

kramer  
kran  
Verlegesysteme



## Technischer Katalog

KK 724

KK 1 131

KK 828

KK 1 135

KK 930

KK 1 140

HYDRAULISCHER SCHNELLMONTAGEKRAM  
GRU A MONTAGGIO RAPIDO

GRUE A MONTAGE RAPIDE  
GRUA DE RAPIDO MONTAJE

GRUA DE MONTAGEM RAPIDA  
QUICK SELF-ERECTING CRANE

## DAS INTELLIGENTE KRAN-VERLEGESYSTEM

für mehr Effizienz und Return on Investment

- über 70% Zeitersparnis bei der Gesamtmontage<sup>\*)</sup>
- über 50% Ersparnis bei der Arbeitskraft<sup>\*)</sup>

<sup>\*)</sup> gegenüber herkömmlichen Systemen



Abb.1: das komplette und einfach zu handhabende Verlegesystem!

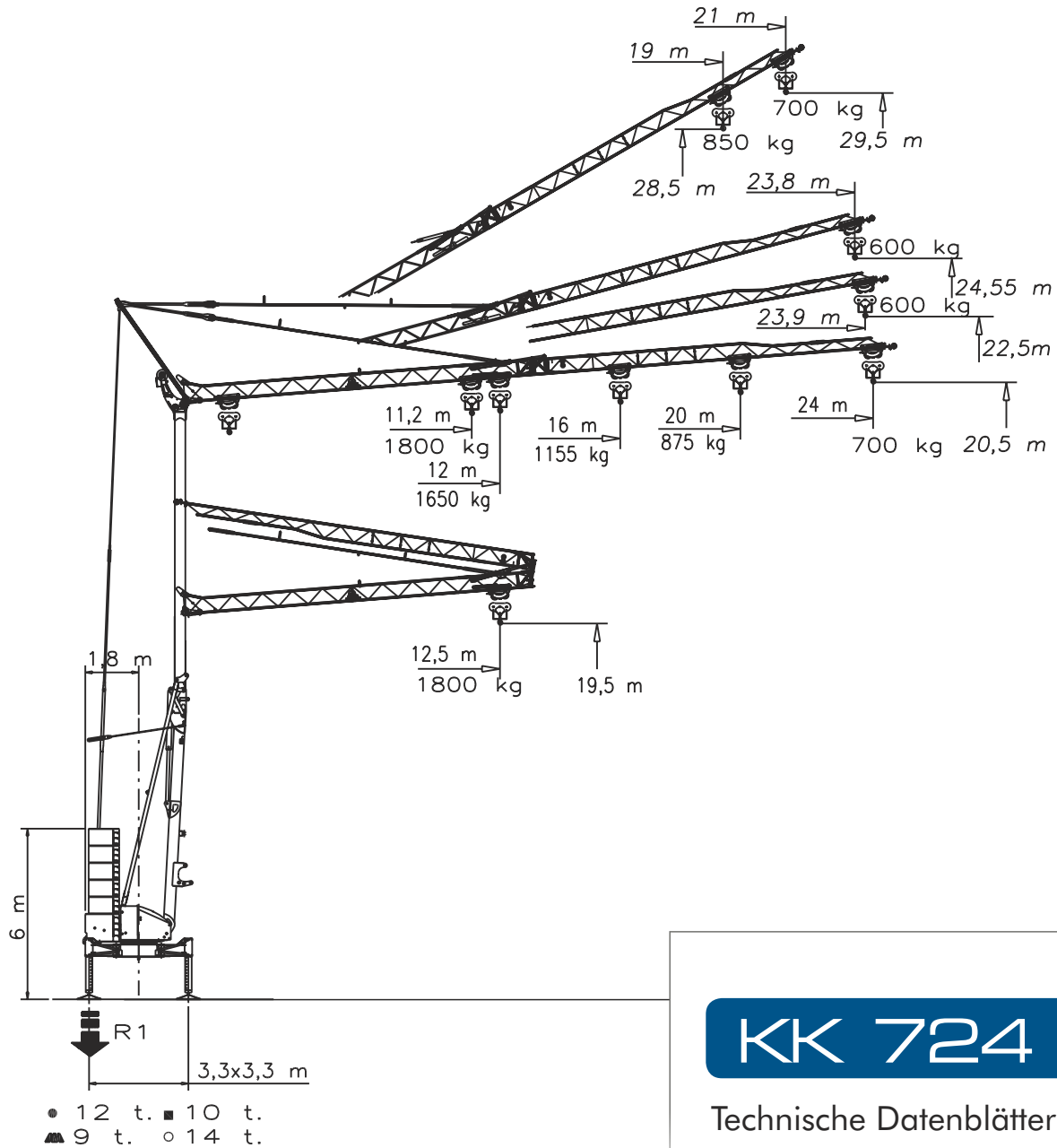


Abb.2: das Verlegesystem in seiner ganzen Größe!

Tief laden - hoch aufbauen:

mit »KramerKran Verlegesysteme«

neue Idee - neue Lösung

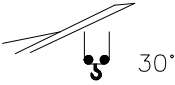
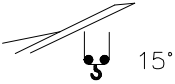

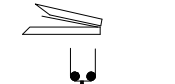


**KK 724**

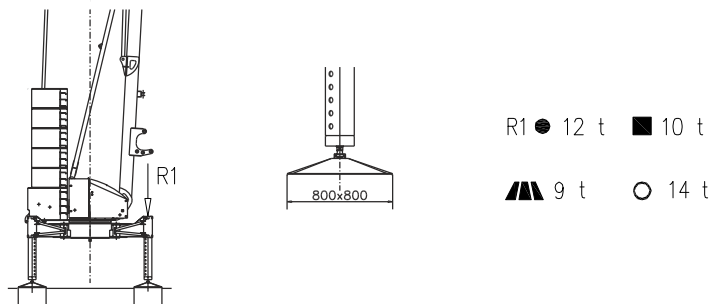
Technische Datenblätter

# KK 724

## Lastkurven | Courbes de charges | Load diagrams | Curve di carico | Curvas de cargas

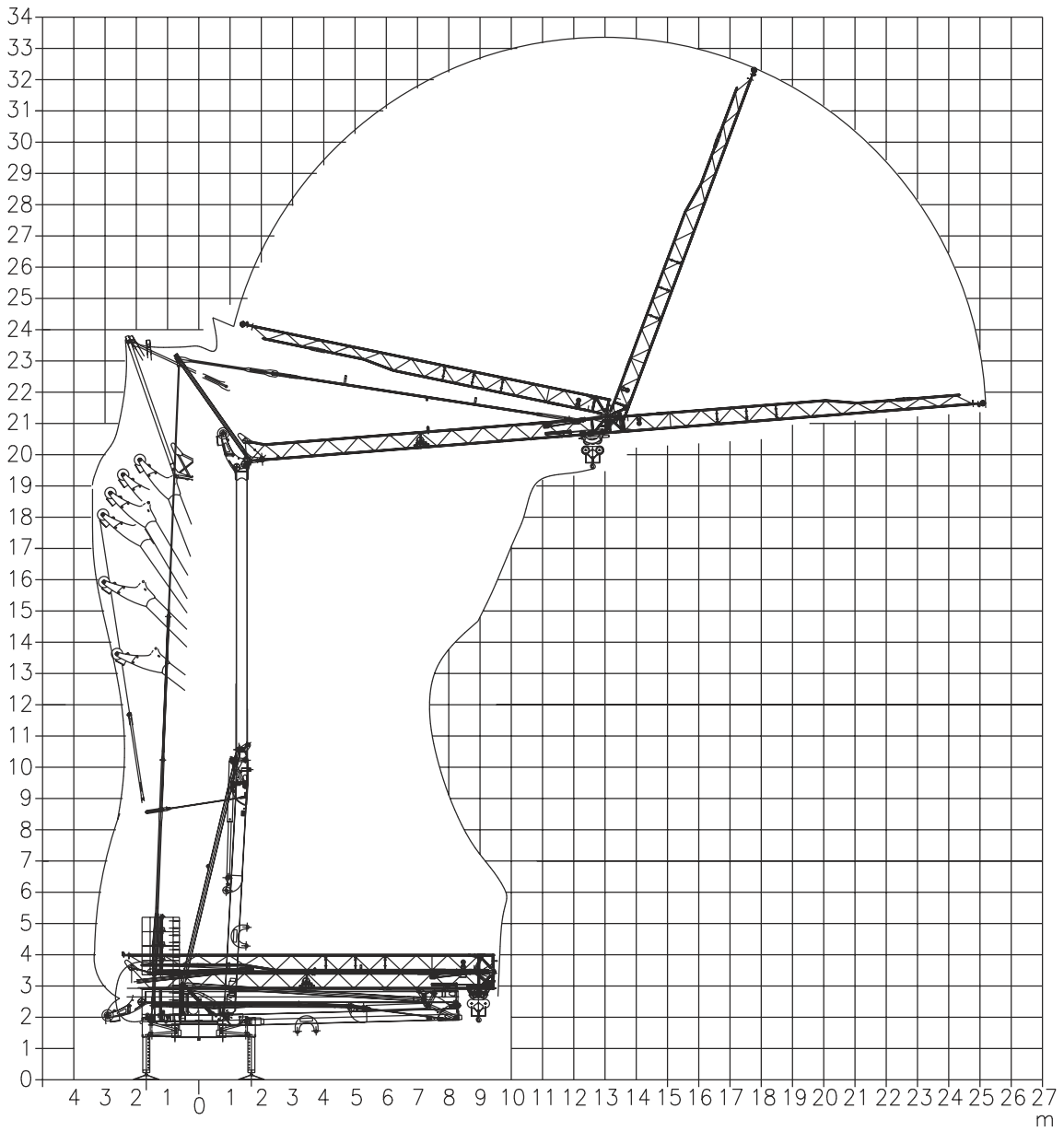
	<table border="1"> <tr> <td>3</td> <td>19</td> <td>21</td> <td>m</td> </tr> <tr> <td>1800</td> <td>850</td> <td>700</td> <td>kg</td> </tr> </table>	3	19	21	m	1800	850	700	kg						
3	19	21	m												
1800	850	700	kg												
	<table border="1"> <tr> <td>3</td> <td>22</td> <td>23,8</td> <td>m</td> </tr> <tr> <td>600</td> <td>600</td> <td>600</td> <td>kg</td> </tr> </table>	3	22	23,8	m	600	600	600	kg						
3	22	23,8	m												
600	600	600	kg												
	<table border="1"> <tr> <td>3</td> <td>11,2</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> <td>m</td> </tr> <tr> <td>1800</td> <td>1800</td> <td>1650</td> <td>1155</td> <td>875</td> <td>700</td> <td>kg</td> </tr> </table>	3	11,2	12	16	20	24	m	1800	1800	1650	1155	875	700	kg
3	11,2	12	16	20	24	m									
1800	1800	1650	1155	875	700	kg									
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3	12,5	m													
1800	1800	kg													

## Eckdrücke | Reactions | Réactions | Reazioni | Reacciones | Reacções

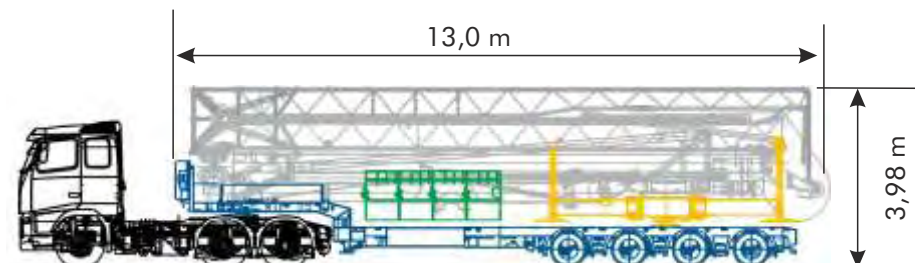


- Reaktionskräfte in Betrieb | Reazioni in servizio | Reactions in service | Réactions en service  
Reacciones en servicio | Em serviço
- Reaktionskräfte außer Betrieb | Reazioni fuori servizio | Reactions out of service | Réactions hors service  
Reacciones fuera de servicio | Fora de serviço
- ▲ Konstruktionsgewicht ohne Transportachse | Peso della gru senza assali | Dead weight without transport axles  
Poids de construction sans eissieux | Peso de la grua sin tren de transporte | Peso de grua sem carro de transporte
- Ballastgewicht | Peso zavorra rotante | Ballast weight | Poids du lest  
Peso de lastre | Peso de lastre rotativo

Montage | Montage | Erection | Montaggio | Montaje | Montagem



Transport | Transport | Transport | Trasporto | Transporte



# KK 724

## Antriebe | Mechanisms | Mécanismes | Meccanismi | Mecanismos

V7,5.30 230 Volt Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao					 	V7,5.30 5.5 kW (7.5 Hp) 2-11 kVA 
	m/min	4	11	25		
	t	1.8	1.8	0.7		
		4	16	30		
		1.8	1.8	0.7		

V7,5.30 400 Volt Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao					 	V7,5.30 5.5 kW (7.5 Hp) 11 kVA 
	m/min	4	11	30		
	t	1.8	1.8	0.7		
		4	16	30		
		1.8	1.8	0.7		

Carrello Trolleying Distribuciòn Katzfahren Distribuiçao			2a	0 → 30	m/min	2.2 kW (Hp 3)
			1a			
Rotazione Slewing Orientaciòn Schwenken Rotaçao			1a	0 → 0.8	giri/min tr/min rp/min	2.2 kW (Hp 3)
			2a			
			3a			

**Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica** **230/400 V - 50 Hz**

**Potenza elettrica necessaria | Puissance électrique nécessaire | Necessary electric power**  
**Anschlusswert | Potencia electrica necesaria** **1/3PH 2-11 kVA**

**FEM 1.001-A3 2000/14/CE**

**KramerKran**  
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 79843 Löffingen

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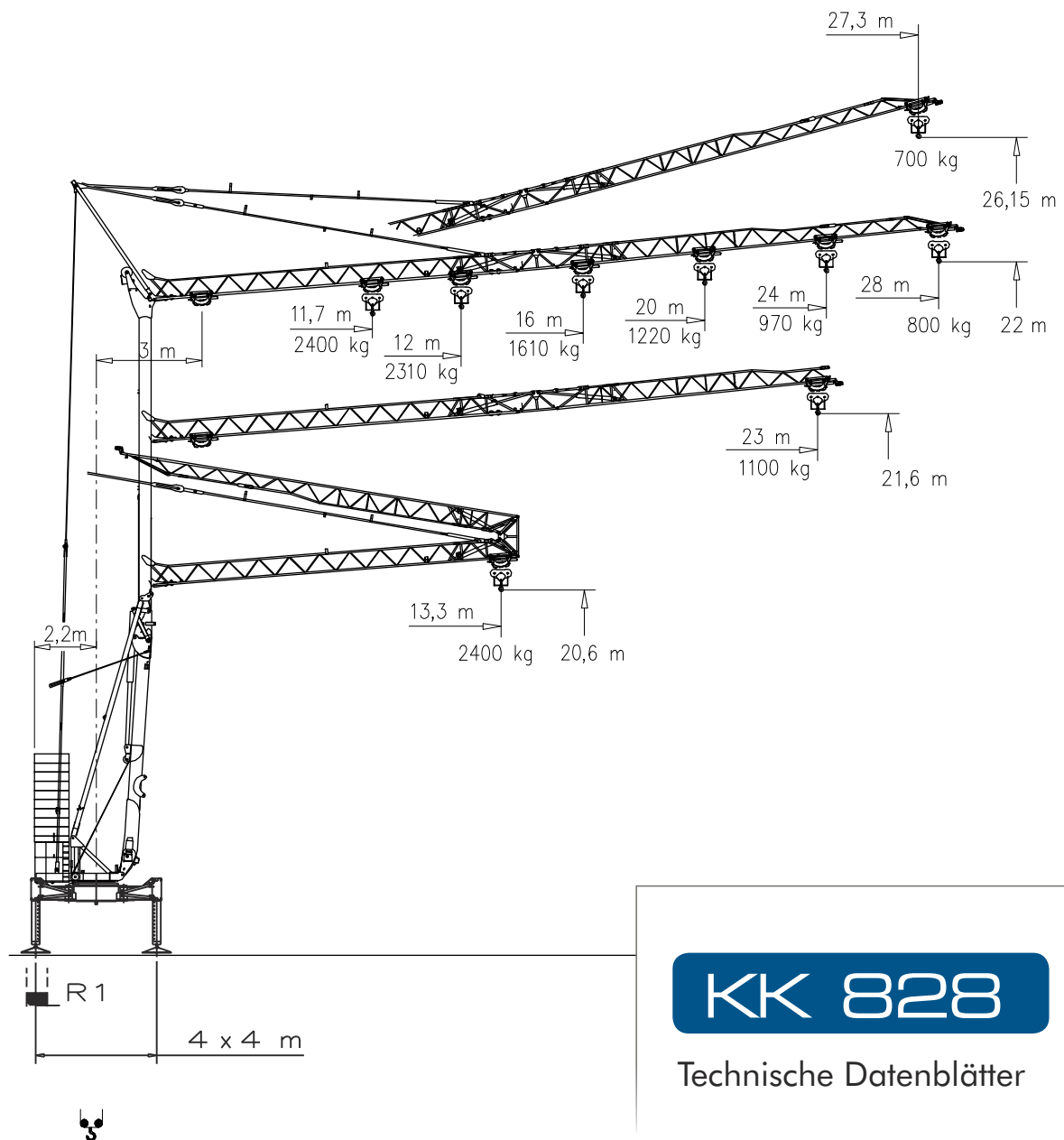
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neue Idee - neue Lösung



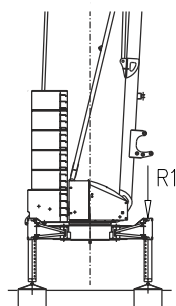
**KK 828**

Technische Datenblätter

## Lastkurven | Courbes de charges | Load diagrams | Curve di carico | Curvas de cargas

	<table border="1"> <tr> <td>3</td> <td>23</td> <td>27,3</td> <td>m</td> </tr> <tr> <td>700</td> <td>700</td> <td>700</td> <td>kg</td> </tr> </table>	3	23	27,3	m	700	700	700	kg								
3	23	27,3	m														
700	700	700	kg														
	<table border="1"> <tr> <td>3</td> <td>11,7</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> <td>28</td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>2310</td> <td>1610</td> <td>1220</td> <td>970</td> <td>800</td> <td>kg</td> </tr> </table>	3	11,7	12	16	20	24	28	m	2400	2400	2310	1610	1220	970	800	kg
3	11,7	12	16	20	24	28	m										
2400	2400	2310	1610	1220	970	800	kg										
	<table border="1"> <tr> <td>3</td> <td>12,7</td> <td>16</td> <td>20</td> <td>23</td> <td></td> <td></td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>1810</td> <td>1375</td> <td>1100</td> <td></td> <td></td> <td>kg</td> </tr> </table>	3	12,7	16	20	23			m	2400	2400	1810	1375	1100			kg
3	12,7	16	20	23			m										
2400	2400	1810	1375	1100			kg										
	<table border="1"> <tr> <td>3</td> <td>13,3</td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>kg</td> </tr> </table>	3	13,3	m	2400	2400	kg										
3	13,3	m															
2400	2400	kg															

## Eckdrücke | Reactions | Réactions | Reazioni | Reacciones | Reacções



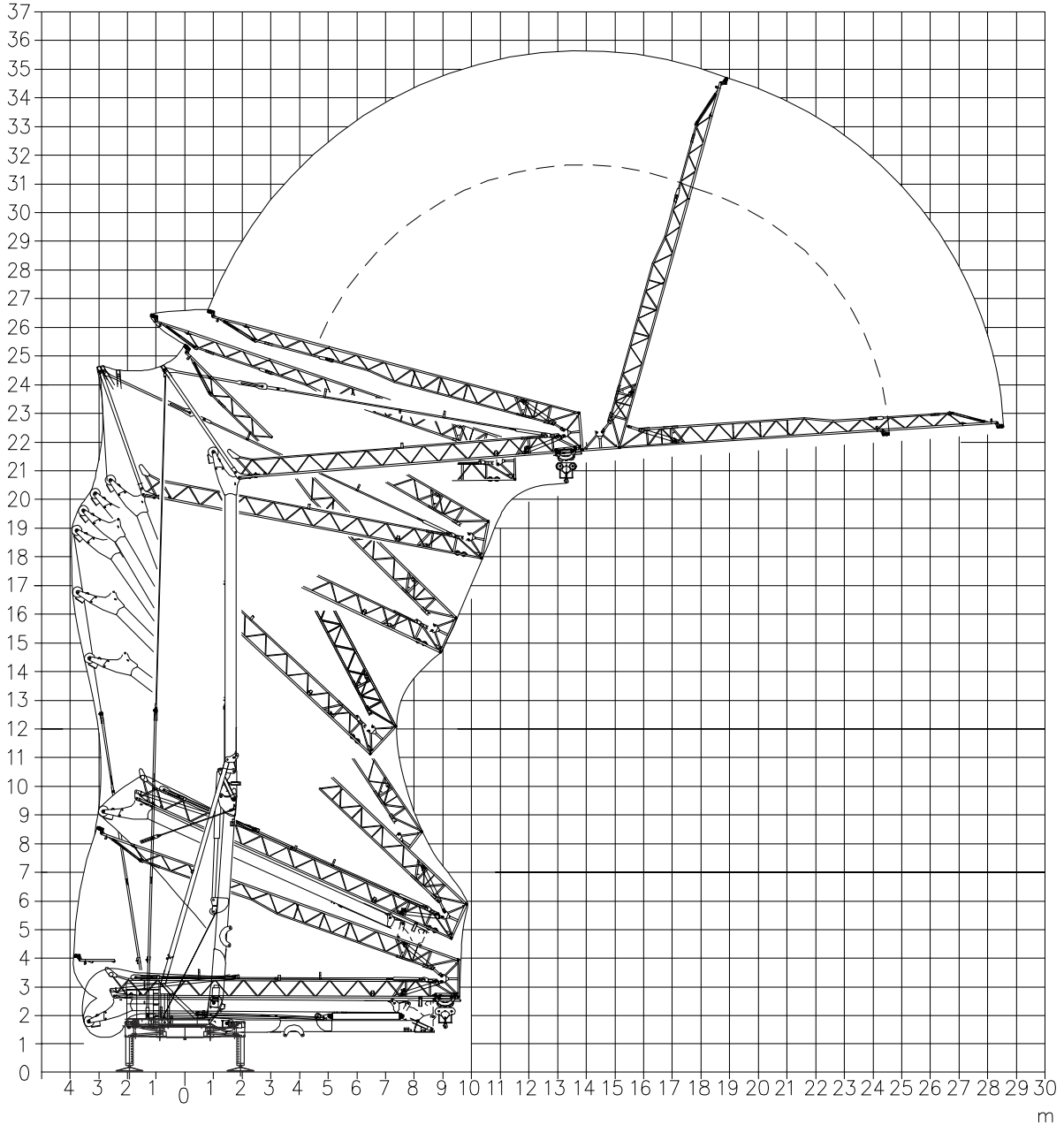
R1 ● 16 t ■ 12 t

▲ 9,4 t ○ 18,1 t

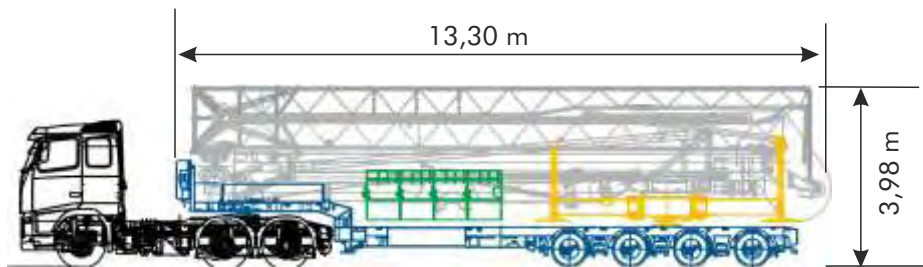
- Reaktionskräfte in Betrieb | Reazioni in servizio | Reactions in service | Réactions en service  
Reacciones en servicio | Em serviço
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Peso de lastre | Peso de lastre rotativo



Montage | Montage | Erection | Montaggio | Montaje | Montagem


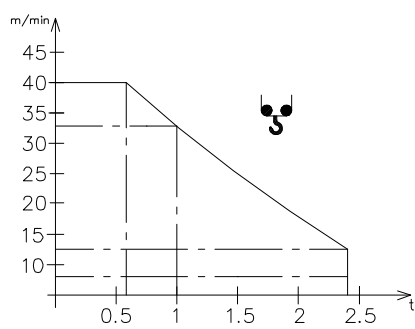









Transport | Transport | Transport | Trasporto | Transporte



# KK 828

## Antriebe | Mechanisms | Mécanismes | Meccanismi | Mecanismos

V9.32 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao						V9.32  6.6 kW (9 Hp)  17.5 kVA  
	m/min	4	13	32		
t	2.4	2.4	1.0	0.6		

Carrello Trolleying Distribuciòn			2a	0 → 30	m/min	2.2 kW (Hp 3)
			1a			
			2a			
Rotazione Slewing Orientaciòn			1a	0 → 0.8	giri/min tr/min rp/min	2.2 kW (Hp 3)
			2a			
			3a			

**Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica** **400 V - 50 Hz**

**Potenza elettrica necessaria | Puissance électrique nécessaire | Necessary electric power**  
**Anschlusswert | Potencia electrica necesaria** **17,5 kVA**

**FEM 1.001-A3 2000/14/CE**

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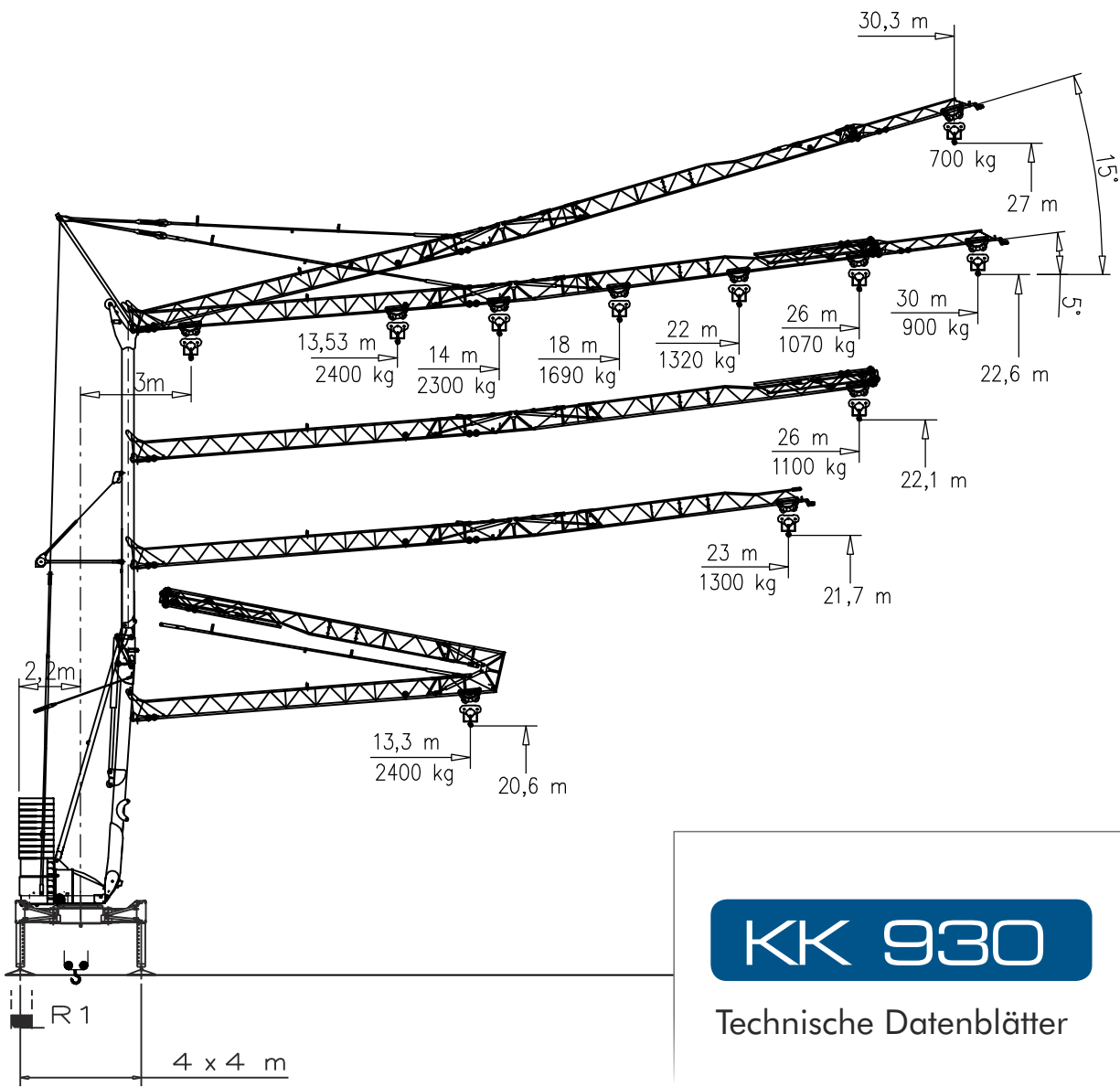
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neue Idee - neue Lösung


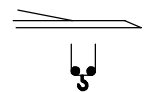
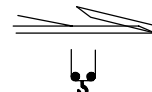
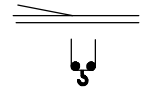
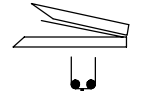


**KK 930**

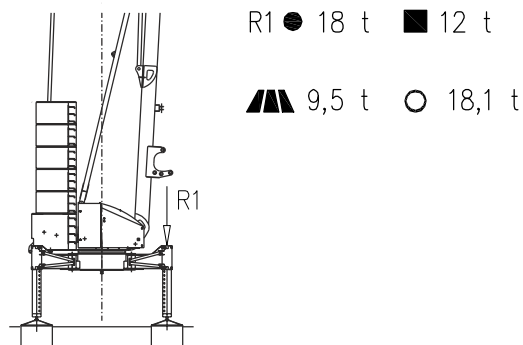
Technische Datenblätter

# KK 930

## Curve di carico – Courbes de charges – Load diagrams – LastKurven – Curvas de cargas

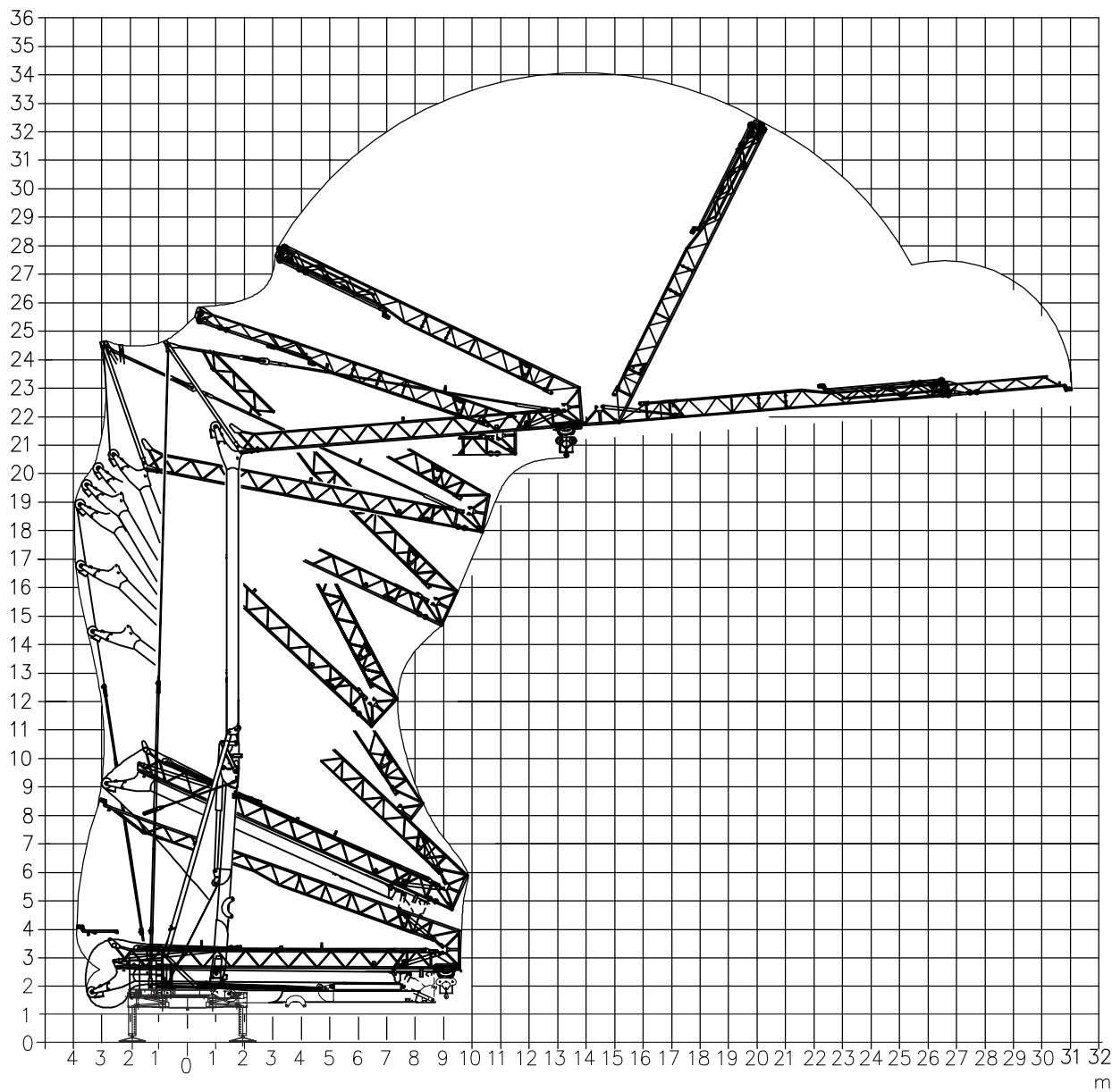
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3	24	27	30,3	m																	
700	700	700	700	kg																	
	<table border="1"> <tr> <td>3</td> <td>13,53</td> <td>14</td> <td>18</td> <td>22</td> <td>26</td> <td>30</td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>2300</td> <td>1690</td> <td>1320</td> <td>1070</td> <td>900</td> <td>kg</td> </tr> </table>	3	13,53	14	18	22	26	30	m	2400	2400	2300	1690	1320	1070	900	kg				
3	13,53	14	18	22	26	30	m														
2400	2400	2300	1690	1320	1070	900	kg														
	<table border="1"> <tr> <td>3</td> <td>13,7</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> <td>26</td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>2350</td> <td>2000</td> <td>1720</td> <td>1510</td> <td>1350</td> <td>1210</td> <td>1100</td> <td>kg</td> </tr> </table>	3	13,7	14	16	18	20	22	24	26	m	2400	2400	2350	2000	1720	1510	1350	1210	1100	kg
3	13,7	14	16	18	20	22	24	26	m												
2400	2400	2350	2000	1720	1510	1350	1210	1100	kg												
	<table border="1"> <tr> <td>3</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>21</td> <td>23</td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>2020</td> <td>1750</td> <td>1540</td> <td>1450</td> <td>1300</td> <td>kg</td> </tr> </table>	3	14	16	18	20	21	23	m	2400	2400	2020	1750	1540	1450	1300	kg				
3	14	16	18	20	21	23	m														
2400	2400	2020	1750	1540	1450	1300	kg														
	<table border="1"> <tr> <td>3</td> <td>13,3</td> <td>m</td> </tr> <tr> <td>2400</td> <td>2400</td> <td>kg</td> </tr> </table>	3	13,3	m	2400	2400	kg														
3	13,3	m																			
2400	2400	kg																			

## Reazioni – Reactions – Réactions – Eckdrücke – Reacciones

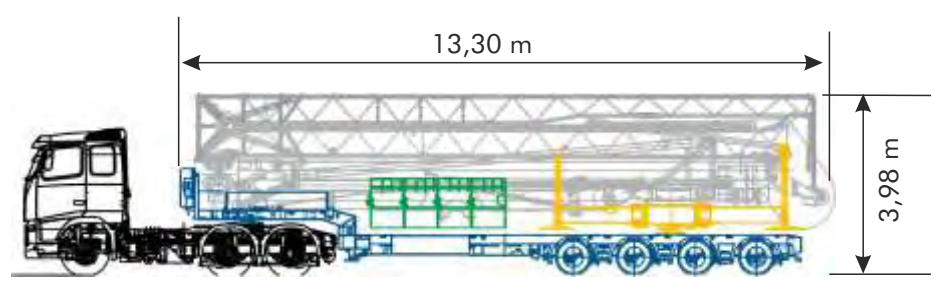



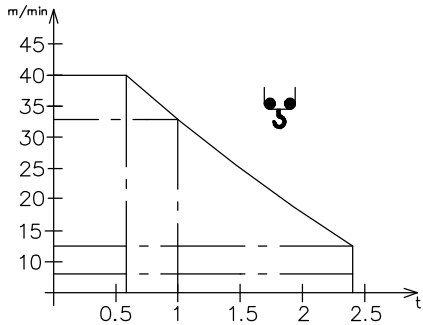

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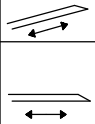


Montaggio – Montage – Erection – Montage – Montaje



Trasporto – Transport – Transport – Transport – Transporte



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			1a			
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			2a			
			3a			

Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica

400 V - 50 Hz

Potenza elettrica necessaria | Puissance électrique nécessaire | Necessary electric power  
Anschlusswert | Potencia electrica necesaria

17,5 kVA

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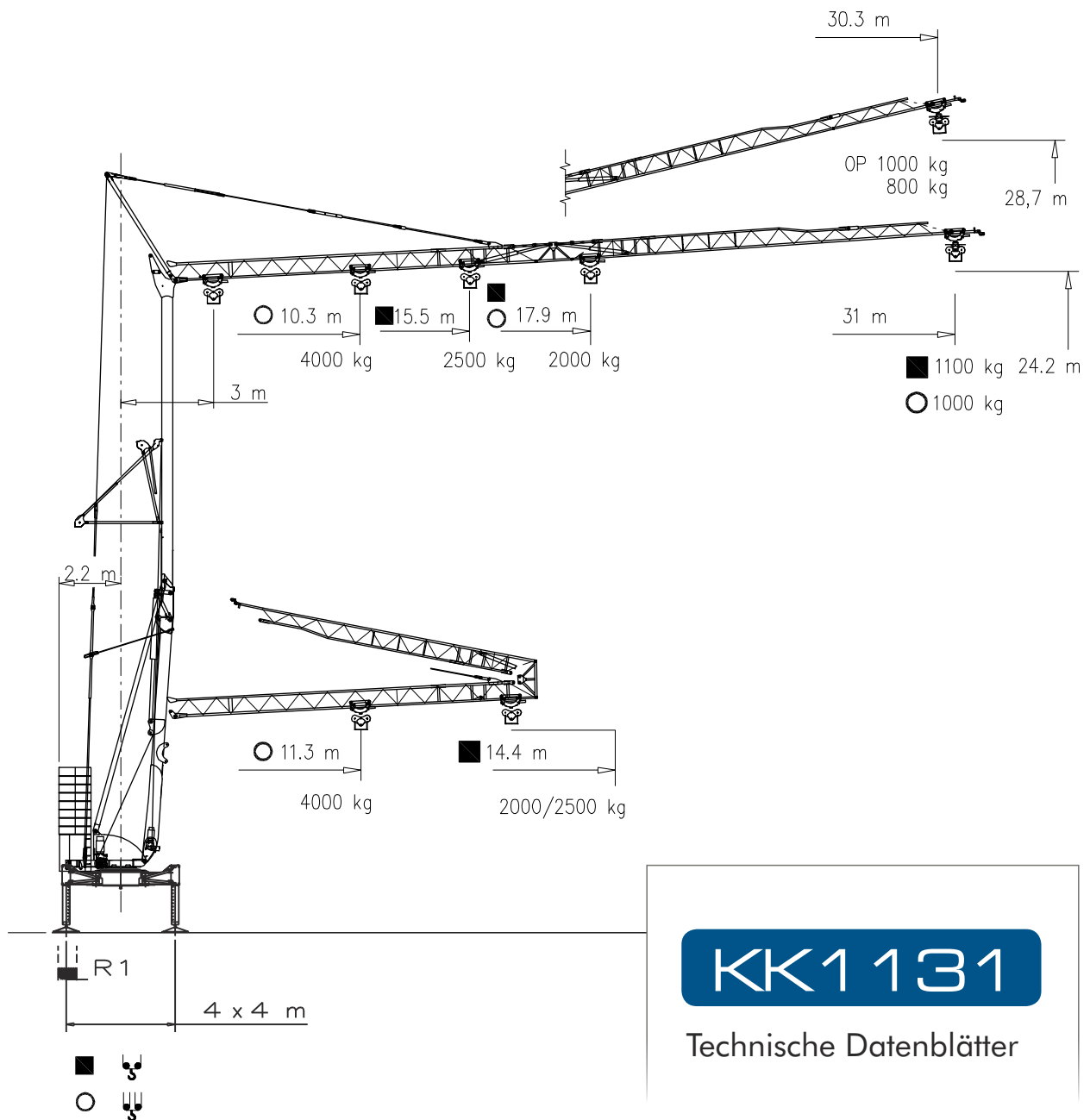
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**KK1131**

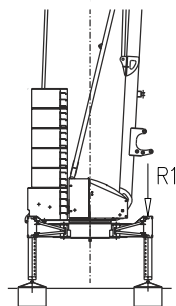
Technische Datenblätter

# KK1131

## Lastkurven | Courbes de charges | Load diagrams | Curve di carico | Curvas de cargas

	<table border="1"> <tr> <td>3</td><td>25</td><td>30,3</td><td>m</td><td>OP</td><td>3</td><td>25</td><td>30,3</td><td>m</td> </tr> <tr> <td>800</td><td>800</td><td>800</td><td>kg</td><td></td><td>1000</td><td>1000</td><td>1000</td><td>kg</td> </tr> </table>	3	25	30,3	m	OP	3	25	30,3	m	800	800	800	kg		1000	1000	1000	kg			
3	25	30,3	m	OP	3	25	30,3	m														
800	800	800	kg		1000	1000	1000	kg														
	<table border="1"> <tr> <td>3</td><td>10.3</td><td>12</td><td>16</td><td>20</td><td>24</td><td>28</td><td>31</td><td>m</td> </tr> <tr> <td>4000</td><td>4000</td><td>3290</td><td>2290</td><td>1735</td><td>1380</td><td>1135</td><td>1000</td><td>kg</td> </tr> </table>	3	10.3	12	16	20	24	28	31	m	4000	4000	3290	2290	1735	1380	1135	1000	kg			
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4000	4000	3290	2290	1735	1380	1135	1000	kg														
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3	15.5	16	20	24	28	31	m															
2500	2500	2445	1865	1500	1240	1100	kg															
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	3	11.3	14.4	m																		
4000	4000	3000	kg																			
3	14.4	m																				
2000	2000	kg																				
3	14.4	m																				
2500	2500	kg																				

## Eckdrücke | Reactions | Réactions | Reazioni | Reacciones | Reacções



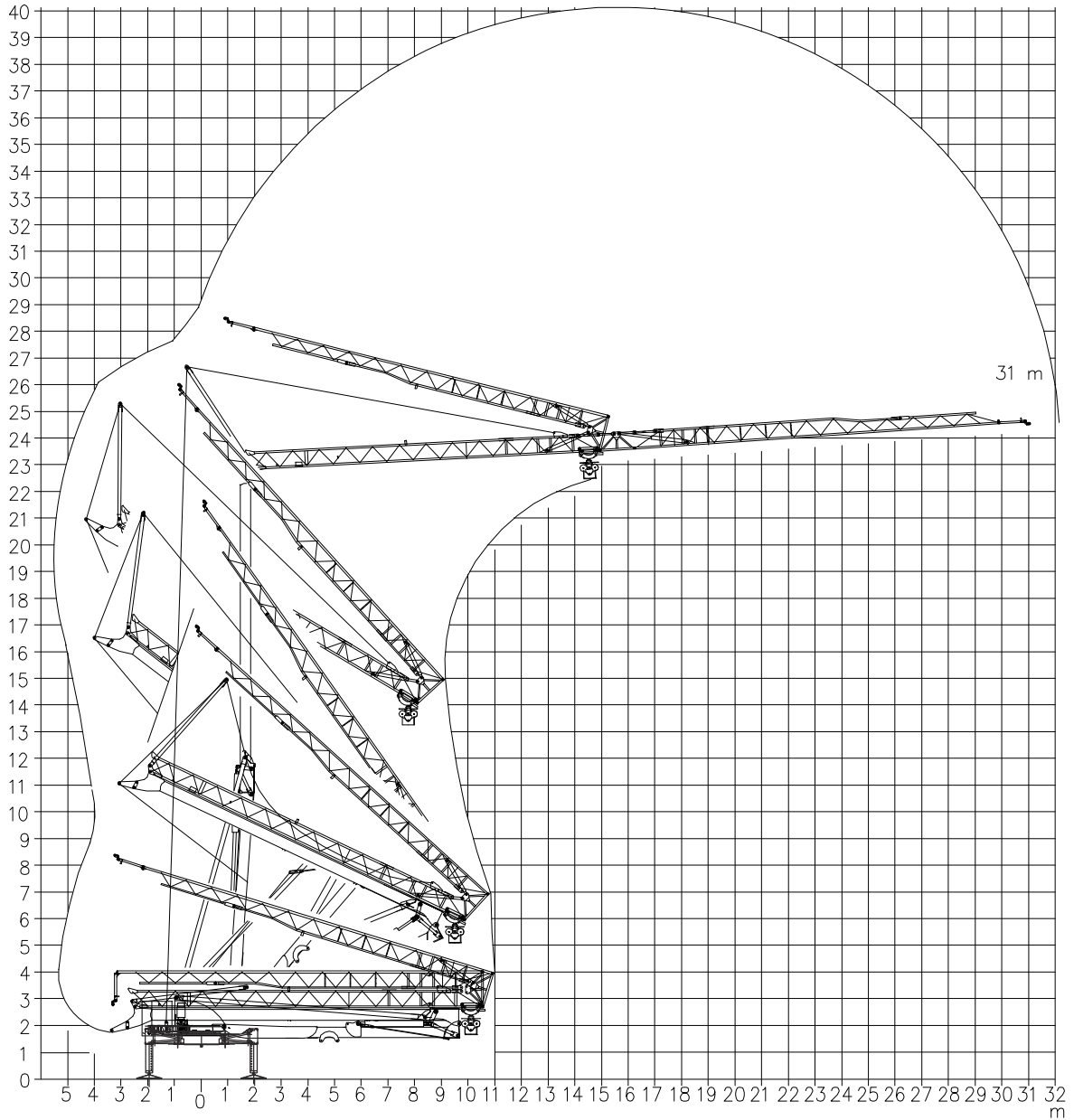
R1 ● 22 t ■ 15 t

▲ 12.7 t ○ 25.6 t

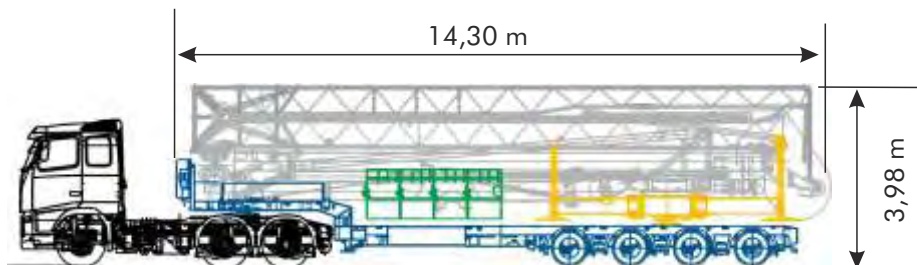
- Reaktionskräfte in Betrieb | Reazioni in servizio | Reactions in service | Réactions en service  
Reacciones en servicio | Em serviço
- Reaktionskräfte außer Betrieb | Reazioni fuori servizio | Reactions out of service | Réactions hors service  
Reacciones fuera de servicio | Fora de serviço
- ▲ Konstruktionsgewicht ohne Transportachse | Peso della gru senza assali | Dead weight without transport axles  
Poids de construction sans eissieux | Peso de la grua sin tren de transporte | Peso de grua sem carro de transporte
- Ballastgewicht | Peso zavorra rotante | Ballast weight | Poids du lest  
Peso de lastre | Peso de lastre rotativo



Montage | Montage | Erection | Montaggio | Montaje | Montagem


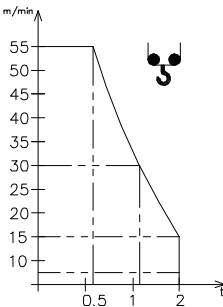
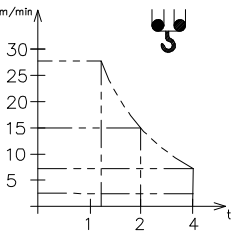
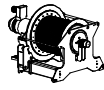

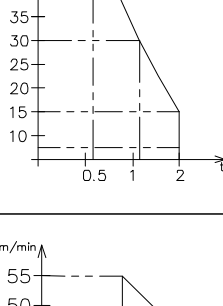
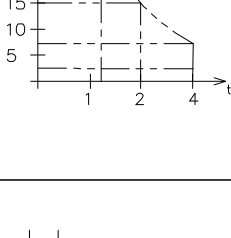

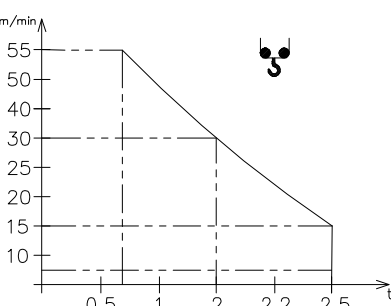
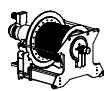








Transport | Transport | Transport | Trasporto | Transporte



# KK1131

## Antriebe | Mechanisms | Mécanismes | Meccanismi | Mecanismos

V12.40 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao	m/min	 4    15    30    55						V12.40  8.8 kW (12 Hp) 18 kVA  
	t	2.0    2.0    1.1    0.6						
	m/min	 2    7.5    15    27.5						
	t	4.0    4.0    2.0    1.2						
V15.45 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao	m/min	 4    15    30    55					V15.45  11 kW (15 Hp) 20 kVA  	
	t	2.5    2.5    2.0    0.7						

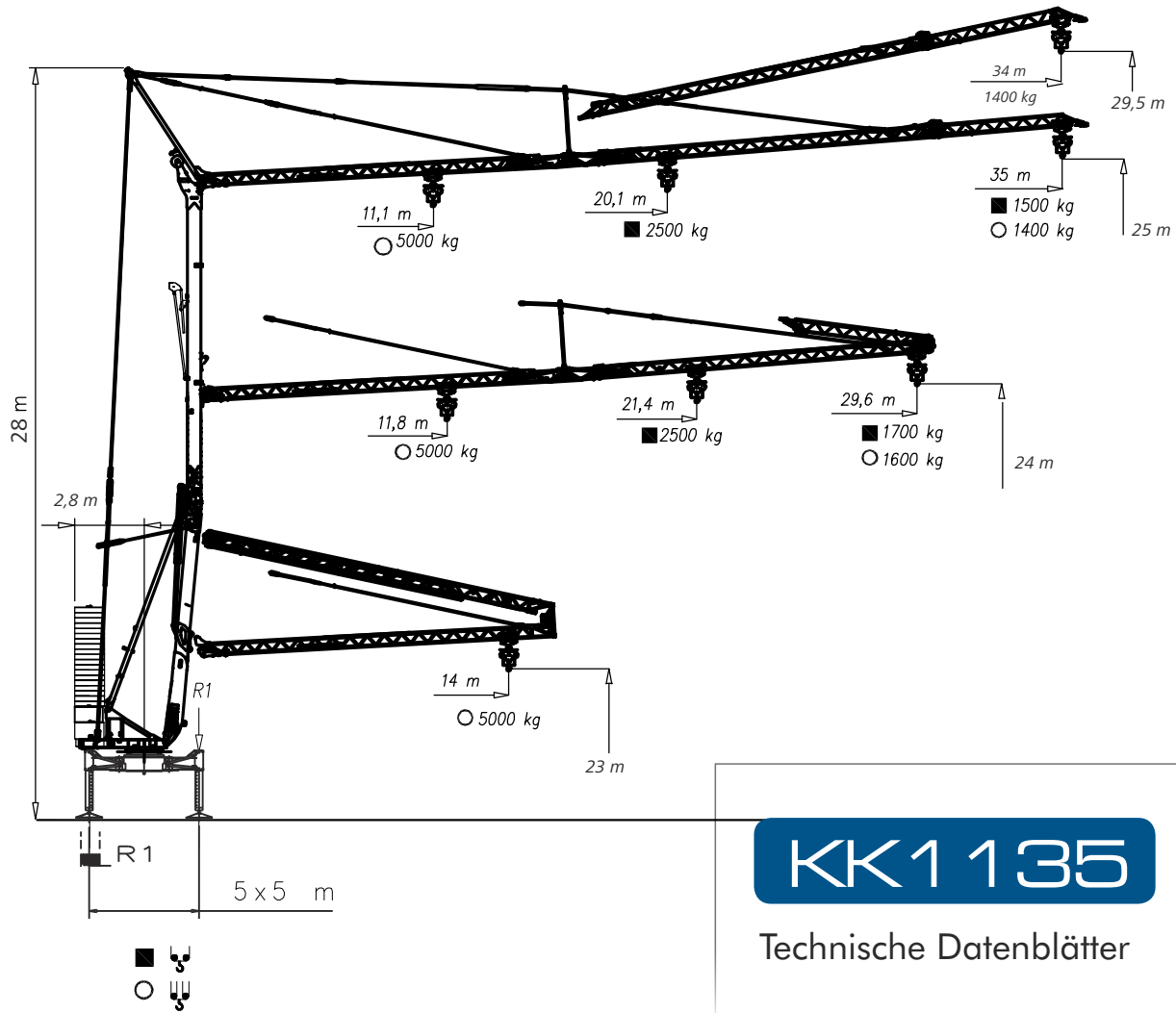
Carrello Trolleying Distribuciòn			1a	0 —> 45	m/min	2.2 kW / 3 kW
			2a			
			3a			
			1a	0 —> 17	m/min	3 kW
			2a			
			3a			
Rotazione Slewing Orientaciòn			1a	0 —> 0.8	giri/min tr/min rp/min	2.2 kW
			2a			
			3a			

Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica **400 V - 50 Hz**

Potenza elettrica necessaria | Puissance électrique nécessaire | Necessary electric power **V12.40 18 kVA**  
Anschlusswert | Potencia electrica necesaria **V15.45 20 kVA**

Conforme alla direttiva 2000/14/CE sul livello acustico  
Conforme à la directive 2000/14/CE sur le niveau acoustique  
In compliance with the 2000/14/CE instruction on noise level  
Germäss EWG-Richtlinie 2000/14/CE über Schall-Leistungspegel  
Conforme con la direttiva 2000/14/CE sobre el nivel acustico **FEM 1.001 – A3**


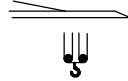
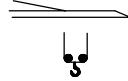
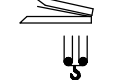
Tief laden - hoch aufbauen:  
mit »KramerKran Verlegesysteme«  
neue Idee - neue Lösung



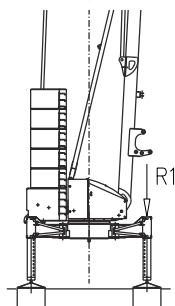
**KK1 135**  
Technische Datenblätter

# KK1 135

## Lastkurven | Courbes de charges | Load diagrams | Curve di carico | Curvas de cargas

	<table border="1"> <tr> <td>3</td> <td>20</td> <td>39</td> <td>m</td> </tr> <tr> <td>1000</td> <td>1000</td> <td>1000</td> <td>kg</td> </tr> </table>	3	20	39	m	1000	1000	1000	kg																																												
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	<table border="1"> <tr> <td>12,5</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> <td>26</td> <td>28</td> <td>30</td> <td>32</td> <td>34</td> <td>35</td> <td>m</td> </tr> <tr> <td>5000</td> <td>4320</td> <td>3660</td> <td>3160</td> <td>2780</td> <td>2470</td> <td>2220</td> <td>2010</td> <td>1840</td> <td>1690</td> <td>1560</td> <td>1450</td> <td>1400</td> <td>kg</td> </tr> </table> <table border="1"> <tr> <td>11,9</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> <td>26</td> <td>28</td> <td>29.6</td> <td>m</td> </tr> <tr> <td>5000</td> <td>4910</td> <td>4030</td> <td>3410</td> <td>2950</td> <td>2590</td> <td>2300</td> <td>2070</td> <td>1880</td> <td>1710</td> <td>1600</td> <td>kg</td> </tr> </table>	12,5	14	16	18	20	22	24	26	28	30	32	34	35	m	5000	4320	3660	3160	2780	2470	2220	2010	1840	1690	1560	1450	1400	kg	11,9	12	14	16	18	20	22	24	26	28	29.6	m	5000	4910	4030	3410	2950	2590	2300	2070	1880	1710	1600	kg
12,5	14	16	18	20	22	24	26	28	30	32	34	35	m																																								
5000	4320	3660	3160	2780	2470	2220	2010	1840	1690	1560	1450	1400	kg																																								
11,9	12	14	16	18	20	22	24	26	28	29.6	m																																										
5000	4910	4030	3410	2950	2590	2300	2070	1880	1710	1600	kg																																										
	<table border="1"> <tr> <td>22,7</td> <td>24</td> <td>26</td> <td>28</td> <td>30</td> <td>32</td> <td>34</td> <td>35</td> <td>m</td> </tr> <tr> <td>2500</td> <td>2340</td> <td>2130</td> <td>1950</td> <td>1800</td> <td>1670</td> <td>1550</td> <td>1500</td> <td>kg</td> </tr> </table> <table border="1"> <tr> <td>21,4</td> <td>22</td> <td>24</td> <td>26</td> <td>28</td> <td>29.6</td> <td>m</td> </tr> <tr> <td>2500</td> <td>2410</td> <td>2180</td> <td>1980</td> <td>1810</td> <td>1700</td> <td>kg</td> </tr> </table>	22,7	24	26	28	30	32	34	35	m	2500	2340	2130	1950	1800	1670	1550	1500	kg	21,4	22	24	26	28	29.6	m	2500	2410	2180	1980	1810	1700	kg																				
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3	14	m																																																			
5000	5000	kg																																																			

## Eckdrücke | Reactions | Réactions | Reazioni | Reacciones | Reações



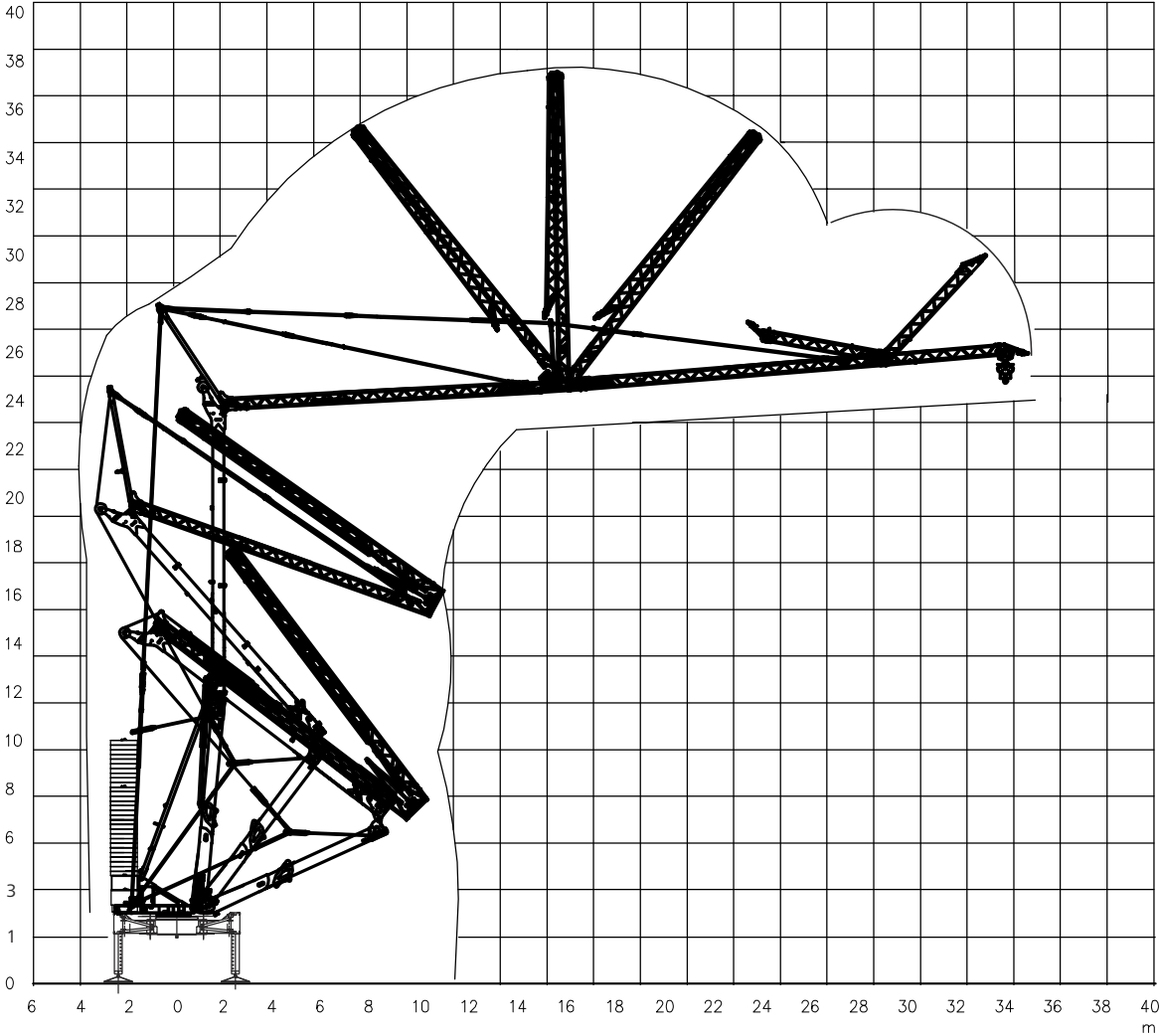
R1 ● 31 t ■ 24 t

▲ 17.5 t ○ 30.6 t

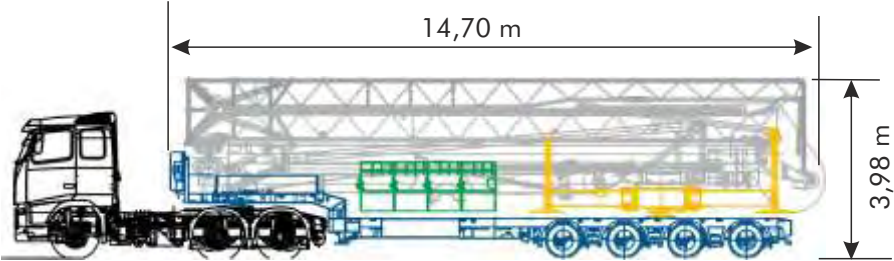
- Reaktionskräfte in Betrieb | Reazioni in servizio | Reactions in service | Réactions en service  
Reacciones en servicio | Em serviço
- Reaktionskräfte außer Betrieb | Reazioni fuori servizio | Reactions out of service | Réactions hors service  
Reacciones fuera de servicio | Fora de serviço
- ▲ Konstruktionsgewicht ohne Transportachse | Peso della gru senza assali | Dead weight without transport axles  
Poids de construction sans eissieux | Peso de la grua sin tren de transporte | Peso de grua sem carro de transporte
- Ballastgewicht | Peso zavorra rotante | Ballast weight | Poids du lest  
Peso de lastre | Peso de lastre rotativo


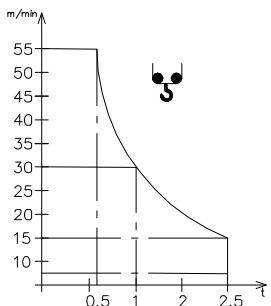
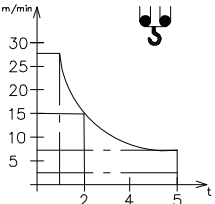



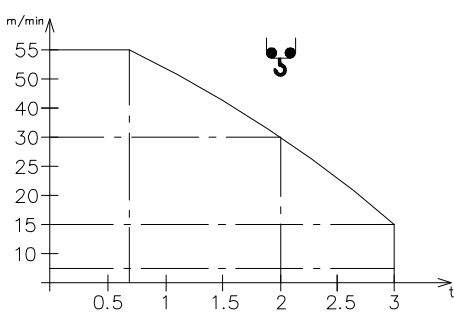

Montage | Montage | Erection | Montaggio | Montaje | Montagem







m42



Transport | Transport | Transport | Trasporto | Transporte



V12.40 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao	m/min							V12.40 8.8 kW (12 Hp) 18 kVA 
	t	4	15	30	55			
	m/min							
	t	2	7.5	15	27.5			
V15.45 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao	m/min							V15.45 11 kW (15 Hp) 20 kVA 
	t	4	15	30	55			

Carrello Trolleying Distribuciòn			1a	0 → 45	m/min	2.2 kW / 3 kW
			2a	0 → 45	m/min	2.2 kW / 3 kW
			3a	0 → 45	m/min	2.2 kW / 3 kW
			1a	0 → 17	m/min	3 kW
			2a	0 → 17	m/min	3 kW
			3a	0 → 17	m/min	3 kW
Rotazione Slewing Orientaciòn			1a	0 → 0.8	giri/min tr/min rp/min	2.2 kW
			2a	0 → 0.8	giri/min tr/min rp/min	2.2 kW
			3a	0 → 0.8	giri/min tr/min rp/min	2.2 kW

Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica

400 V - 50 Hz

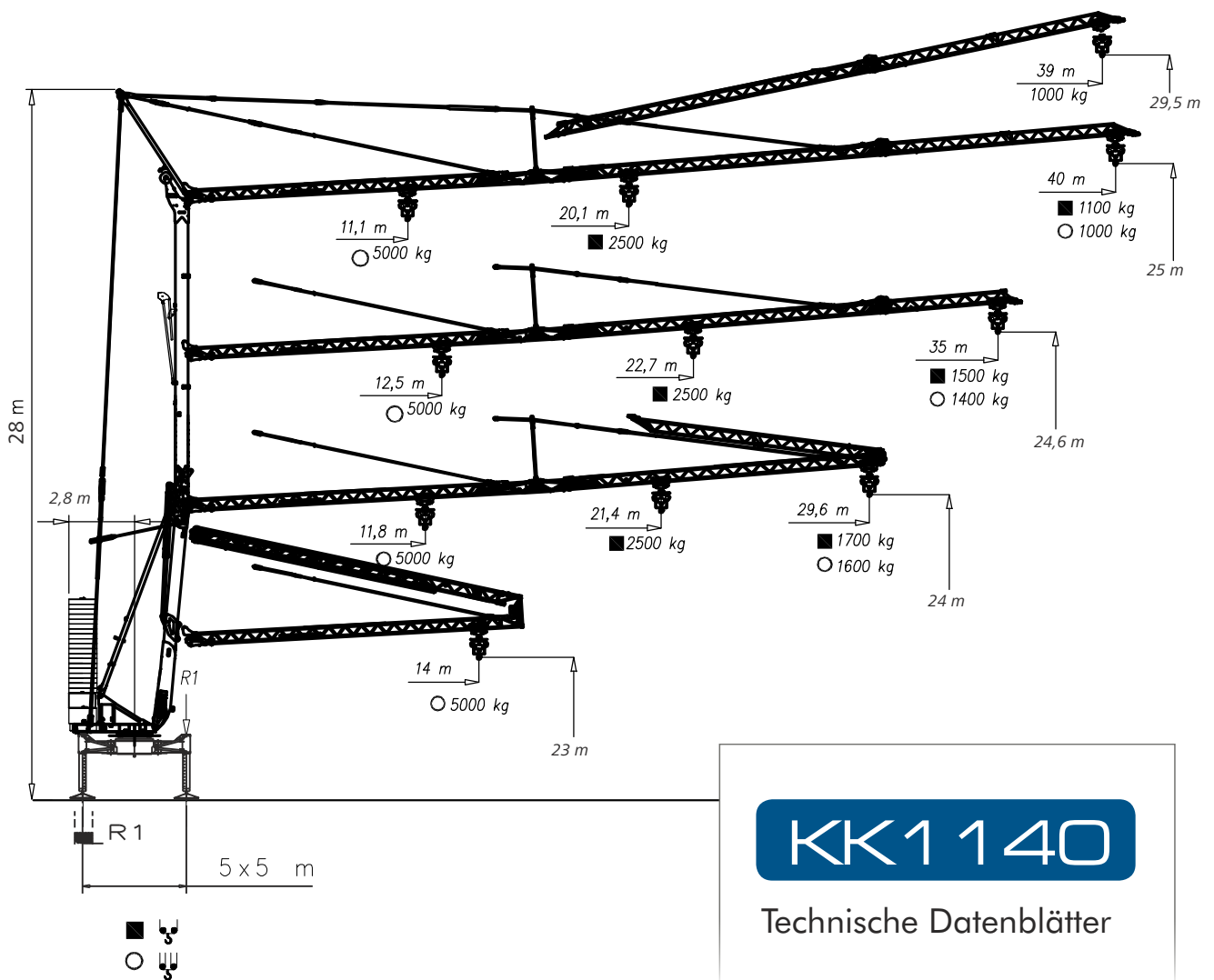
Potenza elettrica necessaria | Puissance électrique nécessaire | Necessary electric power  
Anschlusswert | Potencia electrica necesaria

V12.40 18 kVA  
V15.45 20 kVA

Conforme alla direttiva 2000/14/CE sul livello acustico  
Conforme à la directive 2000/14/CE sur le niveau acoustique  
In compliance with the 2000/14/CE instruction on noise level  
Germäss EWG-Richtlinie 2000/14/CE über Schall-Leistungspegel  
Conforme con la direttiva 2000/14/CE sobre el nivel acustico

FEM 1.001 – A3

Tief laden - hoch aufbauen:  
mit »KramerKran Verlegesysteme«  
neue Idee - neue Lösung



**KK1140**

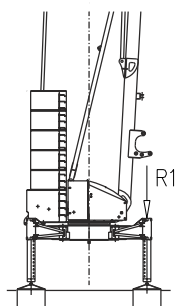
Technische Datenblätter

# KK1 140

## Lastkurven | Courbes de charges | Load diagrams | Curve di carico | Curvas de cargas

	<table border="1"> <tr> <td>3</td><td>20</td><td>39</td><td>m</td> </tr> <tr> <td>800</td><td>800</td><td>800</td><td>kg</td> </tr> </table>	3	20	39	m	800	800	800	kg	OP	<table border="1"> <tr> <td>3</td><td>20</td><td>39</td><td>m</td> </tr> <tr> <td>1000</td><td>1000</td><td>1000</td><td>kg</td> </tr> </table>	3	20	39	m	1000	1000	1000	kg																		
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800	800	800	kg																																		
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11,1	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	m																					
5000	4540	3730	3150	2720	2390	2120	1910	1730	1570	1440	1330	1230	1150	1070	1000	kg																					
	<table border="1"> <tr> <td>11,8</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td><td>26</td><td>28</td><td>29.6</td><td>m</td> </tr> <tr> <td>5000</td><td>4910</td><td>4030</td><td>3410</td><td>2950</td><td>2590</td><td>2300</td><td>2070</td><td>1880</td><td>1710</td><td>1600</td><td>kg</td> </tr> </table>	11,8	12	14	16	18	20	22	24	26	28	29.6	m	5000	4910	4030	3410	2950	2590	2300	2070	1880	1710	1600	kg												
11,8	12	14	16	18	20	22	24	26	28	29.6	m																										
5000	4910	4030	3410	2950	2590	2300	2070	1880	1710	1600	kg																										
		<table border="1"> <tr> <td>20,1</td><td>22</td><td>24</td><td>26</td><td>28</td><td>30</td><td>32</td><td>34</td><td>36</td><td>38</td><td>40</td><td>m</td> </tr> <tr> <td>2500</td><td>2250</td><td>2030</td><td>1840</td><td>1690</td><td>1550</td><td>1440</td><td>1340</td><td>1250</td><td>1170</td><td>1100</td><td>kg</td> </tr> </table>	20,1	22	24	26	28	30	32	34	36	38	40	m	2500	2250	2030	1840	1690	1550	1440	1340	1250	1170	1100	kg											
20,1	22	24	26	28	30	32	34	36	38	40	m																										
2500	2250	2030	1840	1690	1550	1440	1340	1250	1170	1100	kg																										
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21,4	22	24	26	28	29.6	m																															
2500	2410	2180	1980	1810	1700	kg																															
		<table border="1"> <tr> <td>17,3</td><td>18</td><td>20</td><td>22</td><td>24</td><td>26</td><td>28</td><td>30</td><td>32</td><td>34</td><td>36</td><td>38</td><td>40</td><td>m</td> </tr> <tr> <td>3000</td><td>2860</td><td>2520</td><td>2250</td><td>2030</td><td>1840</td><td>1690</td><td>1550</td><td>1440</td><td>1340</td><td>1250</td><td>1170</td><td>1100</td><td>kg</td> </tr> </table>	17,3	18	20	22	24	26	28	30	32	34	36	38	40	m	3000	2860	2520	2250	2030	1840	1690	1550	1440	1340	1250	1170	1100	kg							
17,3	18	20	22	24	26	28	30	32	34	36	38	40	m																								
3000	2860	2520	2250	2030	1840	1690	1550	1440	1340	1250	1170	1100	kg																								
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3000	2710	2420	2180	1980	1810	1700	kg																														
	<table border="1"> <tr> <td>3</td><td>14</td><td>m</td> </tr> <tr> <td>4000</td><td>4000</td><td>kg</td> </tr> </table>	3	14	m	4000	4000	kg		<table border="1"> <tr> <td>3</td><td>14</td><td>m</td> </tr> <tr> <td>3000</td><td>3000</td><td>kg</td> </tr> </table>	3	14	m	3000	3000	kg																						
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3000	3000	kg																																			

## Eckdrücke | Reactions | Réactions | Reazioni | Reacciones | Reacções



R1 ● 31 t ■ 24 t

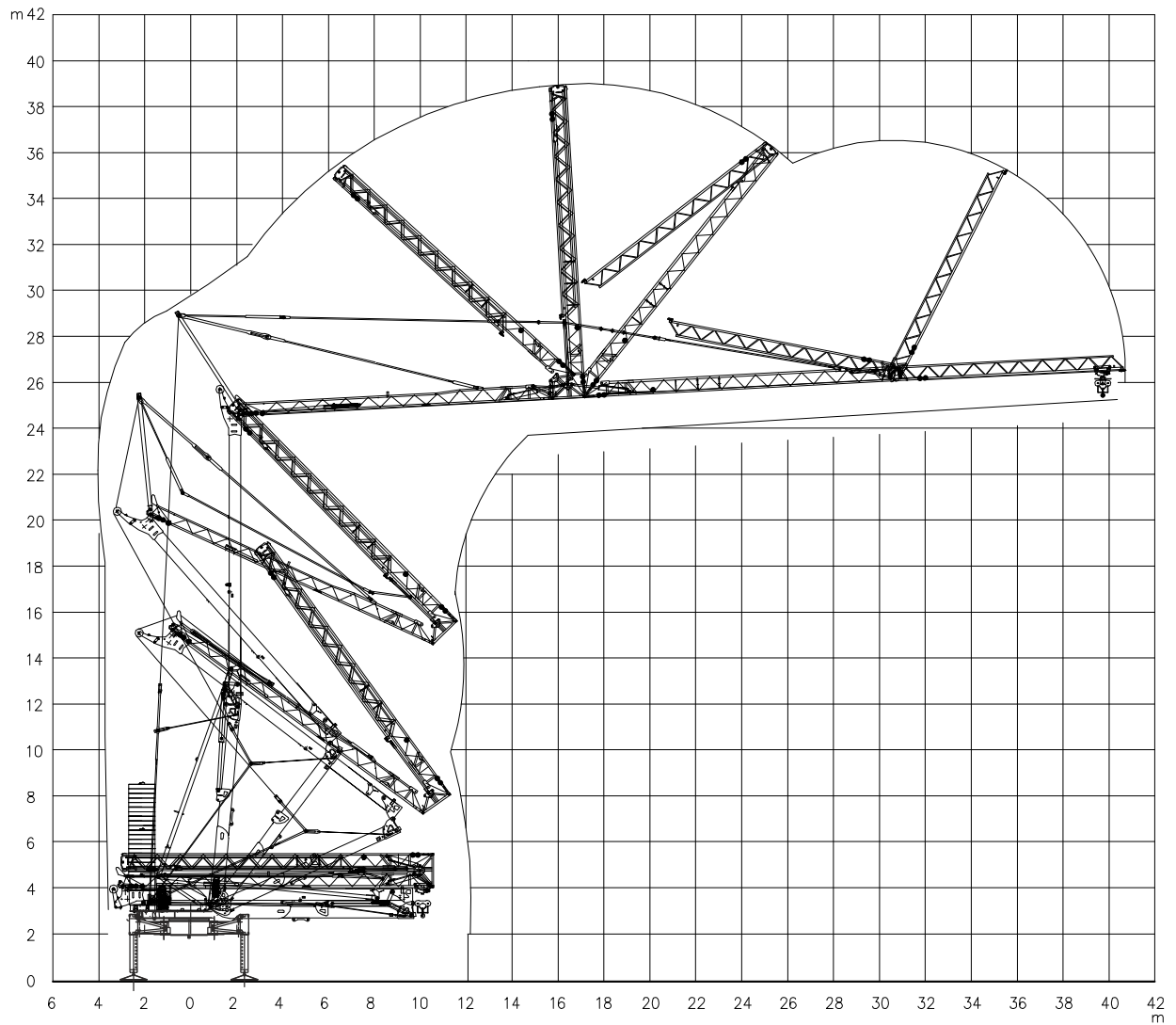
▲ 17.5 t ○ 30.6 t

- Reaktionskräfte in Betrieb | Reazioni in servizio | Reactions in service | Réactions en service  
Reacciones en servicio | Em serviço
- Reaktionskräfte außer Betrieb | Reazioni fuori servizio | Reactions out of service | Réactions hors service  
Reacciones fuera de servicio | Fora de serviço
- ▲ Konstruktionsgewicht ohne Transportachse | Peso della gru senza assali | Dead weight without transport axles  
Poids de construction sans eissieux | Peso de la grua sin tren de transporte | Peso de grua sem carro de transporte
- Ballastgewicht | Peso zavorra rotante | Ballast weight | Poids du lest  
Peso de lastre | Peso de lastre rotativo

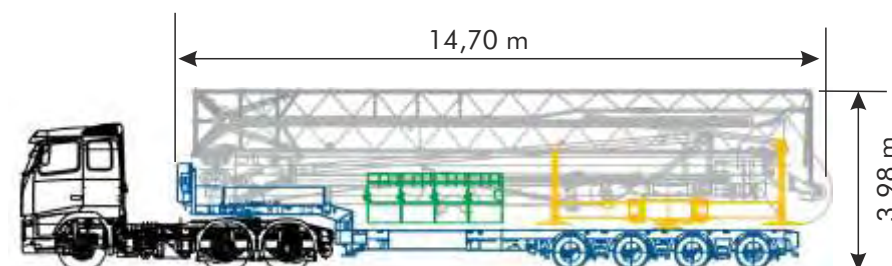


KK1140

Montage | Montage | Erection | Montaggio | Montaje | Montagem


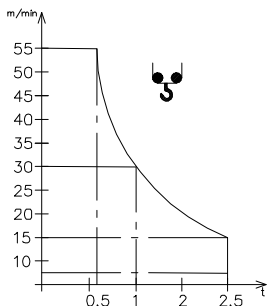
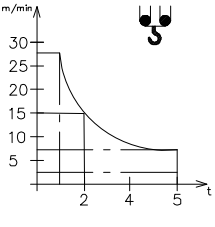


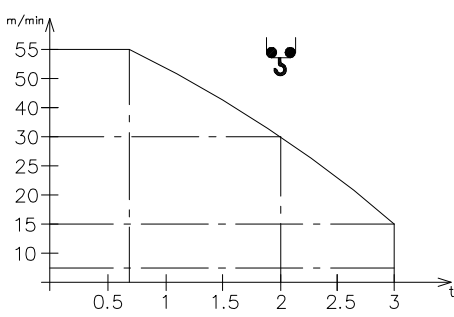







Transport | Transport | Transport | Trasporto | Transporte



# KK1 140

## Antriebe | Mechanisms | Mécanismes | Meccanismi | Mecanismos

V12.40 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao	m/min							V12.40 8.8 kW (12 Hp) 18 kVA 
	t	4	15	30	55			
V15.45 Sollevamento Hoisting Levage Heben Elevaciòn Elevaçao	m/min						V15.45 11 kW (15 Hp) 20 kVA 	
	t	4	15	30	55			

Carrello Trolleying Distribuciòn			1a	0 → 45	m/min	2.2 kW / 3 kW
			2a	0 → 17	m/min	3 kW
			3a			
Rotazione Slewing Orientaciòn			1a	0 → 17	m/min	3 kW
			2a	0 → 0.8	giri/min tr/min rp/min	2.2 kW
			3a			

Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica **400 V - 50 Hz**

Potenza elettrica necessaria | Puissance électrique nécessaire | Necessary electric power **V12.40 18 kVA**  
Anschlusswert | Potencia electrica necesaria **V15.45 20 kVA**

Conforme alla direttiva 2000/14/CE sul livello acustico  
Conforme à la directive 2000/14/CE sur le niveau acoustique  
In compliance with the 2000/14/CE instruction on noise level  
Germäss EWG-Richtlinie 2000/14/CE über Schall-Leistungspegel  
Conforme con la directiva 2000/14/CE sobre el nivel acustico **FEM 1.001 – A3**



**FÜR SCHNELLES KRAN BUSINESS  
MIT KLEINER MANPOWER**

**KRAMERKRAN - RATIONELLSTES, INTEGRIERTES  
VERLEGESYSTEM FÜR SCHNELLIGKEIT, EINFACHHEIT,  
ROBUSTHEIT UND TECHNOLOGIE-ESPRIT.**



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