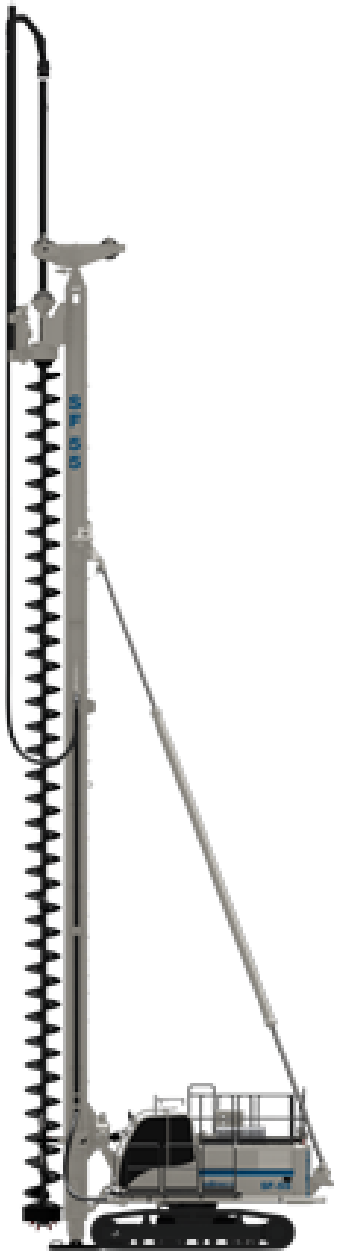
METRO PILING GROUP



SOILMEC

SF-50

The Soilmec SF-50 is a high-performance CFA/SFA piling rig designed for medium to large-diameter bored piles, offering excellent productivity, stability, and reliability on constrained urban sites. With strong rotary torque, efficient crowd force, and advanced electronic controls, the SF-50 delivers consistent pile verticality and high output rates even in challenging ground conditions. Its compact footprint, fast setup, and ability to handle deeper pile installations make it a versatile and robust choice for projects requiring precision, efficiency, and dependable performance

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contact our team for more information on the Soilmec SF-50 and to discuss whether it's the most suitable rig for your project. All dimensions are subject to machine configuration.

TECHNICAL DATA

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OPERATION DETAILS

Description	Dimension
Maximum Pile Depth	25.0m
Maximum Pile Diameter	900mm
Mast Height	28.0m
Rig Length	7.6m
Rig Width	4.0m
Rig Weight	34-43t

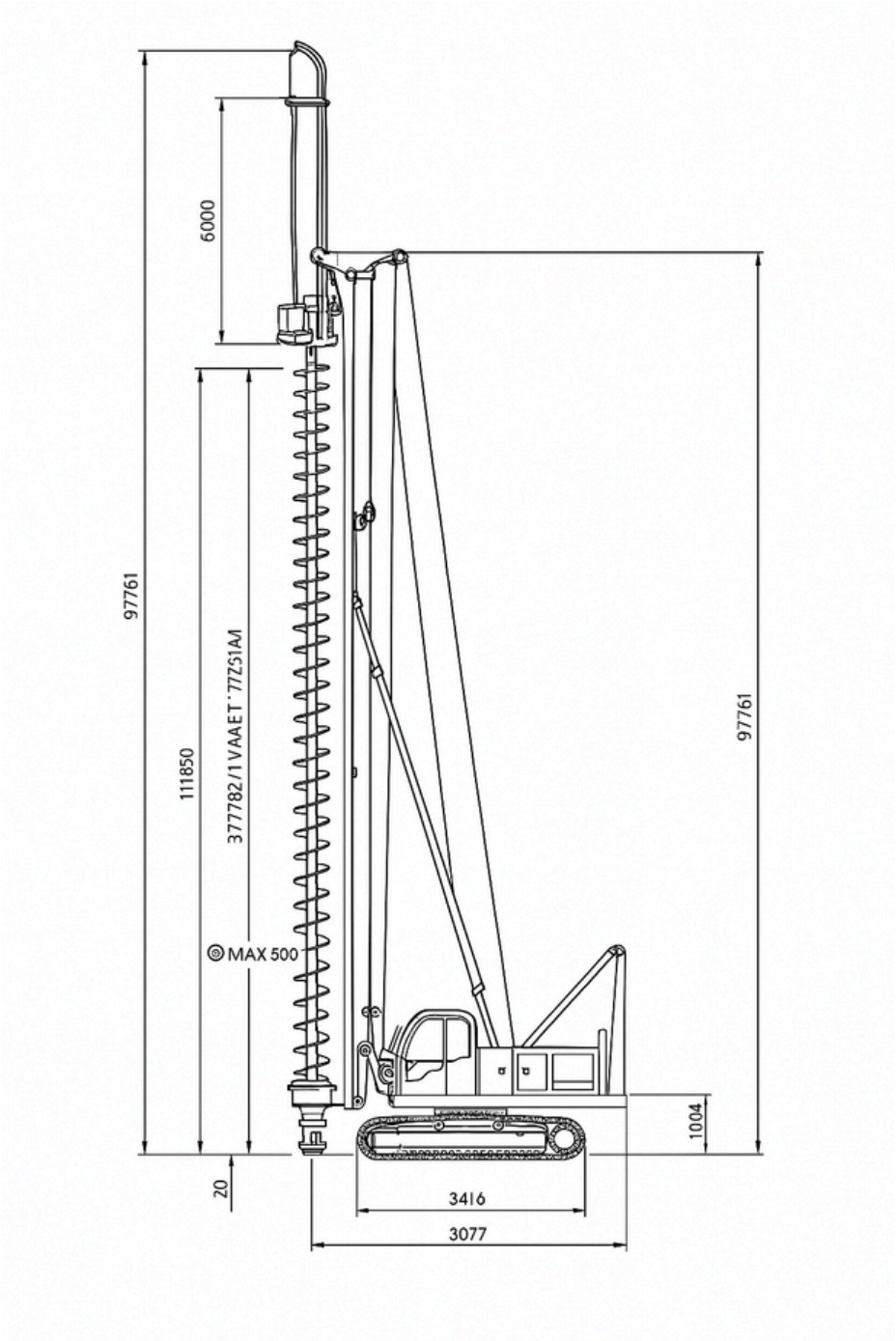
TRANSPORT DETAILS

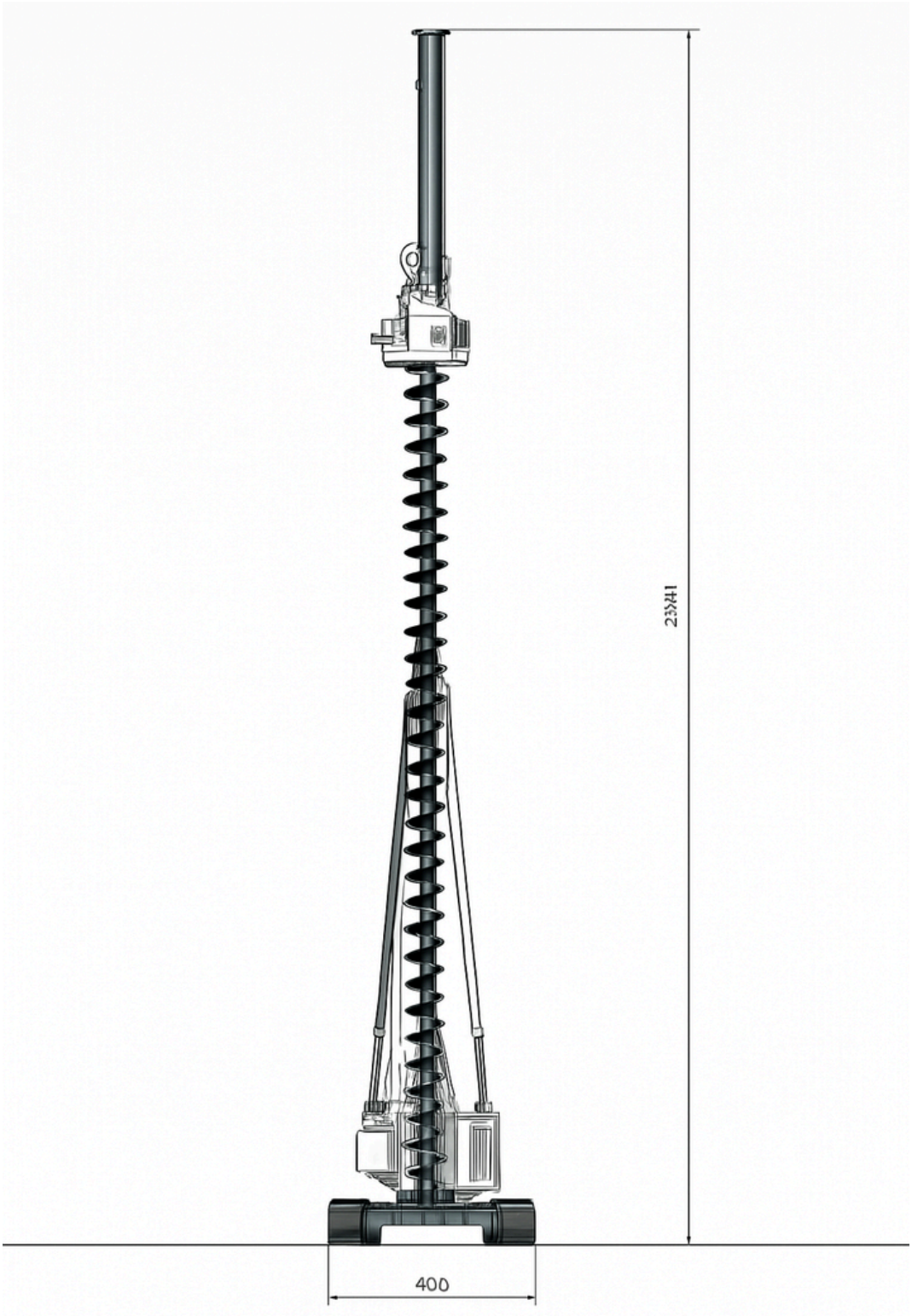
Description	Dimension
Trasport Length	16.4m
Transport Height	3.3m
Transport Width	2.5m

TRACK PRESSURE

Operation	**BRE Load** (case)	**Length** (m)	**Width** (m)	**UDL** (Kn/m2)
Standing	1	2.71	0.7	101
Travelling	1	2.71	0.7	101
Handling	1	2.16	0.7	142
Penetrating	2	2.82	0.7	70
Extracting	2	1.25	0.7	219

SOILMEC SF-50 DIMMENSIONS

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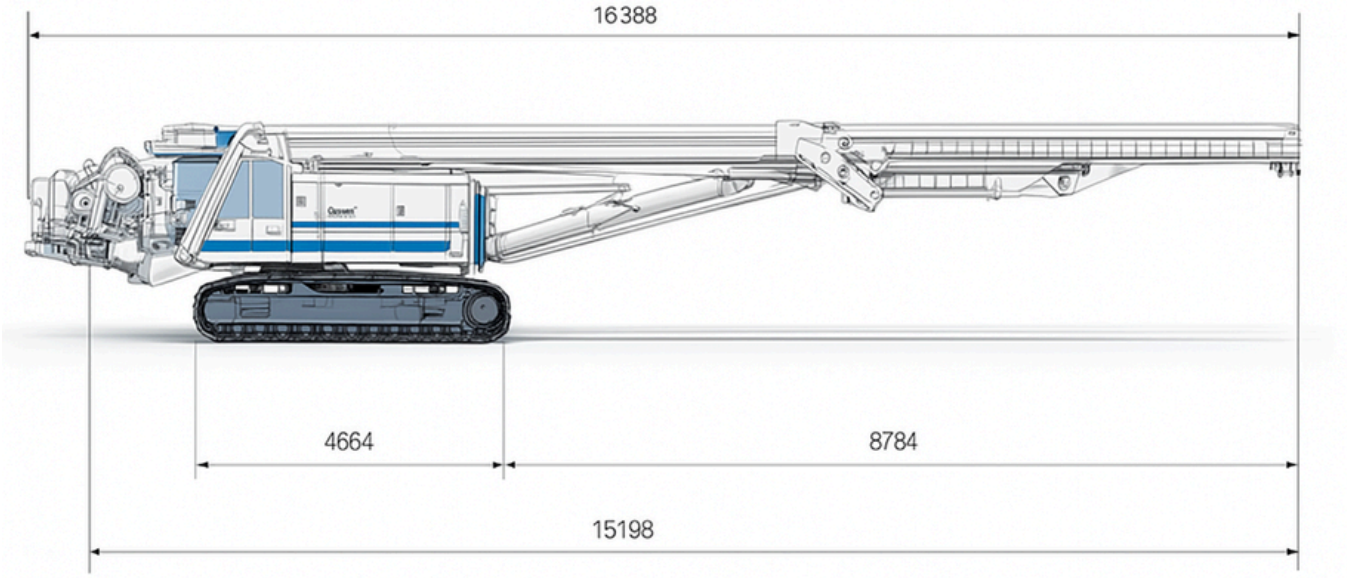
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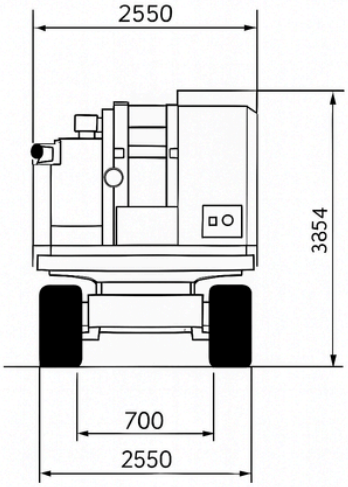
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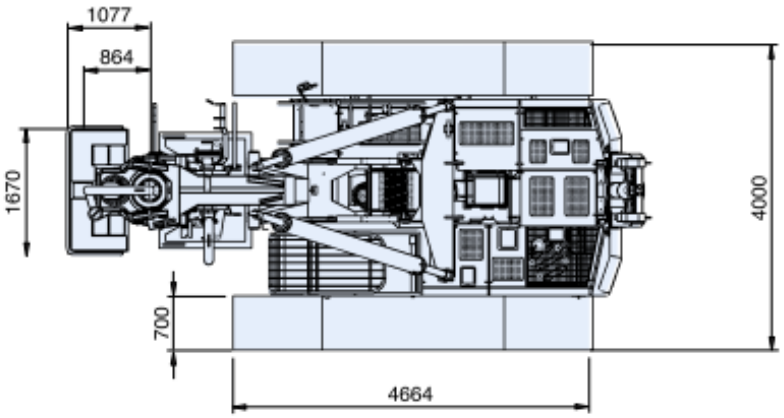
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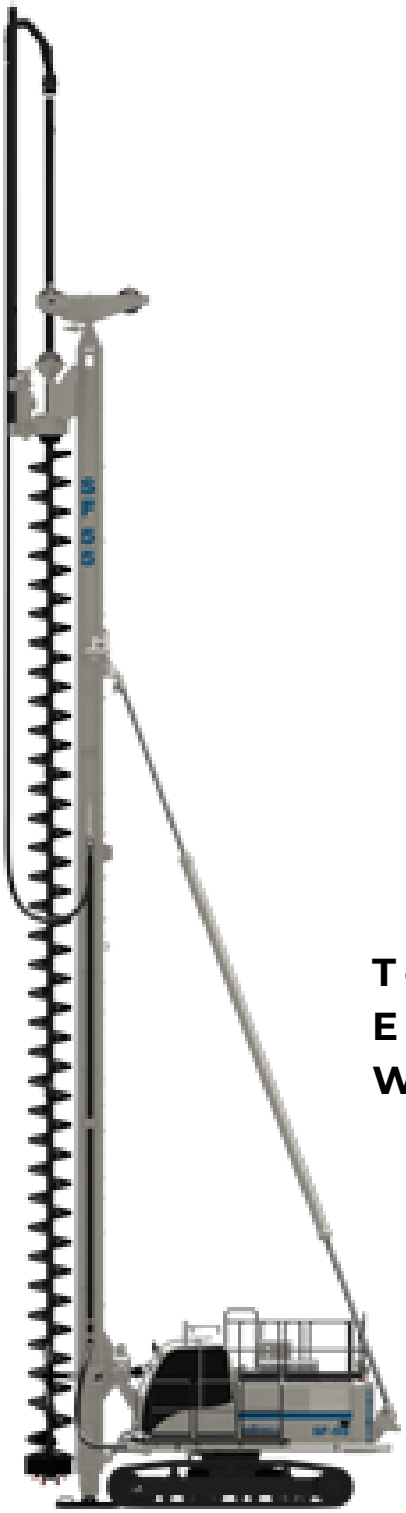

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