
Pumping deep foundation

110 D-K, 140 D-K

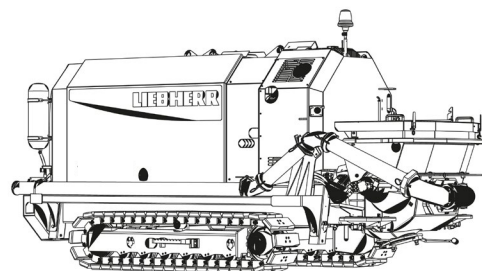
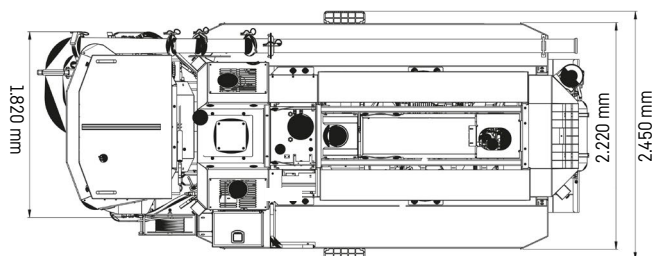
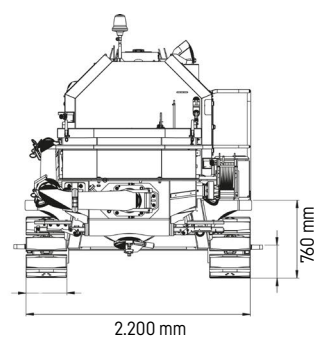
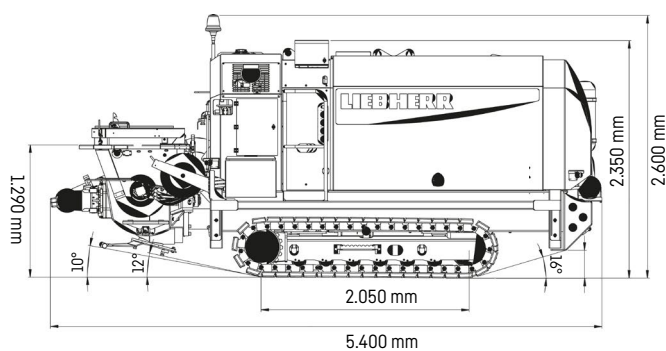
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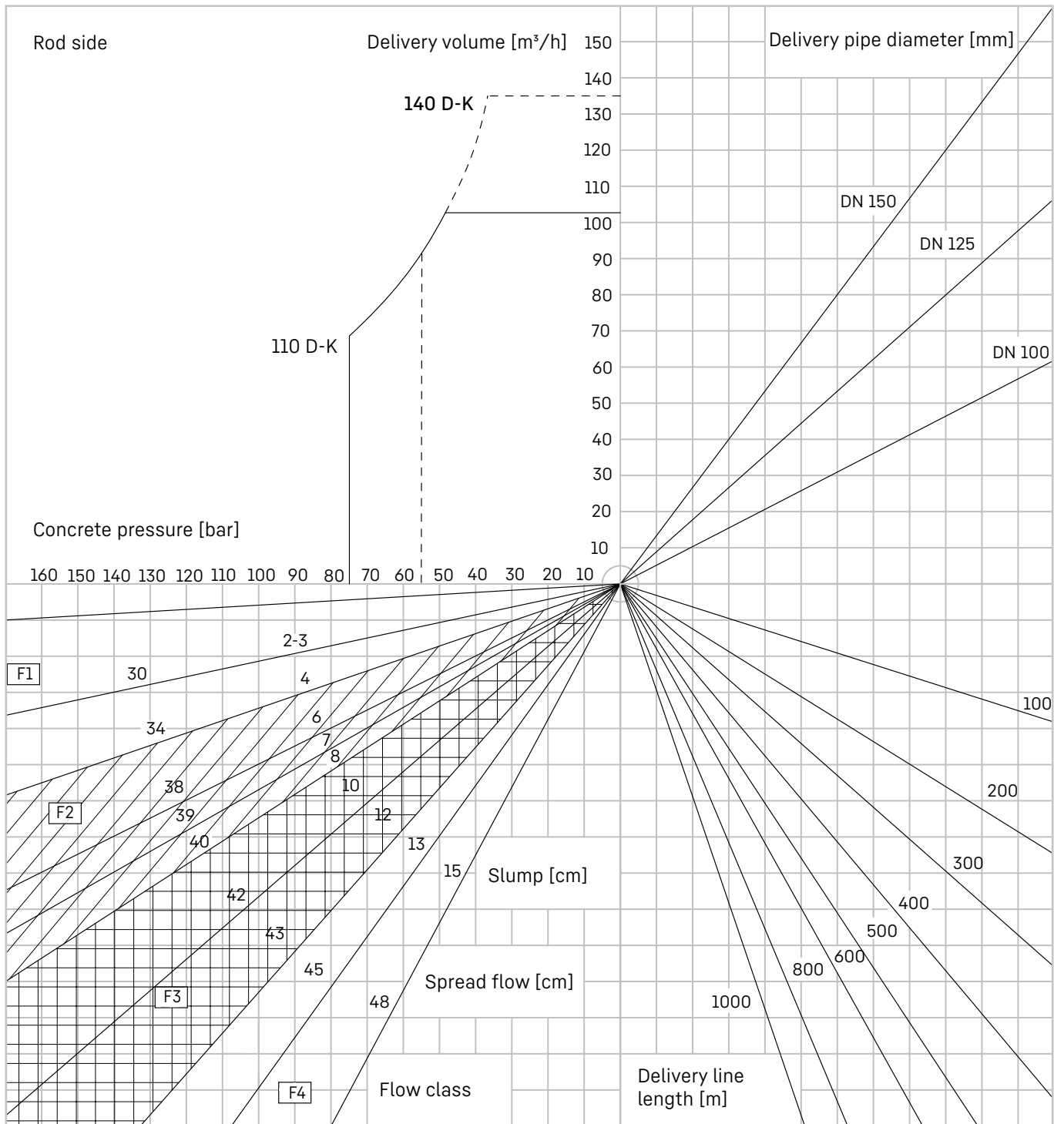
Crawler concrete pump



Technical data

Type	110 D-K	140 D-K
Engine		
Emission standards	Tier 4f / Stage 5	Tier 4f / Stage 5
Engine power	160 kW	160 kW
Pump performance		
Max. concrete output (rod side)	102 m ³ /h	135 m ³ /h
Max. concrete pressure (rod side)	75 bar	55 bar
Pump cycles (rod side)	38 U/min	38 U/min
Dimensions		
Conveying cylinder (Ø x stroke)	200 mm x 1400 mm	230 mm x 1400 mm
Drive cylinder (Ø cylinder / Ø rod x stroke)	125 mm / 80 mm x 1400 mm	125 mm / 80 mm x 1400 mm
Concrete		
Stroke volume, double stroke	88 L	116 L
Hopper capacity	600 L	600 L
Hydraulic		
Oil tank	350 L	350 L
Max. hydraulic pressure	320 bar	320 bar
Water		
Water tank	500 L	500 L
Water pump	20 bar	20 bar
Machine data		
Max. travel speed	2.6 km/h	2.6 km/h
Total weight (ready for operation, depending on the equipment)	7650 kg	7700 kg





It's a perfect match!



Dream team on a solid foundation

Our crawler concrete pumps with the latest engine generation can be flexibly manoeuvred and has been specially developed for concrete pile foundations in combination with a drilling rig. Liebherr is bringing its technologies even closer together by networking its crawler concrete pumps with the drilling rigs. For this purpose, the individual work steps of the machines are orchestrated in a unique way via digital control and linked with extensive data analysis. They also communicate with each other during the recurring processes of drilling, extracting and concrete pumping. The operator of the drilling rig can start and stop the pumping process from his cabin, accurate to the second. The result: significantly simplified work processes, fewer people on the construction site and, in particular, considerable time savings.

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