item number: 311811

LATERAL ROD BOXES

- for 2,000 mm window sampler, component parts and tools

item number: 726358

BRACKET FOR HYDRAULIC BREAKER

- storage of the hydraulic breaker on the machine

item number: 726357

RADIO REMOTE CONTROL

- for the driving function

item number: 311567

ADDITIONAL BOXES FOR TOOLING

- tailor-made to your needs - please inquire

▶ CONTACT



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