



GEOTECHNICAL AND GEOLOGICAL DRILL RIGS: SPECIFICATIONS

Dimensios	GM50GT	GM65GT	GM75	GM85	GM100	GM200	GM8
Weight (based on options)	c. 2 ton	c. 3 ton	c. 4,5 ton	c. 5,5 ton	c. 8 ton	c. 9 ton	c. 10 ton
Length	270 cm	355 cm	400 cm	430 cm	580 cm	610 cm	685 cm
Width	130 cm	160 cm	186 cm	210 cm	210 cm	240 cm	215 cm
Height	176,5 cm	210 cm	212 cm	225 cm	250 cm	265 cm	230 cm
Ground clearance	280 mm	280 mm	330 mm	400 mm	480 mm	480 mm	700 mm

Carriage and Power Pack	GM50GT	GM65GT	GM75	GM85	GM100	GM200	GM8
Engine type	Kubota	Kubota	Iveco / Perkins	Cummins	Cummins	Cummins	Cummins
Engine power	28 kW	55,4 kW	65/100 kW	119 kW	119 kW	119/140 kW	140 kW
Hydraulic pumps	1 pcs	2 pcs	2 pcs	3 pcs	2 / 3 pcs	3 pcs	3 pcs
Driving motors	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	8 pcs
Wheels	4 pcs	6 pcs (one track pair)	8 pcs (2 track pairs)	8 pcs (2 track pairs)	8 pcs (2 track pairs)	8 pcs (2 track pairs)	8 rubber wheels
Track width	300 mm	300/400 mm	300/400 mm	300/400 mm	400 mm	400 mm	500/50 R17
Fuel tank	50 litres	50 litres	120 litres	210 litres	200 litres	200 litres	340 litres
Hydraulic tank	50 litres	75 litres	120 litres	300 litres	280 litres	280 litres	340 litres
Travelling speed	4 km/h	5 km/h	5 km/h	5 km/h	6 km/h	6 km/h	5 km/h

Standard equipment	GM50GT	GM65GT	GM75	GM85	GM100	GM200	GM8
Control system	Danfoss	Danfoss / IQAN	Danfoss / IQAN	Danfoss / IQAN	Danfoss / IQAN	Danfoss / IQAN	Danfoss / IQAN
Boom	Light Duty Direct Cylinder (LD)	Medium Duty Direct Cylinder (MD) Medium Duty Chain Cylinder (MC)	Medium Duty Direct Cylinder (MD) Medium Duty Chain Cylinder (MC) Medium Duty Dual Mast (MDM)	Medium Duty Direct Cylinder (MD) Medium Duty Chain Cylinder (MC) Medium Duty Dual Mast (MDM)	Hard Duty Direct Cylinder (HD) Hard Duty Chain Cylinder (HC) Medium Duty Dual Mast (MDM)	Hard Duty Direct Cylinder (HD) Hard Duty Chain Cylinder (HC) Medium Duty Dual Mast (MDM)	Direct Cylinder (MD/HD) Chain Cylinder (MC/HC) Dual-mast (MD)
Rotation unit	V-300	V-300	V-300 / V-500 / Diamond Coring / Top Drive	V-300 / V-500 / V-700 / Diamond Coring / Top Drive	V-500 / V-700 / Diamond Coring / Top Drive	V-500 / V-700 / Diamond Coring / Top Drive	V-300 / V-500 / V-700 / Diamond Coring / Top Drive
Compressor		400 lpm / 7 Bar	2,5 m3 / 7 Bar	5,0 m3 / 7 Bar	5,0 m3 / 7 Bar	5,0 m3 / 7 Bar	5,0 m3 / 7 Bar
Water pump	50 Bar / 50 L/min	50 Bar / 50 L/min	50 Bar / 50 L/min	90 Bar / 60-142 L/min	90 Bar / 60-142 L/min	90 Bar / 60-142 L/min	90 Bar / 60-142 L/min
Winch	Electric	Electric / Hydraulic	Electric / Hydraulic	Electric / Hydraulic	Electric / Hydraulic	Electric / Hydraulic	Electric / Hydraulic
Motor heater	Electric 220 V / Eberspächer	Electric 220 V / Eberspächer	Electric 220 V / Eberspächer	Electric 220 V / Eberspächer	Electric 220 V / Eberspächer	Electric 220 V / Eberspächer	Electric 220 V / Eberspächer
Additional radio for mast movements	For Danfoss control	For Danfoss control	For Danfoss control	For Danfoss control	For Danfoss control	For Danfoss control	For Danfoss control
Hydraulic rod magazine		●	●	●	●	●	●
Additional led lights	●	●	●	●	●	●	●
Spray rinse system			●	●	●	●	●
Mast automatic erection		With IQAN	With IQAN	With IQAN	With IQAN	With IQAN	With IQAN
Mast anchoring without threaded rods	●	●	●	●	●	●	●
Bulldozer blade	●	●	●	●	●	●	●
Flow meter for drilling		●	●	●	●	●	●

Attachments	GM50GT	GM65GT	GM75	GM85	GM100	GM200	GM8
Hybrid			●	●	●	●	●
Datalogging equipment	GM Tracker / Rufco / Envi / Geotec	GM Tracker / Rufco / Envi / Geotec	GM Tracker / Rufco / Envi / Geotec	GM Tracker / Rufco / Envi / Geotec	GM Tracker / Rufco / Envi / Geotec	GM Tracker / Rufco / Envi / Geotec	GM Tracker / Rufco / Envi / Geotec
SPT unit	●	●	●	●	●	●	●
CPTu equipment	Geomill / Envi	Geomill / Envi	Geomill / Envi	Geomill / Envi	Geomill / Envi	Geomill / Envi	Geomill / Envi
Field vane testing equipment	●	●	●	●	●	●	●
Hydraulic grinder	●	●	●	●	●	●	●
Winter tracks, 400 mm wide			●	●			
Chain to one wheel							●
Tracks on two wheels							●