



**WOLFF 166 B**

CE EN 14439 (C25) BGL C.0.11.0160

Nutzlastmoment / load moment /  
Couple de charge: **max. 2520 kNm**

Traglast / lifting capacity /  
Capacité de levage: **max. 12,0 t**

Ausladung / jib radius /  
Portée: **max. 55,0 m**

Traglasten (t) · WOLFF 166 B												
Load Data												
Charges												
Ausladung (m) / jib radius (m) / Portée (m)			20	25	30	35	40	45	50	55		
Auslegerlänge (m) jib length (m) Longueur de flèche (m)	55	3,0 - 28,3	 6,0 t	6,0	6,0	5,5	4,3	3,5	2,8	2,3	1,8	Tragfähigkeit (t) load capacity (t) Capacité de charge (t)
	50	3,0 - 31,2		6,0	6,0	6,0	5,1	4,1	3,4	2,8		
	45	3,0 - 32,0		6,0	6,0	6,0	5,3	4,3	3,6			
	40	3,0 - 33,0		6,0	6,0	6,0	5,5	4,6				
	35	3,0 - 35,0		6,0	6,0	6,0	6,0					
	30	3,0 - 30,0		6,0	6,0	6,0						
	25	3,0 - 25,0		6,0	6,0							
Ausladung (m) / jib radius (m) / Portée (m)			20	25	30	35	40	45	50	55		
Auslegerlänge (m) jib length (m) Longueur de flèche (m)	55	3,0 - 19,0	 10,0 t	9,4	6,9	5,3	4,1	3,3	2,6	2,0	1,6	Tragfähigkeit (t) load capacity (t) Capacité de charge (t)
	50	3,0 - 21,0		10,0	8,0	6,2	4,9	3,9	3,2	2,6		
	45	3,0 - 18,4		10,8	8,2	6,4	5,1	4,1	3,4			
	40	3,0 - 18,7		11,1	8,4	6,6	5,4	4,4				
	35	3,0 - 19,3		11,5	8,9	7,1	5,8					
	30	3,0 - 20,0		12,0	9,3	7,5						
	25	3,0 - 21,0		12,0	10,0							

WOLFFKRAN

WOLFF 166 B  
Cranesationally  
compact



- » Max. load: 12 t
- » Jib lengths: 25 m to 55 m
- » Max. tip load capacity at 55 m: 1.8 t
- » Max. tip load capacity at 50 m: 2.8 t
- » Hook path: 500 m
- » Tower connection: UV / TV 20

WOLFFKRAN International AG  
Baarermattstrasse 6  
CH-6300 Zug  
Tel. +41 41 766 85 00  
Fax +41 41 766 85 99  
info@wolffkran.com

www.wolffkran.com

Der Leitwolf.  
The leader of the pack



The new compact class – luffs you to the top!



# The new WOLFF 166 B: so compact, so strong, so flexible.

The new WOLFF 166 B is the most compact in its class. With a flat-top design without rope luffing gear, it operates with an innovative hydraulic luffing system.

The advantages: bundled power in a minimum of space.

For efficient assembly, economical transport, added flexibility on the construction site – and maximum performance: with a 50 m jib the WOLFF 166 B lifts 2.8 t at the tip in single-reeved operation.



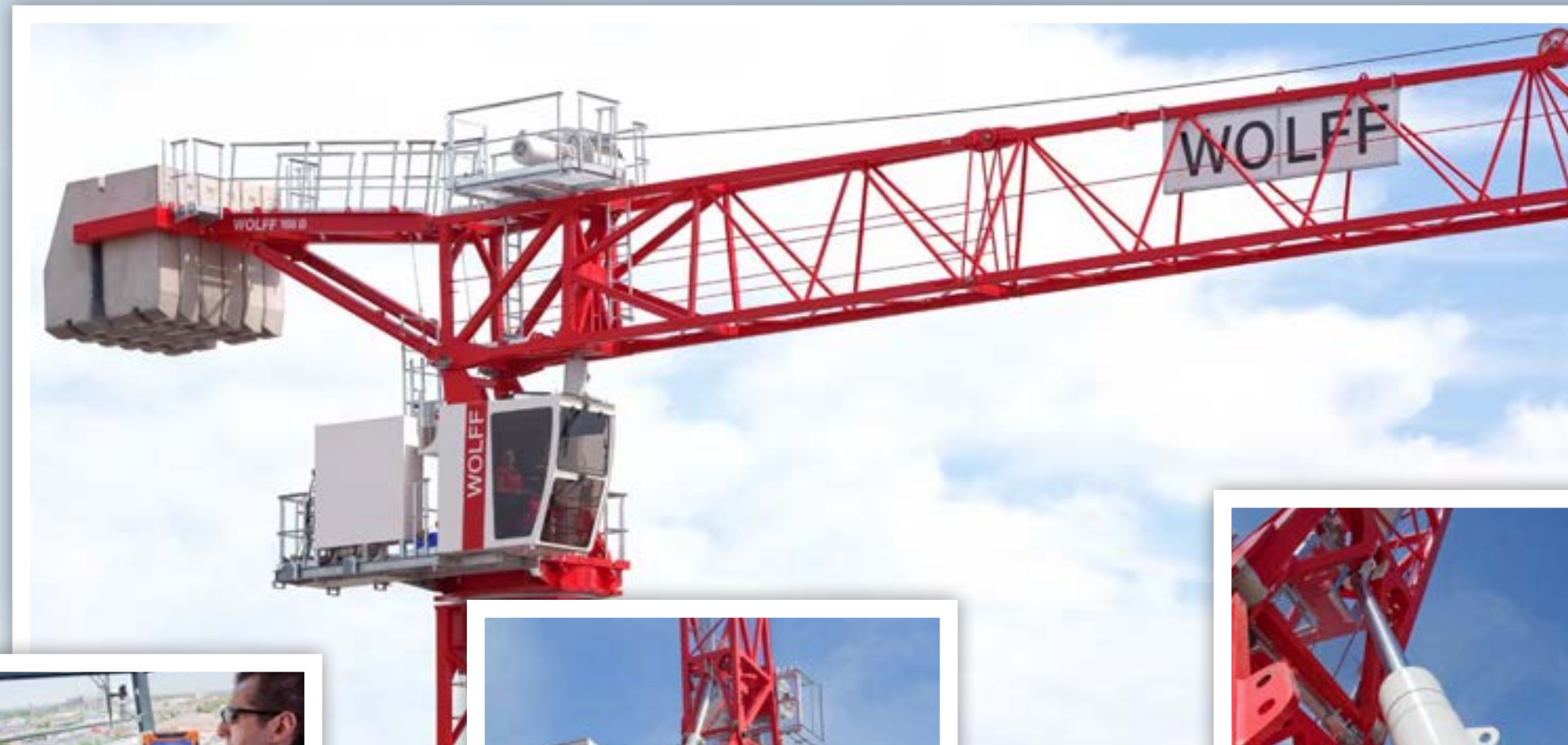
## Flexible hoist power

The 60 kW hoist winch sits directly on the jib – that facilitates maintenance and enables it to be easily replaced by an alternative winch – as flexible as only a WOLFF can be. Furthermore, the complete jib incl. reeving of the hoist rope can be safely preassembled on the ground.



## Well-conceived

A real highlight: the bolted-on frame on the counter-jib for the counterweights. The counterweights are simply placed from above onto a support tube and secured toward the crane centre. The construction also allows for frame designs suitable to hold more compact steel counterweights.



## Comfort and safety

The new WOLFF cabin offers optimum visibility and overview. The improved seat and ergonomically optimised control panels provide for relaxed working. Improved heating and air conditioning system, tinted windows and many other details are sure to make the new cabin an optimal place of work.



## Compactly packaged

The hydraulic cylinder and unit, as all other components of the luffing mechanism, are compactly mounted in the connecting frame. The latter can be lifted onto the tower individually or as a unit with the slewing frame and lower section of the tower top.



## Strong, but sensitive

The luffing cylinder with load sensing control automatically regulates the luffing speed according to the load. The 22 kW motor thus achieves a luffing time of 90 seconds.