METRO PILING GROUP

KLMM KR 709

THE KR 709 DRILLING RIG IS SUITABLE FOR SFA AND CFA APPLICATIONS.
SFA = SEGMENTED FLIGHT AUGER,
CFA = CONTINOUOS FLIGHT AUGER.

THE POWERFUL DRILLING RIG WITH VERTICAL DRILL MAST ORIENTATION FOR IN-SITU CONCRET PILES AND H-BEAM PRE-DRILLING, HIGH-PRESSURE INJECTIONS AND SIMILAR TASKS IN SPECIAL FOUNDATION WORK.

METRO PILING GROUP

contact our team for more information on the KLEMM KR 709 and to discuss whether it's the most suitable rig for your project. All dimensions are subject to machine configuration.

TECHNICAL DATA

OPERATION DETAILS

ENGINE	
Diesel Engine	DEUTZ TCD 2013 L04 2V
Certified (with DPF)	EURO COM 3/EPA Tier 3
Rated Output	129KW
Fuel Tank Capacity	240ltrs

CRAWLER BASE	
Tractive Force (max)	100kN
Crawler Speed	2,55km/h
2-rib Grouser Plates	500mm
Overall Width	2400mm
Ground Pressure	4,7 N/cm2
Length of Crawler Units	3350mm
Length (Axle to Axle)	2765mm
Ground Clearance	320mm

DRILL MAST	
Total Length	8800mm
Feed Length	6350mm
Feed Force	130kN
Retraction Force	130/150kN

EMISSIONS	
CO	0,599 g/kWh
HC+NOx	3,673 g/kWh
Particulates	0,117 g/kWh

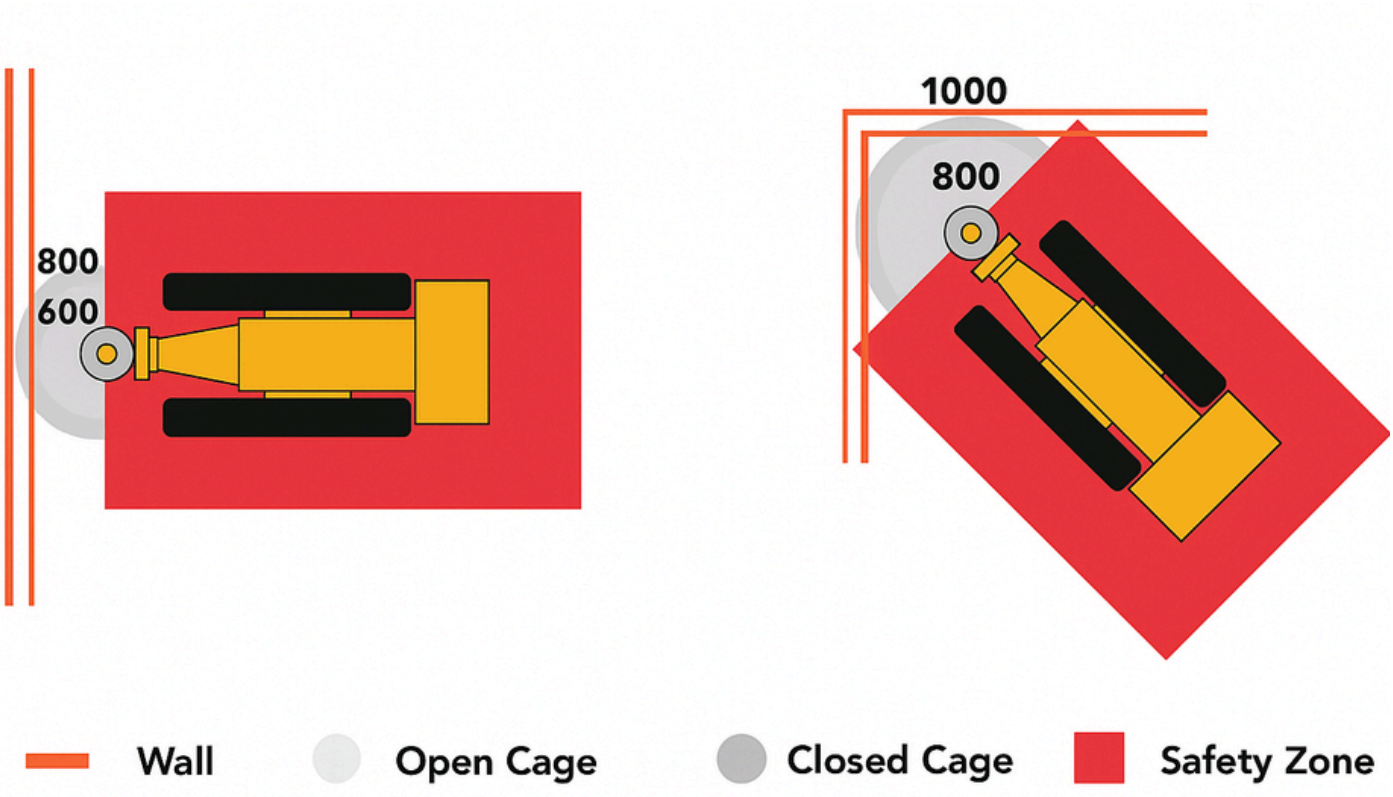
WEIGHT	
with drill mast 203/13 and KH 43/KH 48	14t

SOUND LEVEL Db(A)		
Noise	**Idle**	**Max Rev**
2m	74	86
4m	72	84
10m	68	74

TRANSPORT DIMMENSION	
Length	5240mm
Width	2400mm
Height	2935mm

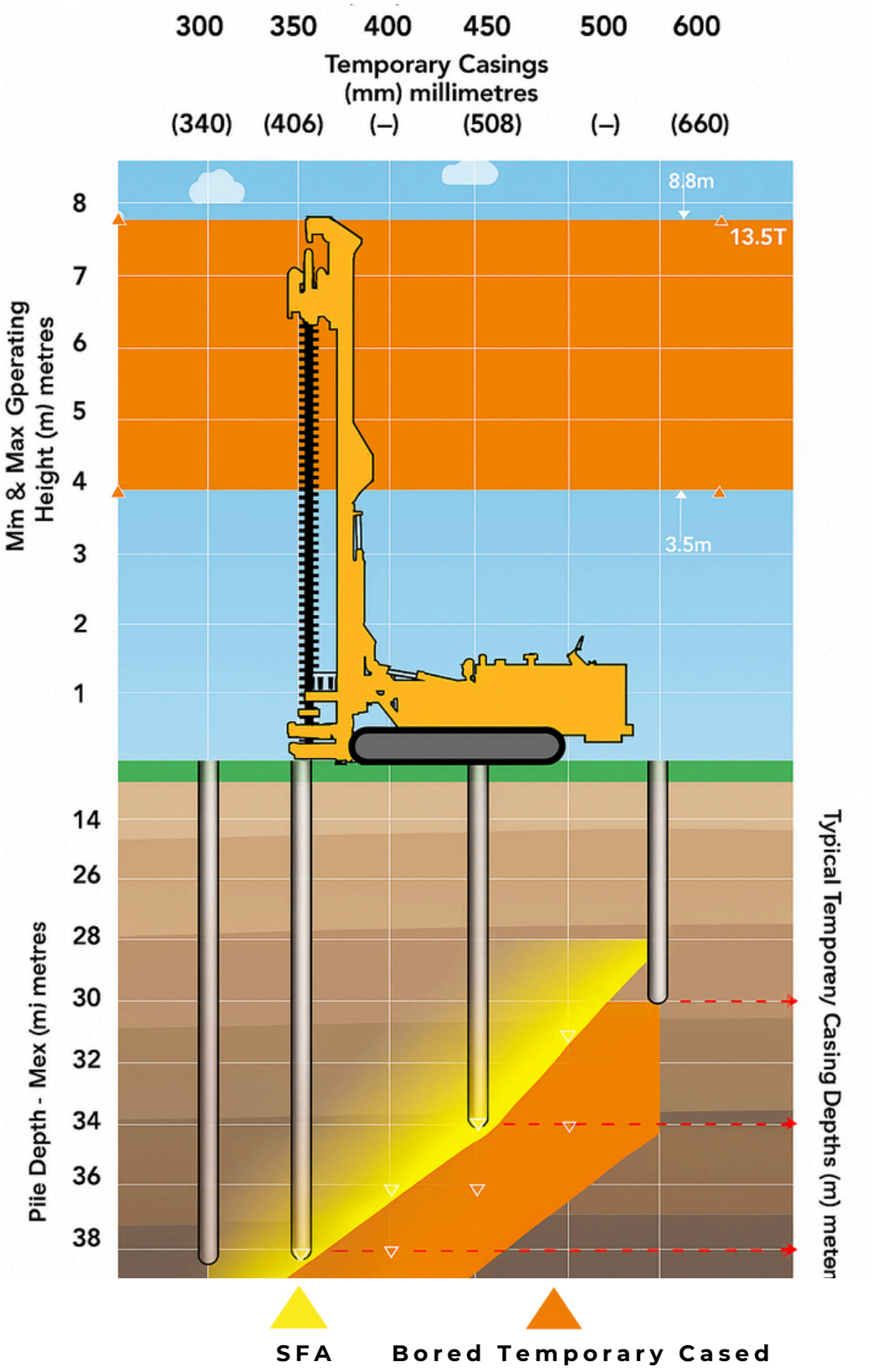
LOADING DETAILS				
Mode	BRE Load Case	Length (m)	Width (m)	Pressure (kPa)
Standing	1	2.13	0.5	60
Travelling	1	2.13	0.5	60
Handling	1	2.13	0.5	60
Peneterating	2	1.98	0.5	52
Extracting	2	1.51	0.5	137

Maximum Distance from face of the all to centre of pile



Much tighter tolerance can be achieved than indicated above, as tight as 100mm from the face of a pile to an existing wall subject to access and piling orientation. please call us for job specific requirements.

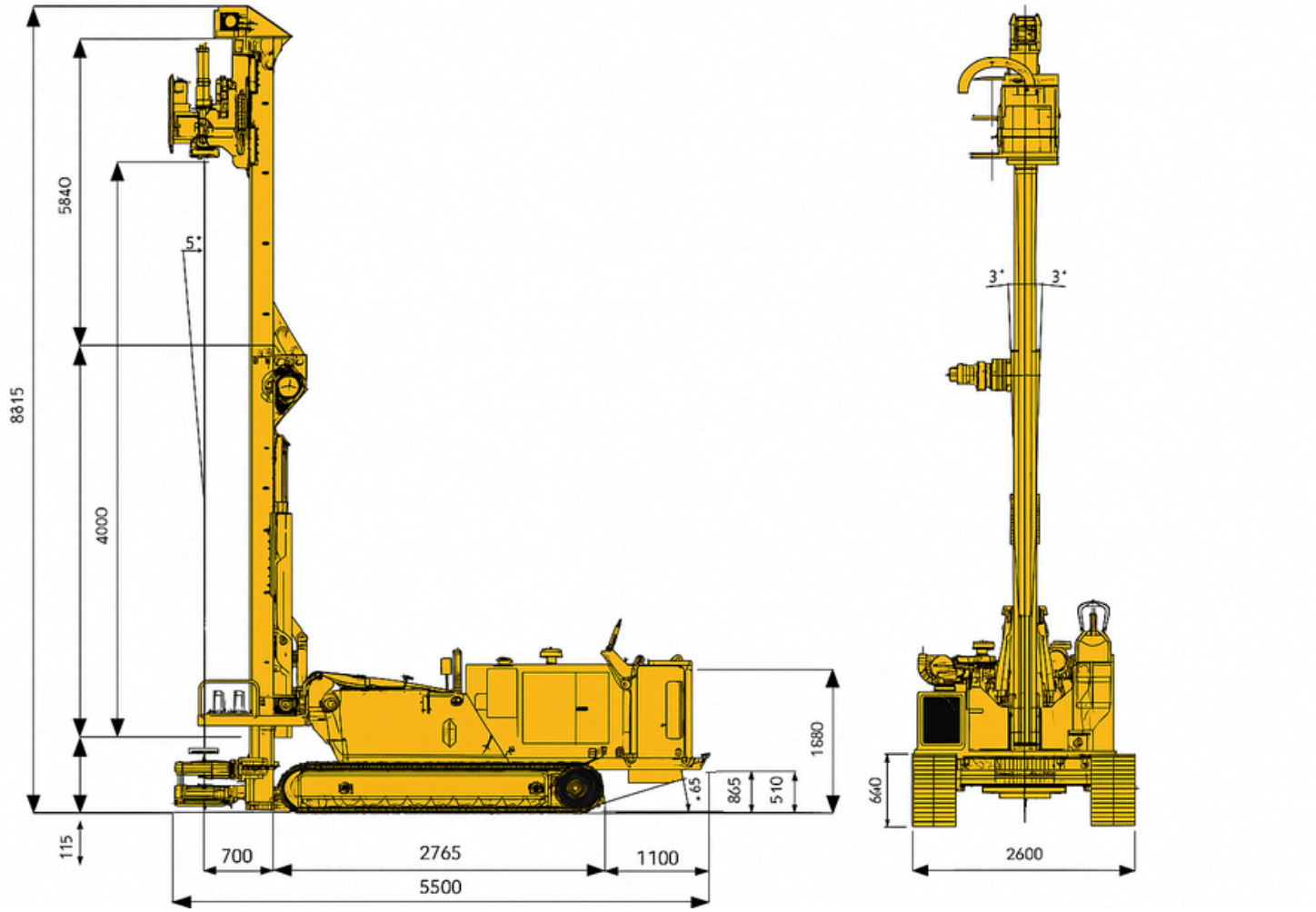
Nominal Pile Diameter (mm)



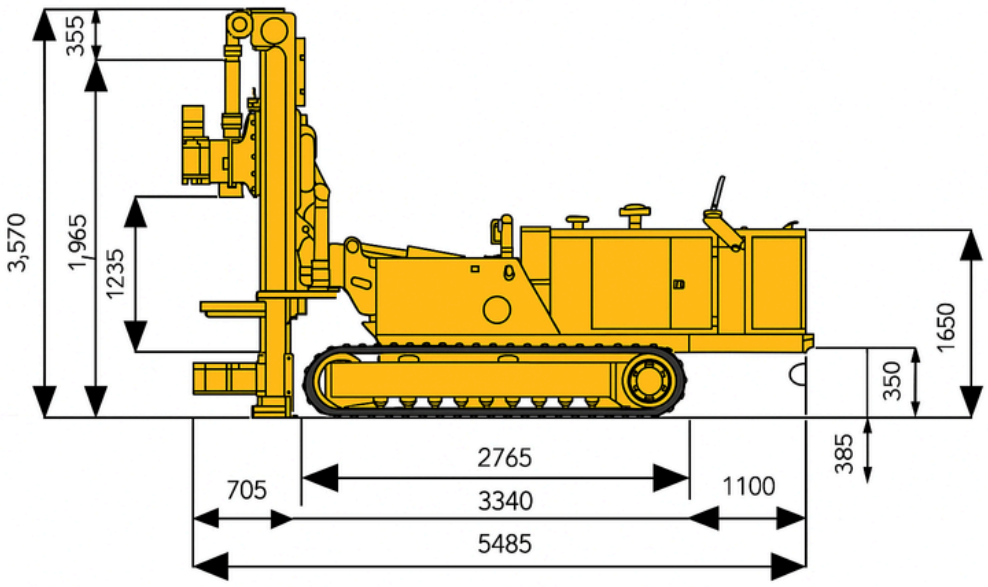
METRO PILING GROUP

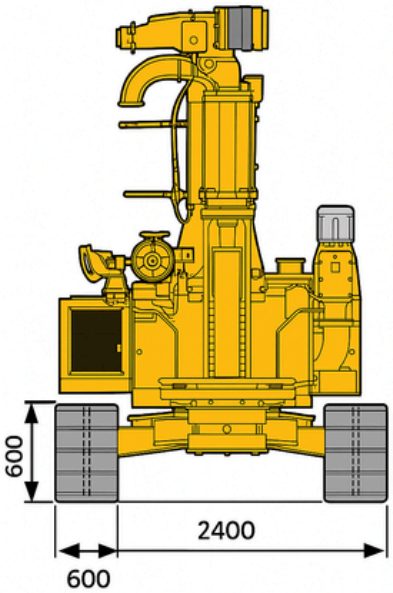
KLEMM KR 709 DIMMENSIONS

Tall Mast

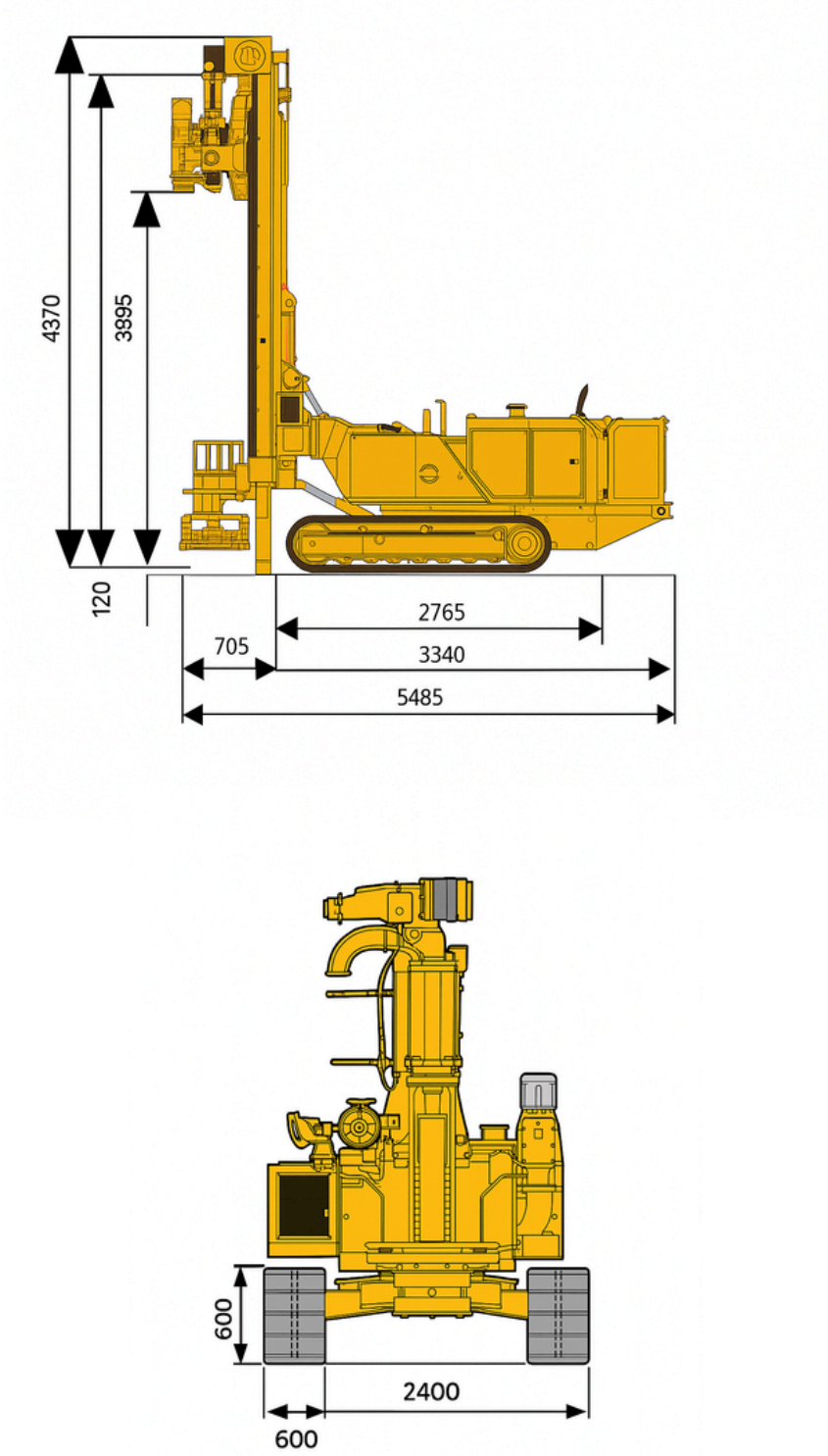


3.7m Mast

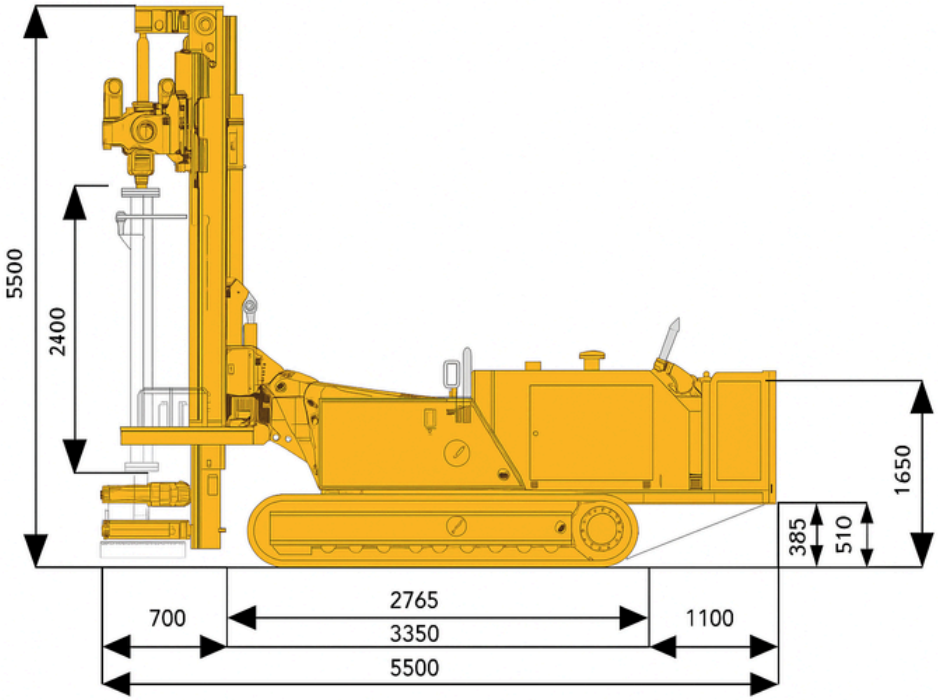

355
3,570
1,965
1235
1650
350
385
2765
705
1100
3340
5485

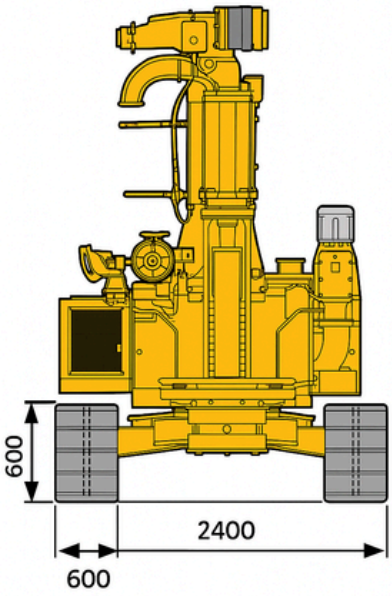

600
2400
600

4.7m Mast



Split Mast





METRO PILING GROUP

METRO PILING

Tel: 020 3051 8486
Email: enquiries@metropiling.co.uk
Website: www.metropiling.co.uk