



WOLFFKRAN

WOLFF 133 B

Perfectly packaged
power for space
restricted job
sites.

COMPACT - EFFICIENT - FLEXIBLE

The WOLFF 133 B

Small WOLFF luffer offering maximum flexibility

Predestined for space restricted job sites: The WOLFF 133 B is the smallest WOLFF luffing jib crane in the 125 tm class. Thanks to its compact design with a hydraulic luffing gear and a freestanding tower height of up to 95.7 meters, it is ideally suited for jobs on cramped inner-city construction sites.

Class-leading reach and capacity: The WOLFF 133 B is available in a 6 and an 8 tonne version offering a maximum tip load of 2.6 tonnes* at the maximum hook radius of 45 meters and maximum load capacity of 8 tonnes** up to 22.8 meters. It is fitted with a basic 25 meter jib that can be increased to 45 meters in 5 meter increments.

Available with two tower connections: Like its predecessor, the WOLFF 133 B comes with connections to the 1.5 meter or the 2 meter modular WOLFF tower sections UV 15 and UV 20 respectively. Both external and internal climbing systems are available for these tower sections.

The Hoisting Winches

Flexible hoisting power and fast hook speeds

The WOLFF 133.6 B is fitted with the efficient 28 kW hoisting winch Hw 628.1 FU offering above average hook speeds of up to 160 m/min, while the WOLFF 133.8 B comes with the bigger 45 kW winch Hw 845PL FU allowing for a greater maximum lifting capacity.

Both winches are also used in WOLFF crane models of the clear- and cross-range, facilitating parts availability within the crane fleet and reducing staff training resources.

* 1-fall operation with the 28 kW winch

** 2-fall operation with the 45 kW winch



WOLFF



The Luffing Gear



Perfectly packaged

Both the hydraulic cylinder and hydraulic power pack are mounted in the connection frame which can be lifted on to the crane as one piece allowing for savings on money and time since the hydraulic lines do not need to be disconnected for transport.

If enough mobile crane capacity is on site, assembly can be further sped up since the connection frame can be preassembled to the lower part of the tower top containing the slewing mechanism and both components lifted on to the tower with a single lift.

Strong and in control

The innovative hydraulic luffing cylinder with load sensing control automatically regulates the luffing speed according to the load which results in a remarkable luffing movement from maximum to minimum jib radius in only 90 seconds with an economical 22 kW motor.

The precision control holds the load level during jib movement offering excellent load placement.





More Advantages

One-piece counter jib: The counter jib including the frame for holding the counterweights is a single component which allows for uncomplicated assembly and transportation of the entire crane on only 3 - 4 trucks (depending on local road traffic regulations).

Choice of hook block: The WOLFF 133 B comes with a hook block for single- and 2-fall operation as standard. An optional single-fall hook block is available for both versions, thus increasing tip load capacity by 250 kg.

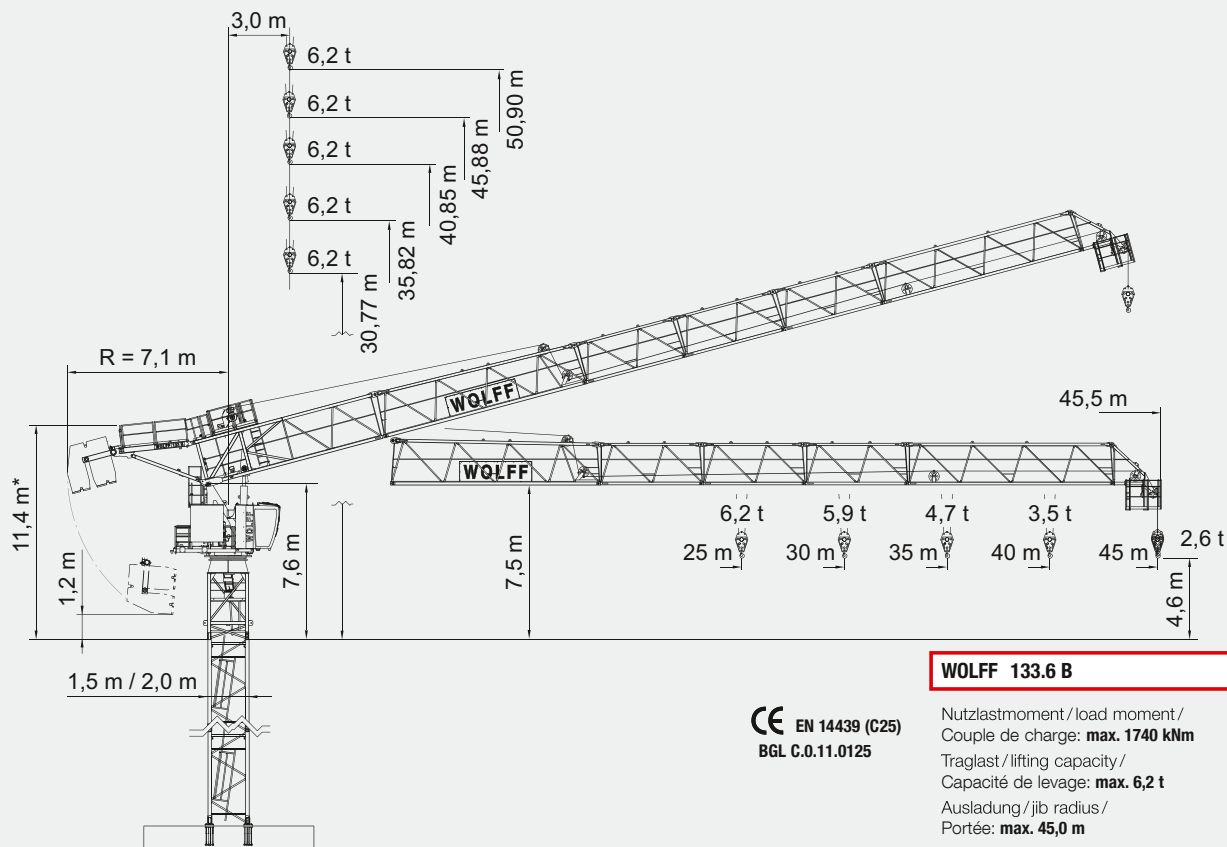
The cabin platform: The platform with the WOLFF Cab operator cabin, switch cabinet and resistor banks come preassembled and can be lifted on to the crane as one unit. The close vicinity of the switch cabinet next to the cabin also allows easy communication between the operator and service technician, thus enhancing work safety.

Fleet Flexibility: The WOLFF 133 B uses many components, such as winches, hook blocks, counterweights and rope sheaves that are common to many other WOLFF crane models reducing spare parts stock and staff training resources.

WOLFF 133.6 B

Technical Data

Plan Drawing · WOLFF 133.6 B



WOLFF 133.6 B

CE EN 14439 (C25)
BGL C.0.11.0125

Nutzlastmoment / load moment /
Couple de charge: **max. 1740 kNm**
Traglast / lifting capacity /
Capacité de levage: **max. 6,2 t**
Ausladung / jib radius /
Portée: **max. 45,0 m**



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Load Chart [t] · WOLFF 133.6 B

Traglasten (t) · WOLFF 133.6 B Load Data Charges

Ausladung (m) / jib radius (m) / Portée (m)			20	25	30	35	40	45	Tragfähigkeit (t) load capacity (t) Capacité de charge (t)
Auslegerlänge (m) jib length (m) Longueur de flèche (m)	45	3,0 - 39,4	3,1	3,1	3,1	3,1	3,0	2,6	
	40	3,0 - 40,0	3,1	3,1	3,1	3,1	3,1		
	35	3,0 - 35,0	3,1	3,1	3,1	3,1			
	30	3,0 - 30,0	3,1	3,1	3,1				
	25	3,0 - 25,0	3,1	3,1					
									Tragfähigkeit (t) load capacity (t) Capacité de charge (t)
Auslegerlänge (m) jib length (m) Longueur de flèche (m)	45	3,0 - 22,0	6,2	5,3	4,3	3,5	2,9	2,5	
	40	3,0 - 26,2	6,2	6,2	5,2	4,2	3,5		
	35	3,0 - 27,9	6,2	6,2	5,7	4,7			
	30	3,0 - 28,7	6,2	6,2	5,9				
	25	3,0 - 25,0	6,2	6,2					

Drives · WOLFF 133.6 B · (Hw 628.1 FU)

Antriebe · WOLFF 133.6 B · (Hw 628.1 FU)

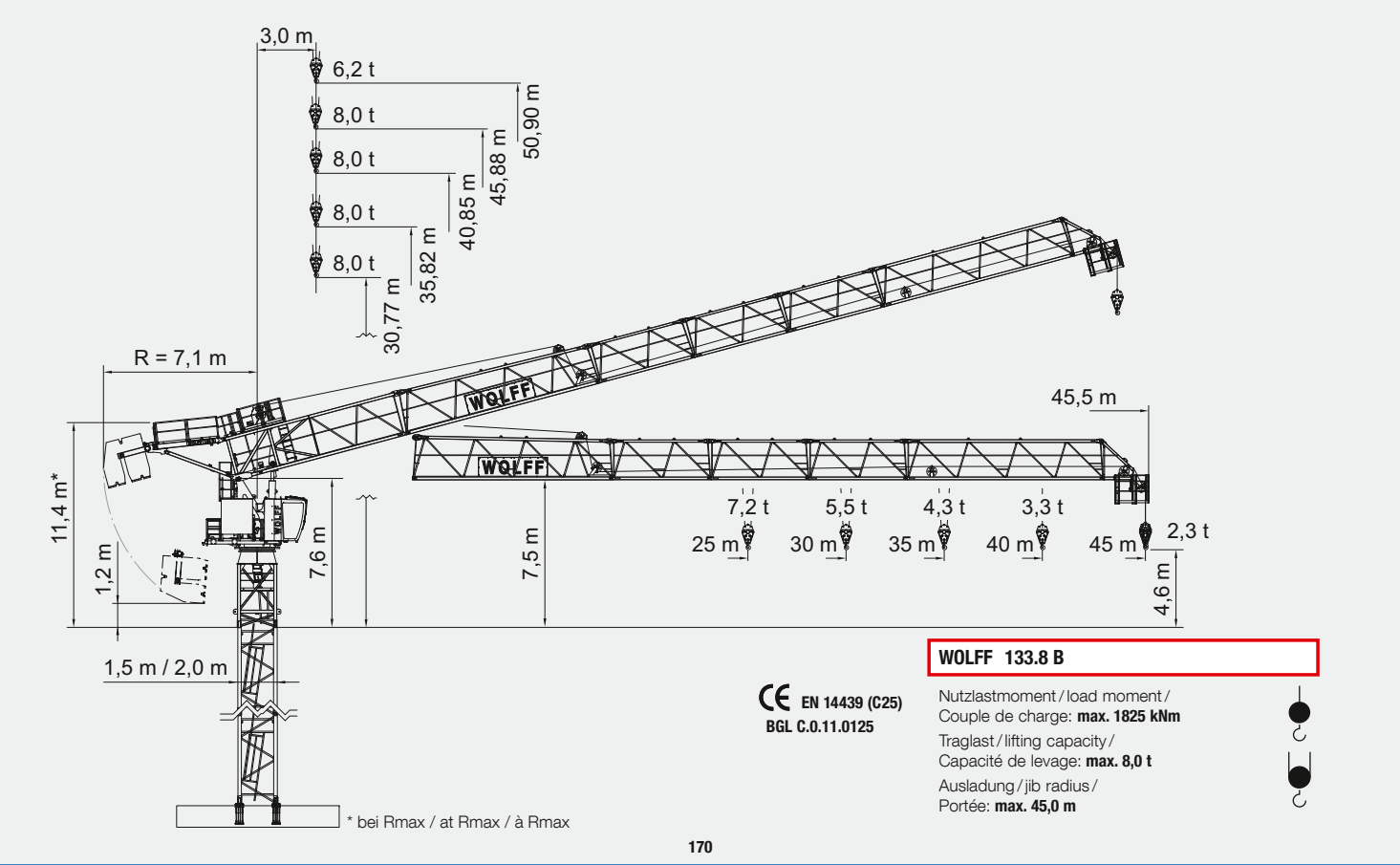
Mechanisms Mécanismes

Motor [kW] motor Moteur	28	28	22	1 x 7,5	4 x 5,5
Geschwindigkeit speed Vitesse	0 - 0,65 t 0 ... 160 m/min stufenlos / stepless / en continue 0 - 3,1 t 0 ... 44 m/min	0 - 1,0 t 0 ... 109 m/min stufenlos / stepless / en continue 0 - 6,2 t 0 ... 22 m/min	1,5 min	0,8 min ⁻¹	30,0 m/min
Hakenweg [m] hook path Course du crochet	400	200			



WOLFF 133.8 B

Technical Data

Plan Drawing · WOLFF 133.8 B



Load Chart [t] · WOLFF 133.8 B

Traglasten (t) · WOLFF 133.8 B										
Load Data										
Charges										
Ausladung (m) / jib radius (m) / Portée (m)			20	25	30	35	40	45	Tragfähigkeit (t) load capacity (t) Capacité de charge (t)	
Auslegerlänge (m) jib length (m) Longueur de flèche (m)	45	3,0 - 30,4	 4,0 t	4,0	4,0	4,0	3,3	2,7		2,3
	40	3,0 - 35,2		4,0	4,0	4,0	4,0	3,3		
	35	3,0 - 35,0		4,0	4,0	4,0	4,0			
	30	3,0 - 30,0		4,0	4,0	4,0				
	25	3,0 - 25,0		4,0	4,0					
Ausladung (m) / jib radius (m) / Portée (m)			20	25	30	35	40	45	Tragfähigkeit (t) load capacity (t) Capacité de charge (t)	
Auslegerlänge (m) jib length (m) Longueur de flèche (m)	45	3,0 - 20,8	6,2 t	6,2	4,9	3,9	3,1	2,5		2,1
	40	3,0 - 20,5	 8,0 t	8,0	6,2	4,8	3,8	3,1		
	35	3,0 - 21,5		8,0	6,7	5,3	4,3			
	30	3,0 - 22,0		8,0	6,9	5,5				
	25	3,0 - 22,8		8,0	7,2					

Drives · WOLFF 133.8 B · (Hw 845PL FU)

Antriebe · WOLFF 133.8 B · (Hw 845PL FU)					
Mechanisms					
Mécanismes					
Motor [kW] motor Moteur	45	45	22	1 x 7,5	4 x 5,5
Geschwindigkeit speed Vitesse	0 - 1,0 t 0 ... 158 m/min stufenlos / stepless / en continue	0 - 2,5 t 0 ... 78 m/min stufenlos / stepless / en continue	1,5 min	0,8 min ⁻¹	30,0 m/min
Hakenweg [m] hook path Course du crochet	500	250			

The WOLFF Standard

Best all-round visibility from the WOLFF CAB

The WOLFF CAB crane cabin offers optimum visibility and overview. The adjustable seat and ergonomically designed control panels allow for fatigue-free working. Tinted windows, quality blinds, an effective heating system and air conditioning ensure a comfortable working environment, regardless of season or climate zone. Further amenities such as a radio with SD/USB ports and Bluetooth, a drinks cooler, plenty of sockets and ample storage space are also included as standard. An easy-to-read 7-inch touchscreen color monitor optimally supports the crane operator.



Economical transportation on land and water

All components of the WOLFF hydraulic luffing jib cranes are designed to fit on regular trucks as space-saving as possible. Thanks to proven suspension brackets on all crane components, these can be safely and quickly loaded and unloaded. If a WOLFF hydraulic luffing jib cranes needs to travel overseas, no problem, all crane and tower components are container compatible.



Everything under (WOLFF crane) control

WOLFF cranes are fitted with the latest crane controls to ensure highest levels of safety. They adjust the performance of all drives to the requirements of the job site and support the crane operator with many security features, such as overload protection, working range limitation and an anti-collision interface. Also integrated as standard is the WOLFF Boost function increasing load capacity by 10% by automatically turning off one of the drives, as well as the remote data transmission system WOLFF Link facilitating maintenance and repairs.



Best service for best performance

WOLFF cranes are fitted with platforms, railings and further elements designed to increase safety around all major crane components and parts. Further, all WOLFF cranes feature an electrical central lubrication of the slew ring, a slip ring mechanism for optimal signal transmission and a temperature-controlled switch cabinet with heating and ventilation ensuring efficient and uninterrupted operating time of the crane. Together with the remote maintenance options offered by WOLFF Link and the experienced quick-response WOLFF Service-Teams nearby, you can rest assured that the WOLFF cranes on your site will perform day in and out.



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