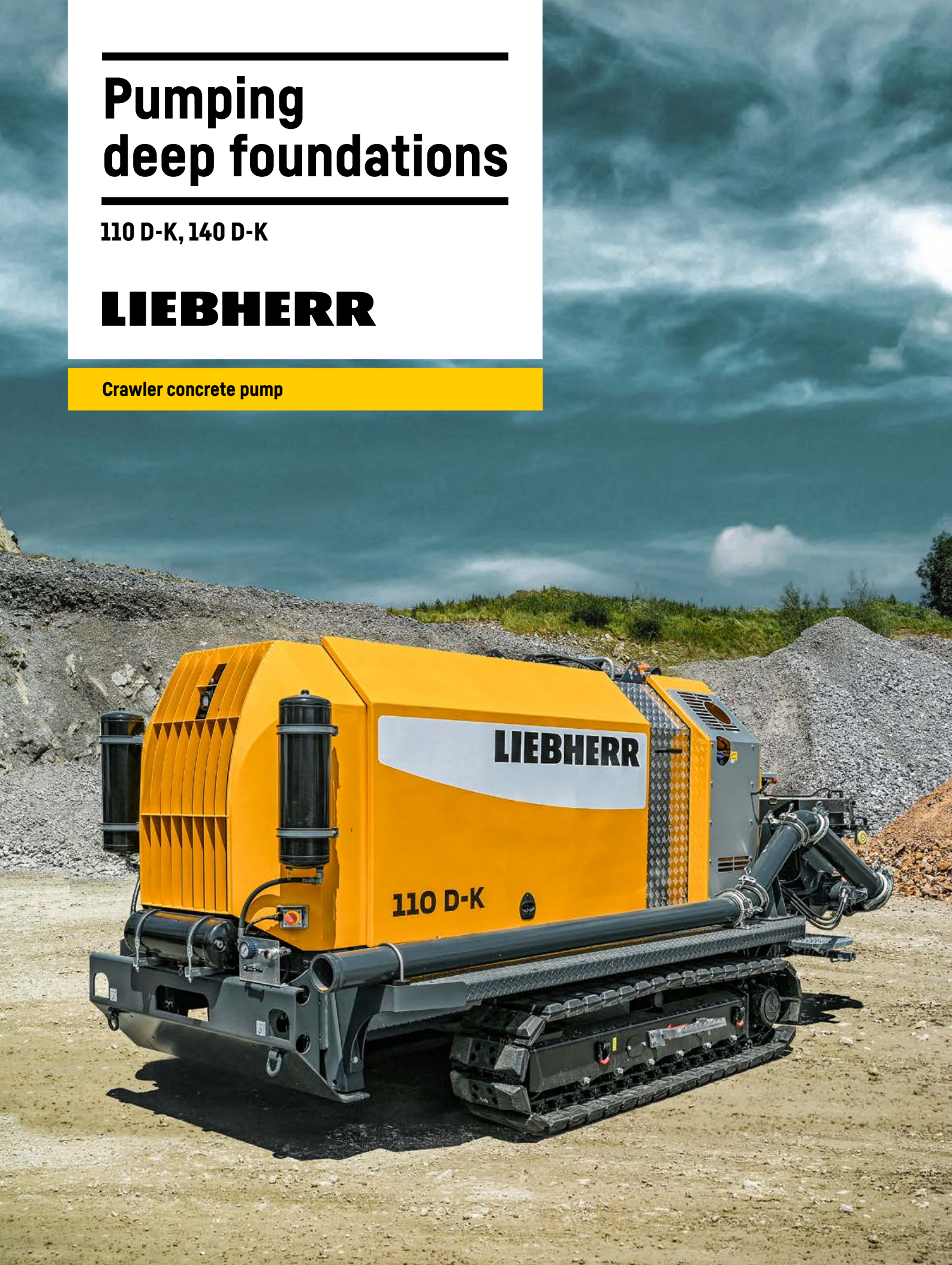
Pumping deep foundations

110 D-K, 140 D-K

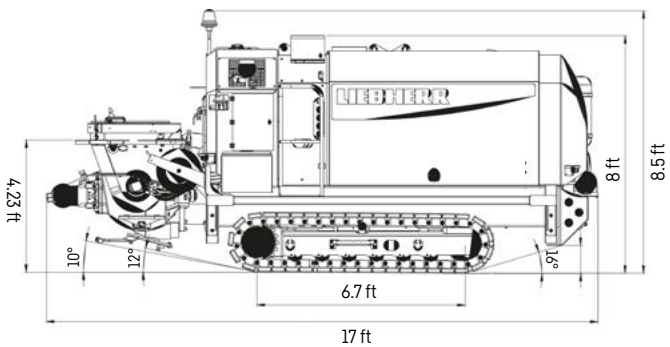
LIEBHERR

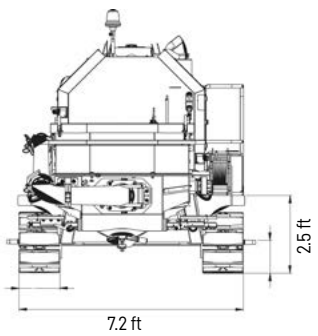
Crawler concrete pump

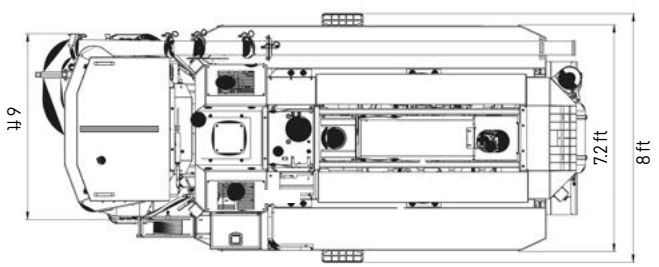


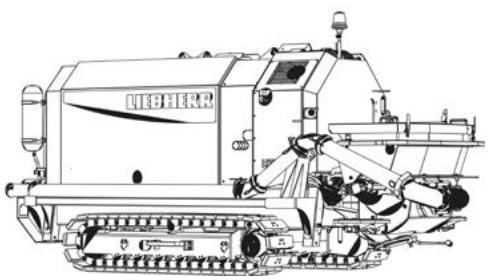
Technical data

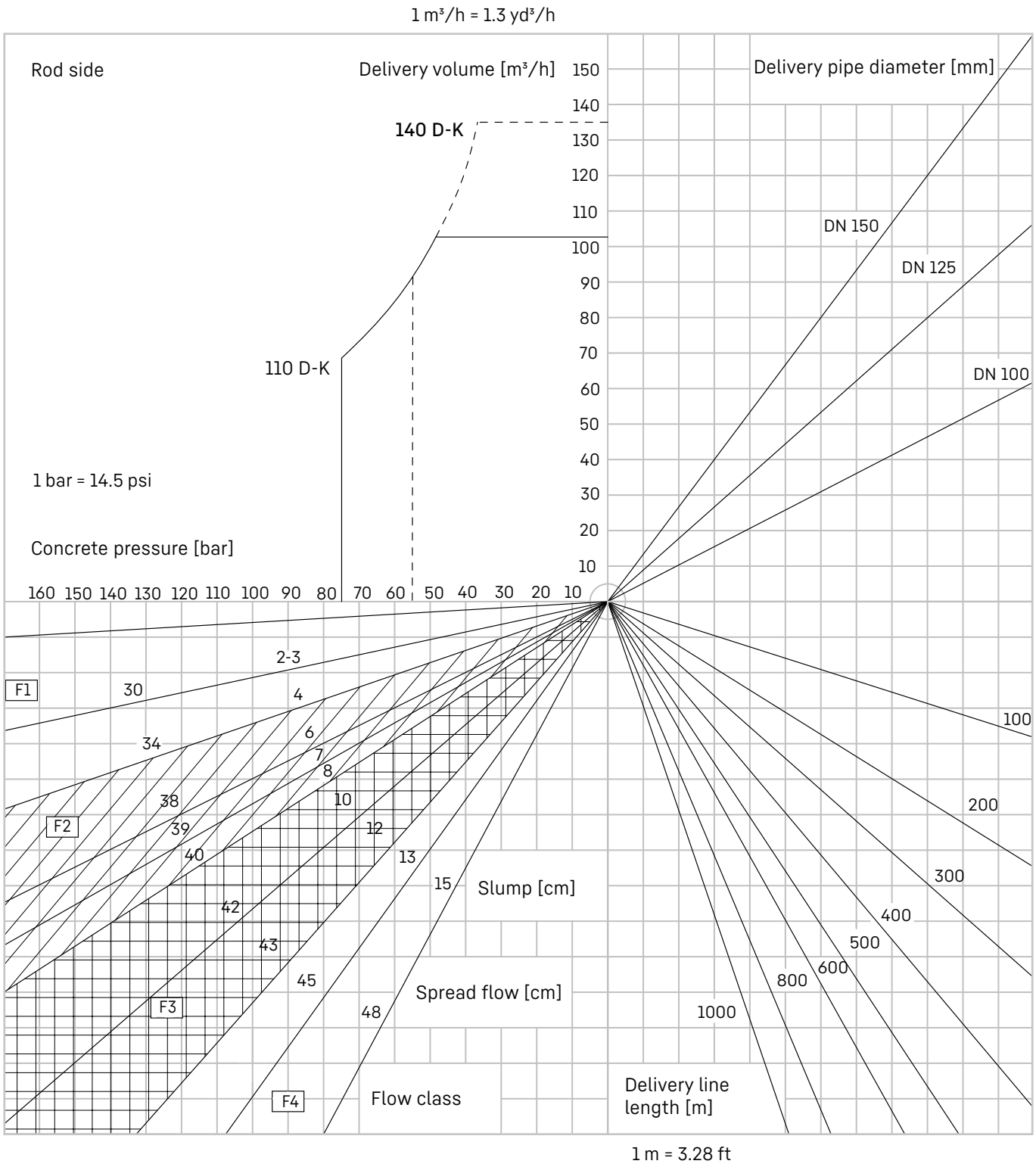
Type	110 D-K	140 D-K
Engine		
Emission standards	Tier 4f / Stage 5	Tier 4f / Stage 5
Engine power	215 hp	215 hp
Pump performance		
Max. concrete output (rod side)	133 yd³/h	178 yd³/h
Max. concrete pressure (rod side)	1100 psi	800 psi
Pump cycles (rod side)	38 strokes/min	38 strokes/min
Dimensions		
Conveying cylinder (Ø x stroke)	7.9“ x 55“	9“ x 55“
Drive cylinder (Ø cylinder / Ø rod x stroke)	5“ / 3.1“ x 55“	5“ / 3.1“ x 55“
Concrete		
Stroke volume, double stroke	0.11 yds³	0.15 yds³
Hopper capacity	158 gal	158 gal
Hydraulic		
Oil tank	92 gal	92 gal
Max. hydraulic pressure	4,650 psi	4,650 psi
Water		
Water tank	132 gal	132 gal
Water pump	290 psi	290 psi
Machine data		
Max. travel speed	1.6 mph	1.6 mph
Total weight (ready for operation, depending on the equipment)	16,865 lbs	16,975 lbs










1 m³/h = 1.3 yd³/h
Rod side
Delivery volume [m³/h]
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
140 D-K
110 D-K
Delivery pipe diameter [mm]
DN 150
DN 125
DN 100
1 bar = 14.5 psi
Concrete pressure [bar]
160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10
F1
F2
F3
F4
2-3
30
4
34
6
7
8
38
10
39
12
40
13
15
42
43
45
48
Slump [cm]
Spread flow [cm]
Flow class
100
200
300
400
500
600
800
1000
Delivery line length [m]
1 m = 3.28 ft

A perfect match!

Dream team on a solid foundation

The Liebherr crawler concrete pumps are equipped with the latest engine generation to enhance maneuverability and flexibility. This machine has been specifically developed for concrete pile foundations. Liebherr brings its technologies together by pairing its crawler concrete pumps wirelessly with the foundation machine. For this purpose, the individual work steps of the machines are designed in a unique way via digital control and linked with extensive data analysis. They also communicate with each other with seamless integration during drilling, extracting, and concrete pumping. The foundation machine operator can start and stop the pumping process from his cab, accurately and to the second. The result: significantly simplified work processes, fewer people on the construction site, and considerable time savings.

Liebherr USA, Co. · 4800 Chestnut Ave. · Newport News VA, 23607
+1 757 240-4250 · www.liebherr.com · liebherr.usa@liebherr.com

Get your contact

Subject to change
Printed in Germany by Lacher LMT_8203 050 05-06.23_enUS