

JK309



Quieter Rig – ideal for drilling in built up areas for the drilling of deep cored boreholes

(Mitsubishi) AZ38JF	DIMENSION
A HEIGHT FOR WORK (mast vertical, ground surface horizontal – add up to 1m for slopes up to 1:10 or 6 deg)	5.8m
B HEIGHT FOR TRAVEL ON SITE (mast horizontal)	2.4m
C HEIGHT FOR TRAVEL ON ROAD (mast horizontal, including truck)	3.5m
D WIDTH FOR TRAVEL ON SITE (see note below regarding safe work) *	2.4m
E RIG LENGTH FOR TRAVEL ON SITE (mast horizontal)	5.7m
F LENGTH OF TRUCK	9.8m
G WORKING RIG LENGTH (mast vertical) **	3.5m
SUITABLE UP TO DEPTH ***	80m
WEIGHT OF RIG ON SITE	6.0t with equipment
REGISTERED VEHICLE WEIGHT (TARE)	7.7t
MAX WEIGHT ON ROAD (GVM)	14.1t
SAFE WORKING WIDTH	4.0m
LENGTH OF TRUCK WITH RAMPS DOWN	12.3m
LENGTH OF RAMPS	2.4m
LENGTH OF TRUCK WITH RAMPS DOWN AND RIG UNLOADING PLUS 1m TO LIFT RAMPS UP	18.0m

Notes

* Room to move around equipment for safe operation is required. Additional 2m required if recirculation of drilling mud is required when coring.

** Space is required for equipment handling during operation. Note also that length required for unloading = travel length + rig length + ramp length.

*** May require support truck for equipment in excess of standard equipment load.

- Solid flight augering
- Standard Penetration Test (SPT)
- Undisturbed tube sampling
- Diamond Coring (NMLC and HQ sizes)
- Down hole hammer and casing advancer systems
- Wash boring and mud drilling
- Single stage packer testing
- Installation of groundwater monitoring wells
- Installation of inclinometer casing
- Borehole vane shear test equipment for measuring the undrained shear strength of soft clays to depths in excess of 11m is available