FUNDEX F4800
MULTIFUNCTIONAL
FOUNDATION RIG

The FUNDEX F4800 is the latest model in the range of Fundex Equipment multifunctional foundation rigs. The F4800 is special designed for both drilling and pile driving techniques, double drilling, soil-mixing, sheet pile push pull system and vibratory hammer.
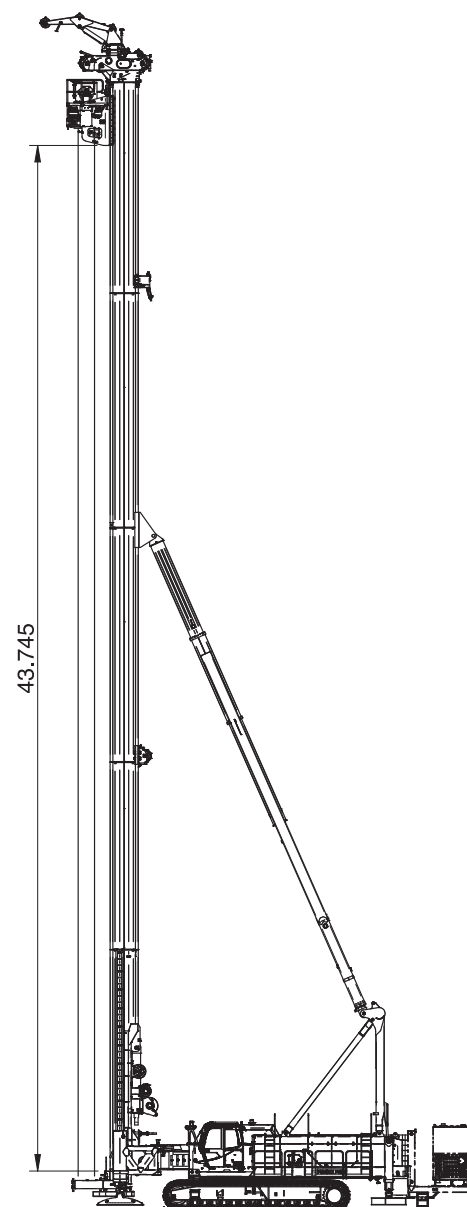
THE ADVANTAGES OF THE F4800:

- self-erecting;
- design with high stability thanks to a low centre of gravity;
- front and rear supports (optional without front supports);
- 585 kW powerful Volvo engine Stage V (or optional with integrated 405kW rig and additional 585kW power pack engine);
- torque of 500 kNm along the entire leader length;
- man lift along the entire leader length;
- the ergonomic cabin with modern control and monitoring system can be swing out which provides an optimum view on the job;
- automatic pile positioning system via GPS;
- machine and pile data accessible via MYRIX portal.

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TECHNICAL SPECIFICATIONS		
Standard leader length	m	48
Horizontal stroke leader	mm	1.500
Vertical stroke leader	mm	2.000
Operational weight (approx.)	ton	185 (without equipment and tools)
Transport weight	ton	73
Engine and additional power pack	kW	585 (or 405 + 585)
Total ballast weight	ton	41 (including power pack)
Hydraulic		
Max. hydraulic flow tool	l/min	600 (320 bar)
Max. hydraulic flow power pack	l/min	800 (320 bar)
Hydraulic tank	l	1.200
Winches		
Main winch 1	ton	25 = 150 ton pull-up
Main winch 2	ton	15 = 60 ton pull-down
Top jib winch	ton	10
Auxiliary winch 1	ton	25
Man lift winch	ton	1 (for man lift along the entire leader length)
Rake positions		
Max. rake positions forwards		4:1 (14°)
Max. rake positions backwards		3:1 (18,4°)
Soil displacement drilling		
Max. diameter (soil displ.)	mm	914
Max. casing length*	m	44
Max. pile length*	m	42.5
Continuous flight auger (CFA) drilling		
Max. auger diameter	mm	1.500
Max. auger length*	m	44
Max. pile length*	m	42
Pile driving		
Max. hammer weight	ton	25
Max. pile weight	ton	40
Max. pile length*	m	40 (depends on hammer)

* dimensions of application at max. leader length

43.745

19.719
8.739
3.85
5.48
5.775