



# GM 65 GT

## Multi-purpose, mid-size soil investigation rig for all major geotechnical and environmental drillings

- small ground water pipes
- sampling
- casing pipe drilling
- weight sounding, SPT, CPT and CPT-U
- exploratory drilling
- vane test



### Dimensions:

- weight: 2400 - 2600 kg without rods
- length: 3800 mm, transport condition
- width: 1600 mm
- height: 1900 mm, transport condition
- ground clearance: 280 mm

### Undercarriage and power pack:

- steel reinforced, rubber- fabric tracks, hydraulic tightening, width 300 mm or 400 mm
- 6 wheels, one track pair, 2 driving motors-brakes, max travelling speed 5 km/h
- fuel and hydraulic tanks, 50 and 75 lit.
- diesel engine: 45 - 50 kW to power two hydraulic pumps
- rod magazines, working lights, fire protection

### Mast:

- feed: hydraulic cylinder and chain
- stroke: 2400 mm
- pull down force: 40 kN
- pull up force: 70 kN
- two spindle: hammer and drilling, hydraulic change over table
- mast displacement: 600 mm
- clamp: single or double for rods and pipes
- mast tilting: sideways +/-10 dec., back and front 10 dec. and 80 dec.

### Rotary heads:

- geotechnical (optio 1): speed range: 0-90 rpm / Max. torque: 1900 Nm
- geotechnical (optio 2): speed range: 0-85 rpm / Max. torque: 2800 Nm
- hammer: Soosan SB20 or similar

### Main standard and optional items:

- chuck for 22-45 or 32-56 mm rods
- hydr. water pump 50 l / 50 bar
- el. winch, pulling force 40 kN
- hydraulic support legs
- radio control for driving, winch, drilling
- data logger
- sensors, detectors, recorders for all investigations
- SPT unit, rods, bits, pipes
- hydr. compressor 400 l / 7 bar
- hydr. bulldozer blade
- anchoring device
- integrated drilling command panel
- locked tool box
- GPS for rig precise locations