



Technical Data

Specifications & Capacities

TRX32

Translation of the original instructions

[m] [kg]

04.12.2025 | REV0.1



EN 13000:2014

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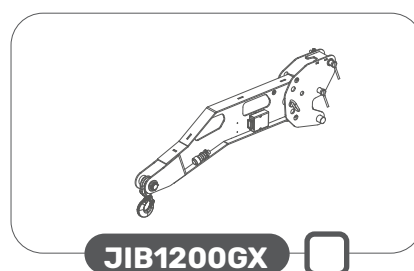
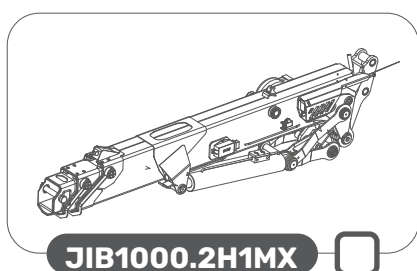
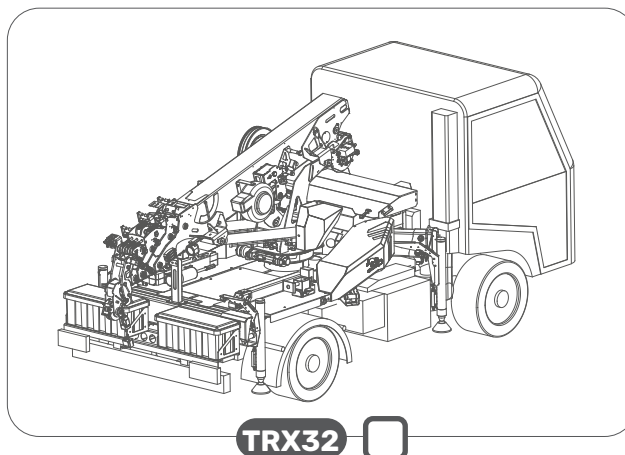
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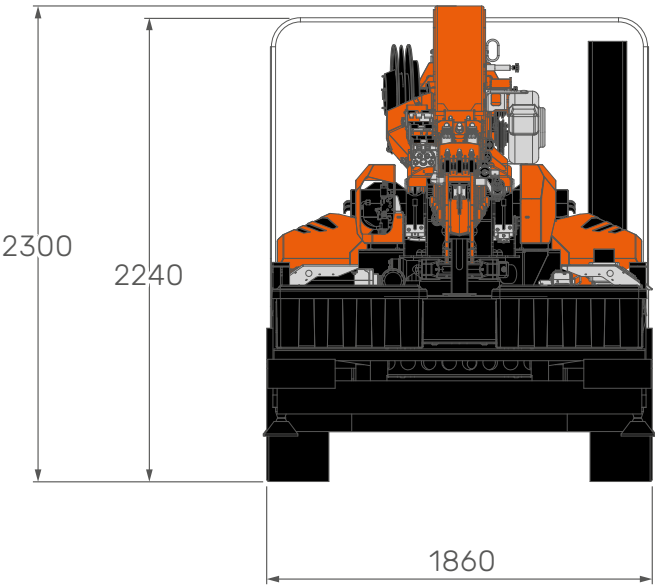
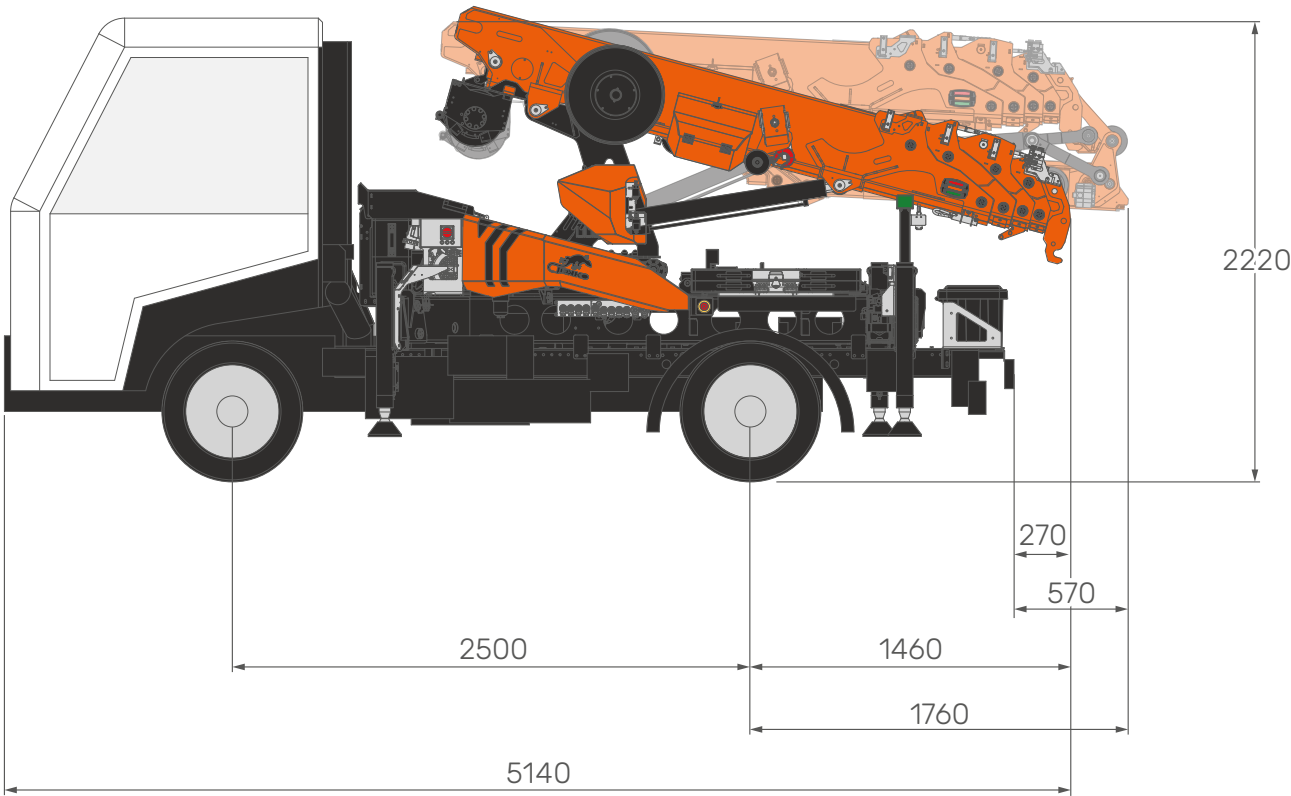
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CRANE CONFIGURATION



OVERALL DIMENSIONS



OVERALL INFORMATION

CRANE INFO

	DESCRIPTION	U.M.	VALUE
 OVERALL DIMENSIONS	Height	mm	2.300
	Length		5.140
	Width		1.860
 BOOM	Length	m	2,6/10,3
	Speed	s	47 (2,6/10,3 m)
 SLEWING	Angle	°	270°
	Speed	s	50 (0°/270°)
 LIFTING	Working Angle	°	0°/85°
	Speed	s	37 (0°/85°)
MAX CAPACITY		kg	3.200
 AXLE LOAD	Front	kg	1.900
	Rear		2.200
MAX OUTRIGGERS LOAD		kg	3.750 ^[1]
MAX GRADEABILITY		°	-° (-%)
WORKING TEMPERATURE		°C	-10°/+40°
MAX WIND SPEED IN WORKING CONDITIONS		m/s	13,8
Lifting Class (UNI 4301-1)		A1	

^[1]: Static lifting

TRX32

Overall informations

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WEIGHT		CRANE	Standard Configuration	kg	3.360 ^{[1][2]}
		HOOKBLOCK	1 ton single line hook	kg	27
			2.5T-D7		20
ACCESSORIES		JIB	1200GX	kg	30
			1000.2H1MX		240
		WINCH	W800.80	kg	75
		HYDRAULIC ACTIVATION	HA-SPX532	kg	20
	 AUX	POWERPACK	PP220-2.B-TR (CE)	kg	52
			PP400-6.B-TR (CE)		63
		OUTRIGGERS MATS	OM400.3 (x4)	kg	32

^[1]: Dry weight
^[2]: Estimated fluids weight = 80 kg

Overall informations

TRUCK



TRUCK	Power Supply	Diesel	
	Emission Standard	Euro 6D	
	Oil Flow	L/min	20/40

POWERPACK



POWER SUPPLY	PP220-2.B-TR (CE)	1 PH + N + PE		
	PP400-6.B-TR (CE)	3 PH + N + PE		
1-PHASE KIT	PP220-2.B-TR (CE)	Voltage	V	220
		Frequency	Hz	50
		Motor Power	kW	2,2
3-PHASE KIT	PP400-6.B-TR (CE)	Voltage	V	400
		Frequency	Hz	50
		Motor Power	kW	5,5
BATTERY CHARGER	PP220-2.B-TR (CE)	Charge	V	12
			Ah	10
	PP400-6.B-TR (CE)	Charge	V	12
			Ah	10

HYDRAULIC SYSTEM



MAX WORKING PRESSURE		bar	230
TANK CAPACITY		L	46
HYDRAULIC SYSTEM CAPACITY		L	70
OIL	OIL-532	Biodegradable	ISO VG46
	ARTIC-OIL-532	Mineral	ISO VG46
PUMP	Displacement	cm ³ /rev	18
	Max Oil Flow	L/min	40

WINCH

W800.80



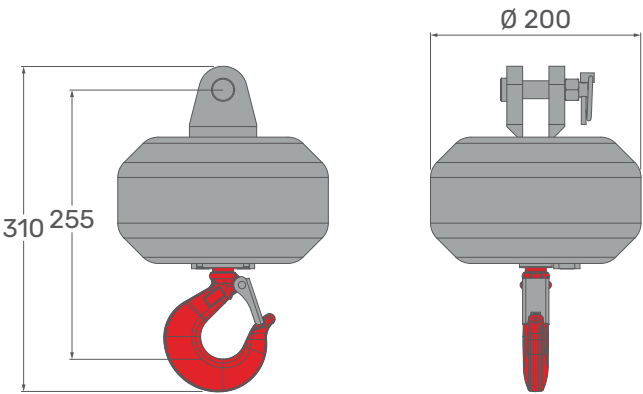
ROPE

LAYER	MAX PULL LINE	ROPE SPEED	
		SLOW	FAST
	kg	m/min	m/min
1	1.050 ^[1]	21,5	34,5
2	970 ^[1]	23	37
3	900 ^[1]	24,5	39,5
4	850 ^[1]	26,5	42
5	800 ^[1]	28	45

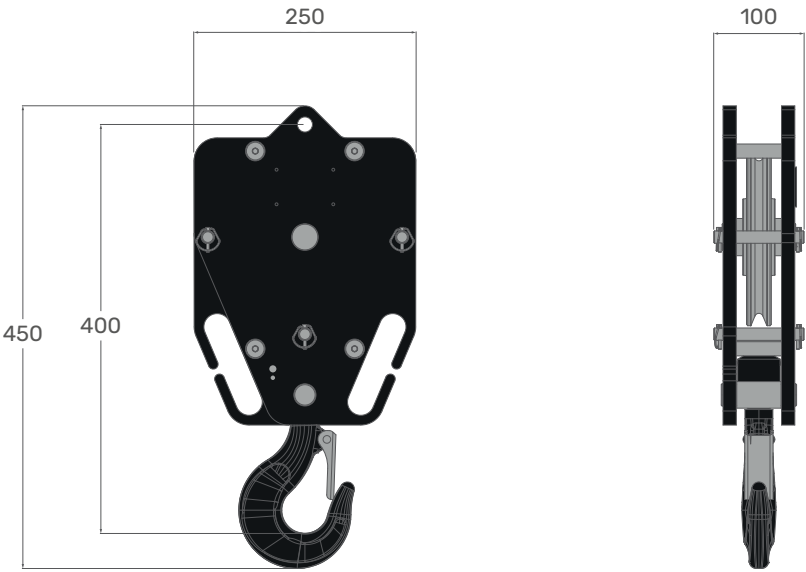
WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	kg	mm	m
Anti-twist 19x7 right lang lay	4.700	7	80

^[1]: LMI limited at 800 kg.
Maximum speed and maximum lifting capacity cannot be contemporary.

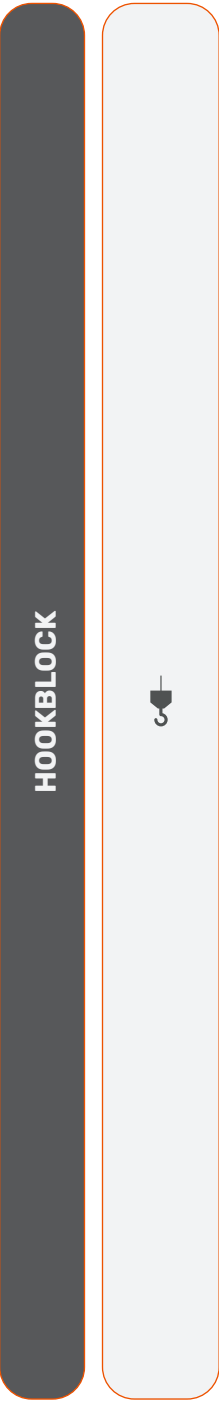
HOOKBLOCK



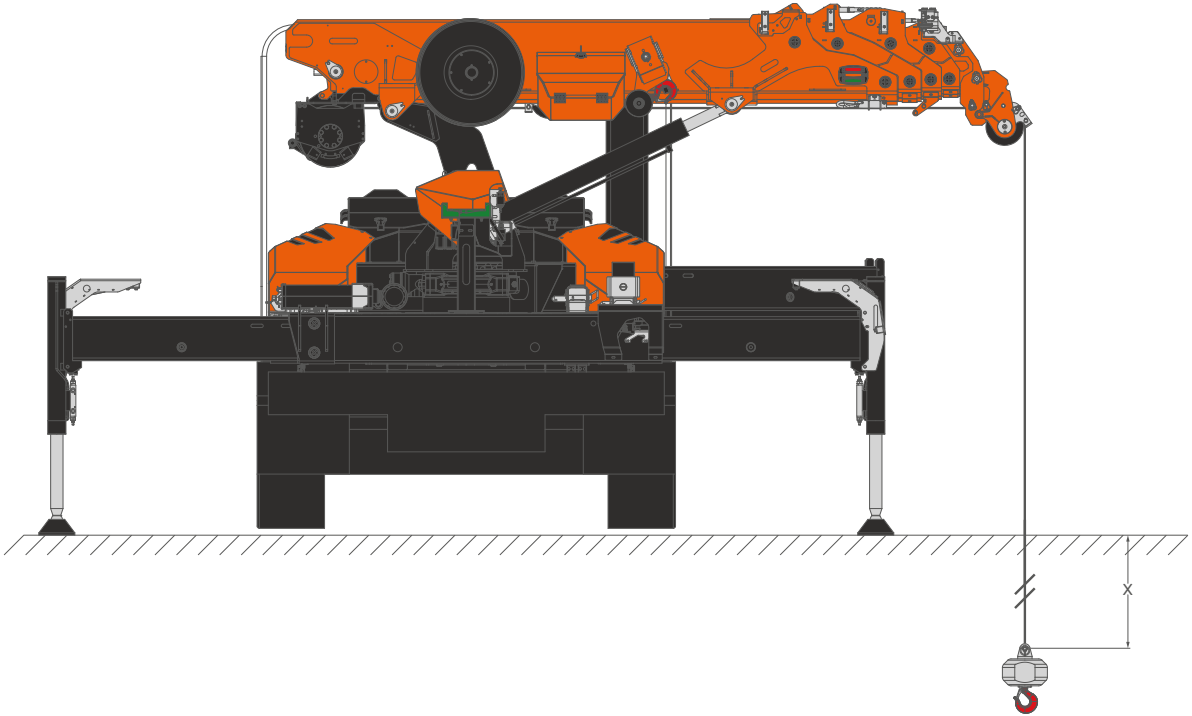
MODEL	LOAD		N° OF	
			Sheaves	Lines
1 ton single line hook	kg	800	-	1



MODEL	LOAD		N° OF	
			Sheaves	Lines
2.5T-D7	kg	800	1	1
		1.600		2
		2.400		3

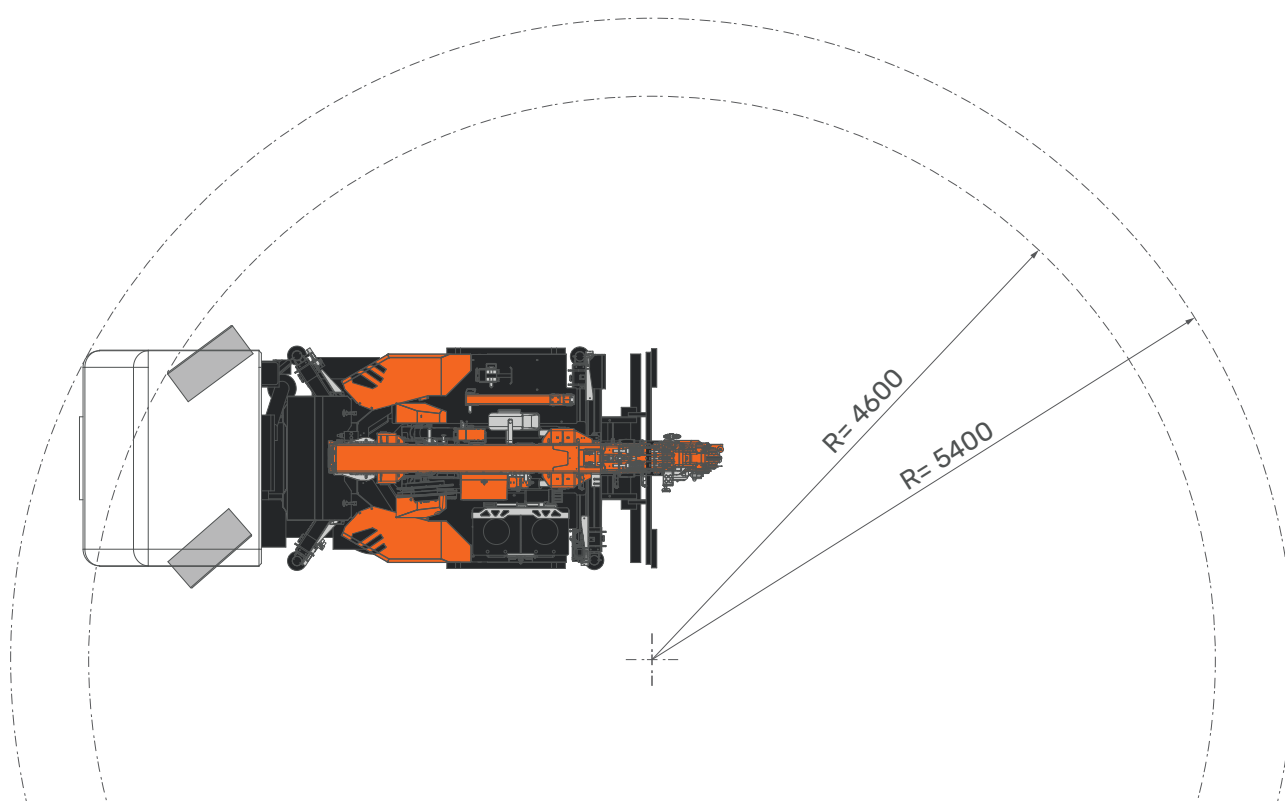


WINCH ROPE MAX REACH

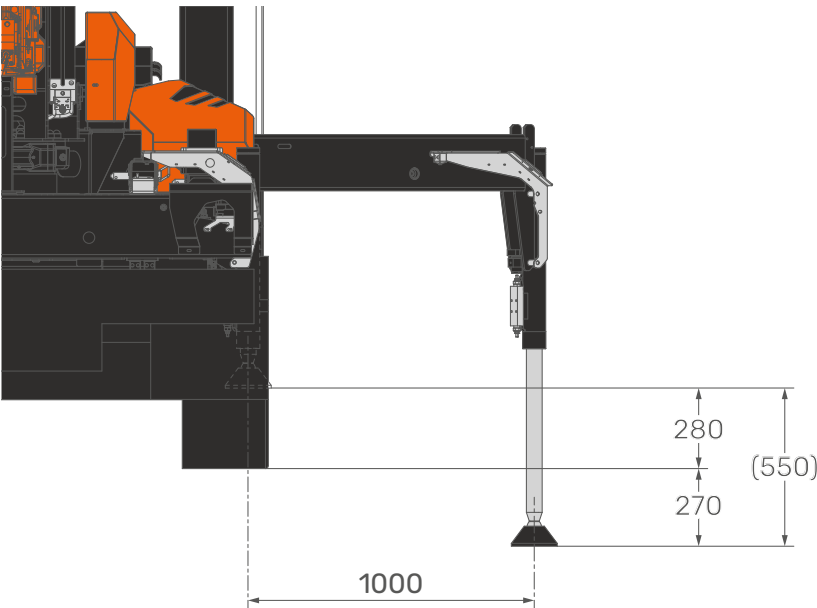
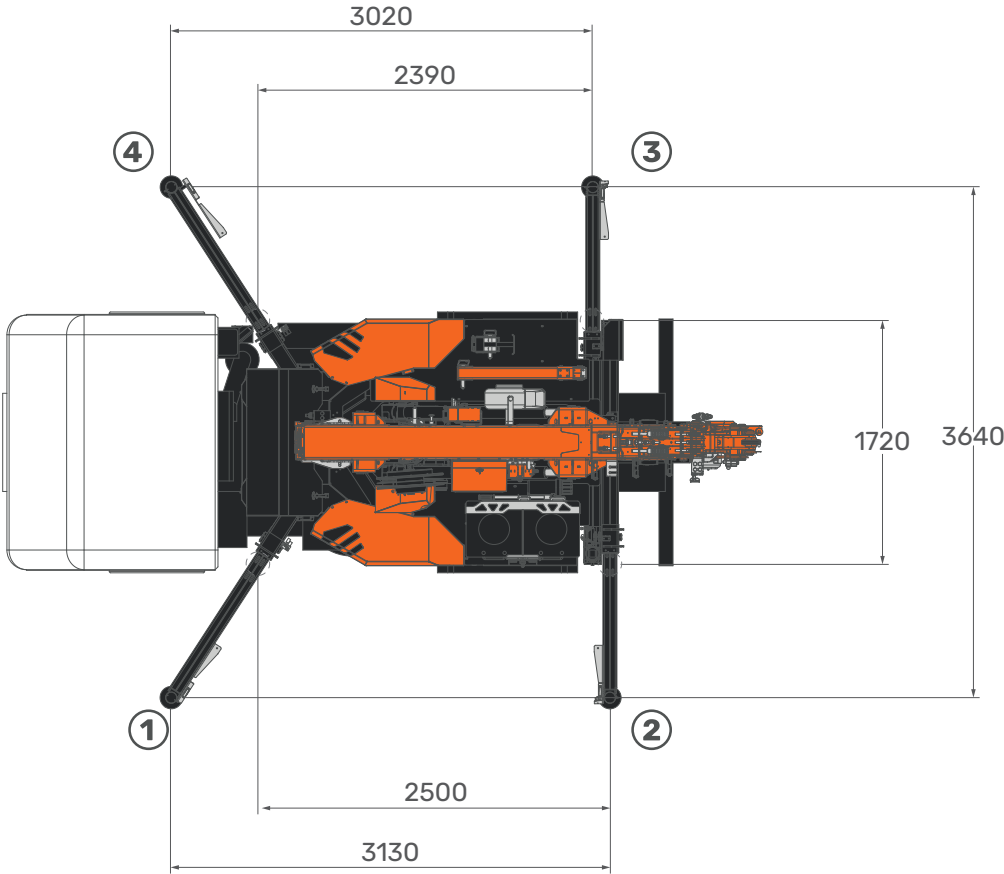


ROPE		W800.80	Parts of Line	1	m	71
				2		33
				3		21

TURNING RADIUS



STABILITY AREAS





LOAD CHART SELECTION

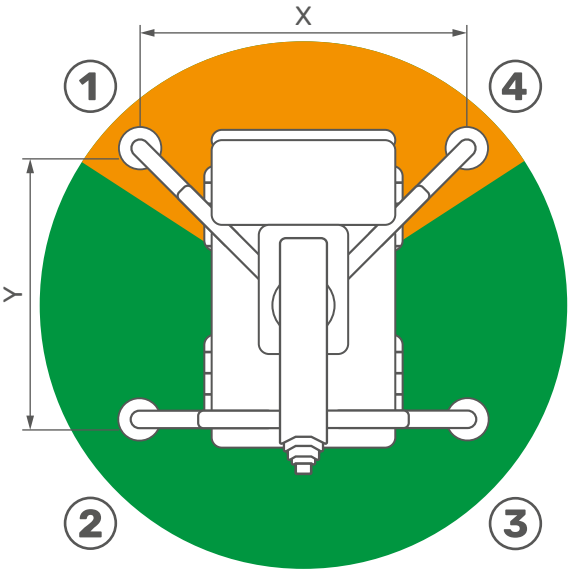
FRONT				LOAD CHART	
①		④			
MAX		MAX		J6	
MIN		MAX		J4	
MAX		MIN		J4	
MIN		MIN		J4	

LATERAL				LOAD CHART	
①	③	②	④		
MAX		MAX		J7	
MIN		MAX		J6	
MAX		MIN		J6	
MIN		MIN		J5	

REAR				LOAD CHART	
②		③			
MAX		MAX		J7	
MIN		MAX		J7	
MAX		MIN		J7	
MIN		MIN		J7	

CRANE PERFORMANCE

STABILITY EXAMPLES

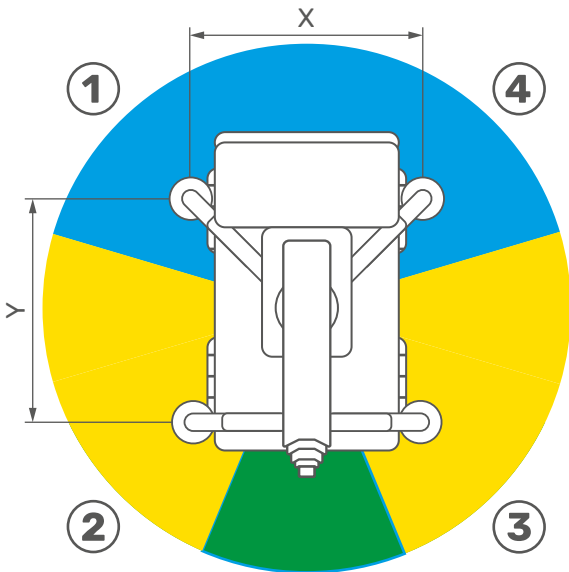


FULLY SYMMETRIC STABILITY

FOOTPRINT
DIMENSIONS

OUTRIGGERS
EXTENSION

X	3,6 m
Y	3,0 m
E ₁	Max
E ₂	Max
E ₃	Max
E ₄	Max
J7	246°
J6	114°

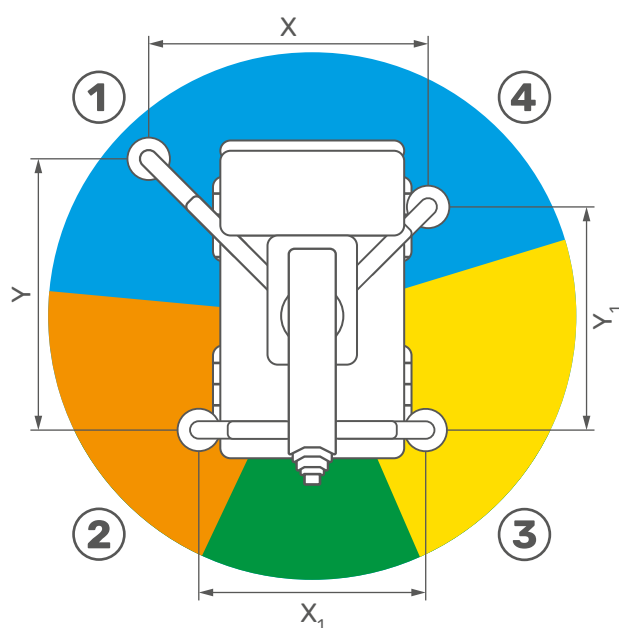


MINIMUM SYMMETRIC STABILITY

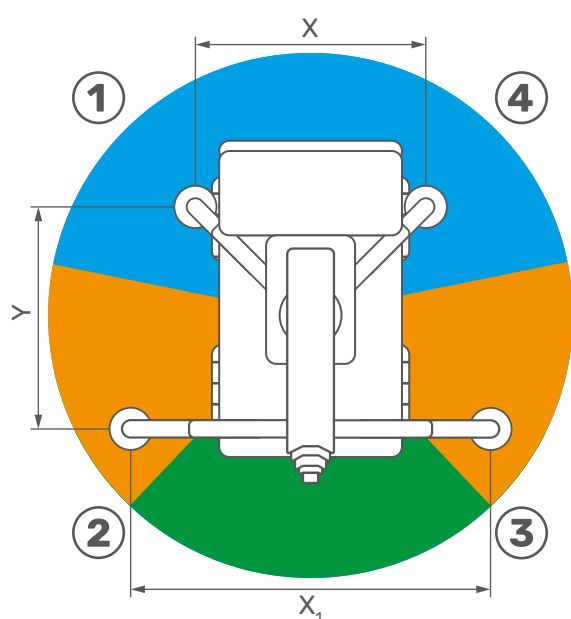
FOOTPRINT
DIMENSIONS

OUTRIGGERS
EXTENSION

X	1,7 m
Y	2,4 m
E ₁	Min
E ₂	Min
E ₃	Min
E ₄	Min
J7	45°
J5	2 x 84°
J4	147°

**ASYMMETRIC STABILITY**

FOOTPRINT DIMENSIONS	X	2,7 m
	X_1	1,7 m
	Y	3,0 m
	Y_1	2,4 m
OUTRIGGERS EXTENSION	E_1	Min
	E_2	Max
	E_3	Min
	E_4	Min
	J7	45°
	J6	70°
	J5	84°
	J4	161°

**FULLY SYMMETRIC STABILITY**

FOOTPRINT DIMENSIONS	X	1,7 m
	X_1	3,6 m
	Y	2,4 m
	E_1	Max
OUTRIGGERS EXTENSION	E_2	Min
	E_3	Min
	E_4	Max
	J7	87°
	J6	2x 58°
	J4	157°

TRX32

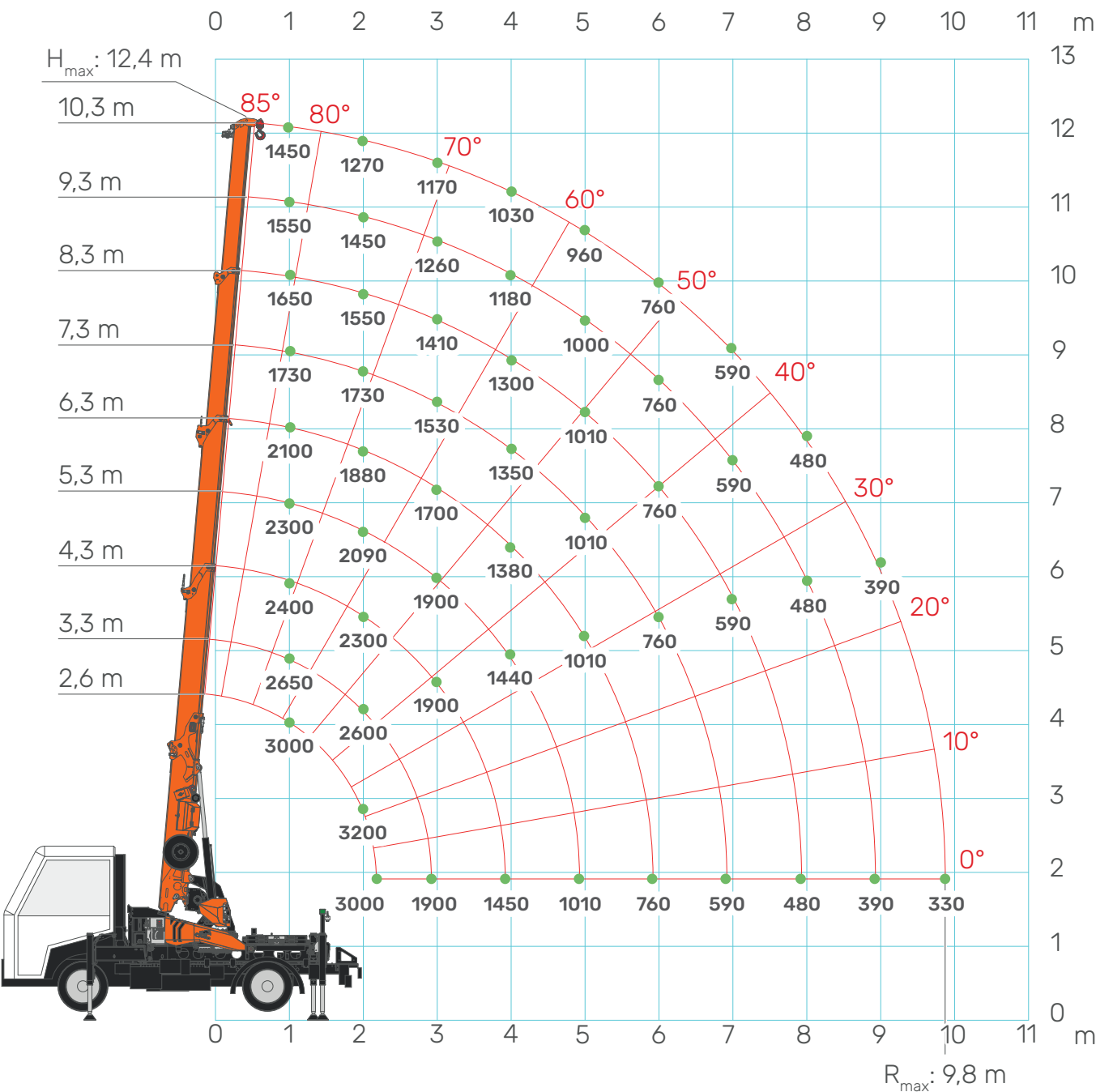
Main boom load chart

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MAIN BOOM



J7



[kg]

CRANE PERFORMANCE: J7

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	3000	2650	2400	2300	2100	1730	1650	1550	1450
1,8	3200	2600	2300	2090	1880	1730	1550	1450	1270
2	3000	2600	2300	2090	1880	1730	1550	1450	1270
3		1900	1900	1900	1700	1530	1410	1260	1170
4			1450	1440	1380	1350	1300	1180	1030
5				1010	1010	1010	1010	1000	960
6					760	760	760	760	760
7						590	590	590	590
8							480	480	480
9								390	390
9,8									330
↑R[m]	[kg]	T32__100EU__1225__C56J7							

CRANE PERFORMANCE: J6

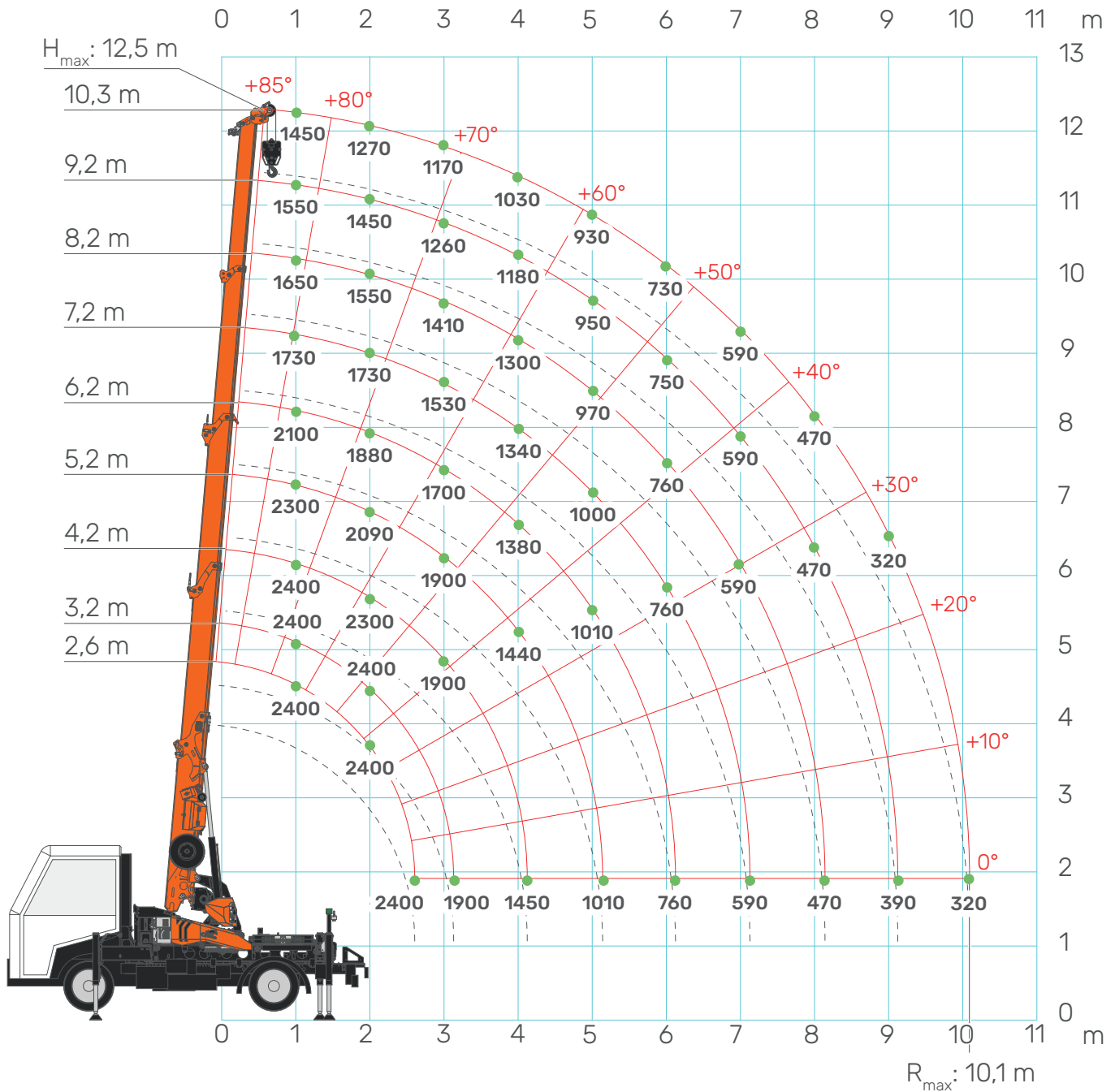
L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	3000	2600	2300	2090	1880	1730	1550	1450	1270
2	2100	2010	1870	1740	1630	1530	1440	1360	1270
3		1020	980	940	900	870	830	800	770
4			600	600	580	570	550	530	520
5				400	400	400	390	380	370
6					280	280	280	270	270
7						200	200	200	200
8							140	140	140
8,8								100	100
↑R[m]	[kg]	T32__100EU__1225__C56J6							

CRANE PERFORMANCE: J5

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	3000	2600	2300	2090	1880	1730	1440	1200	1030
2	1350	1310	1240	1170	1110	1050	1000	950	910
3		710	690	670	640	620	600	580	560
4			430	430	420	410	400	390	370
5				280	280	280	270	270	260
6					190	190	190	190	180
6,8						130	130	130	130
↑R[m]	[kg]	T32__100EU__1225_C56J5							

CRANE PERFORMANCE: J4

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	3000	2600	2300	1850	1390	1100	900	750	640
2	820	800	750	710	670	630	590	560	530
3		340	340	340	330	320	300	290	280
3,8			160	160	160	160	160	160	150
↑R[m]	[kg]	T32__100EU__1225_C56J4							



CRANE PERFORMANCE: J7

L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,2	10,3
1	2400	2400	2400	2300	2100	1730	1650	1550	1450	1450
1,8	2400	2400	2300	2090	1880	1730	1550	1450	1270	1270
2	2400	2400	2300	2090	1880	1730	1550	1450	1270	1270
3		1900	1900	1900	1700	1530	1410	1260	1170	1170
4			1450	1440	1380	1340	1300	1180	1030	1030
5				1010	1010	1000	970	950	930	930
6					760	760	760	750	730	730
7						590	590	590	590	590
8							470	470	470	470
9								390	390	390
9,9									320	320
10,1										320
↑R[m]	[kg]	T32__100EU__1225_C1J7								

CRANE PERFORMANCE: J6

L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,2	10,3
1	2400	2400	2400	2300	2100	1730	1650	1550	1450	1450
2	2040	2040	1880	1750	1640	1540	1450	1370	1270	1270
3		1030	990	940	910	870	840	800	770	770
4			600	600	590	570	550	530	520	520
5				400	400	400	390	380	370	370
6					280	280	280	270	270	270
7						200	200	200	200	200
8							140	140	140	140
8,8								100	100	100
↑R[m]	[kg]	T32__100EU__1225_C1J6								

CRANE PERFORMANCE: J5

L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,2	10,3
1	2400	2400	2400	2300	2100	1730	1440	1200	1020	1010
2	1320	1320	1250	1180	1120	1060	1010	960	910	910
3		710	690	670	650	630	600	580	560	560
4			430	430	420	410	400	390	380	370
5				280	280	280	270	270	260	260
6					190	190	190	190	180	180
6,8						130	130	130	130	130
↑R[m]	[kg]	T32__100EU__1225_C1J5								

CRANE PERFORMANCE: J4

L [m]↗	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,2	10,3
1	2400	2400	2400	1850	1390	1100	900	750	640	630
2	820	810	770	720	680	630	600	560	530	530
3		340	340	340	330	320	310	290	280	280
3,8			160	160	160	160	160	160	150	150
↑R[m]	[kg]	T32__100EU__1225_C1J4								

TRX32

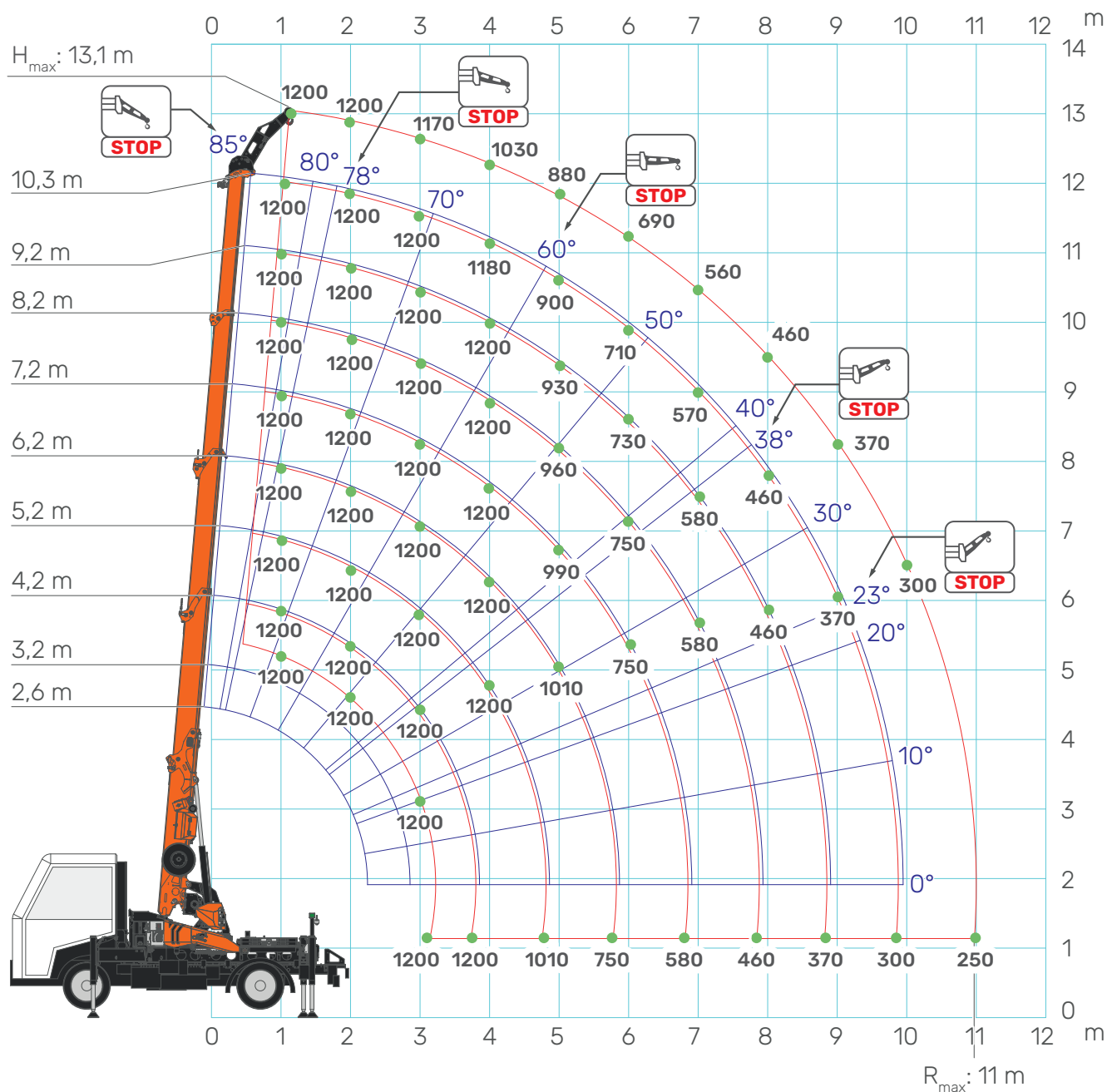
JIB1200GX load chart

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JIB1200GX



J7



*The word "STOP" stands for the maximum working angle of the main boom for the displayed jib configuration.

[kg]

PRESTAZIONI GRU: J7

L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,3
1	1200	1200	1200	1200	1200	1200	1200	1200	1200
2	1200	1200	1200	1200	1200	1200	1200	1200	1200
3	1200	1200	1200	1200	1200	1200	1200	1200	1170
4		1200	1200	1200	1200	1200	1200	1180	1030
5			1010	1010	990	960	930	900	880
6				750	750	750	730	710	690
7					580	580	580	570	560
8						460	460	460	460
9							370	370	370
10								300	300
10,8									250
↑R[m]	[kg]	T32__100EU__1225_C9J7							

CRANE PERFORMANCE: J6

L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,3
1	1200	1200	1200	1200	1200	1200	1200	1200	1200
2	1200	1200	1200	1200	1200	1200	1200	1180	1120
3	1000	950	890	840	800	760	720	690	670
4		620	570	540	520	490	470	450	440
5			400	380	360	340	330	310	300
6				270	260	240	230	220	210
7					190	170	160	150	150
7,8						130	110	110	100
↑R[m]	[kg]	T32__100EU__1225_C9J6							

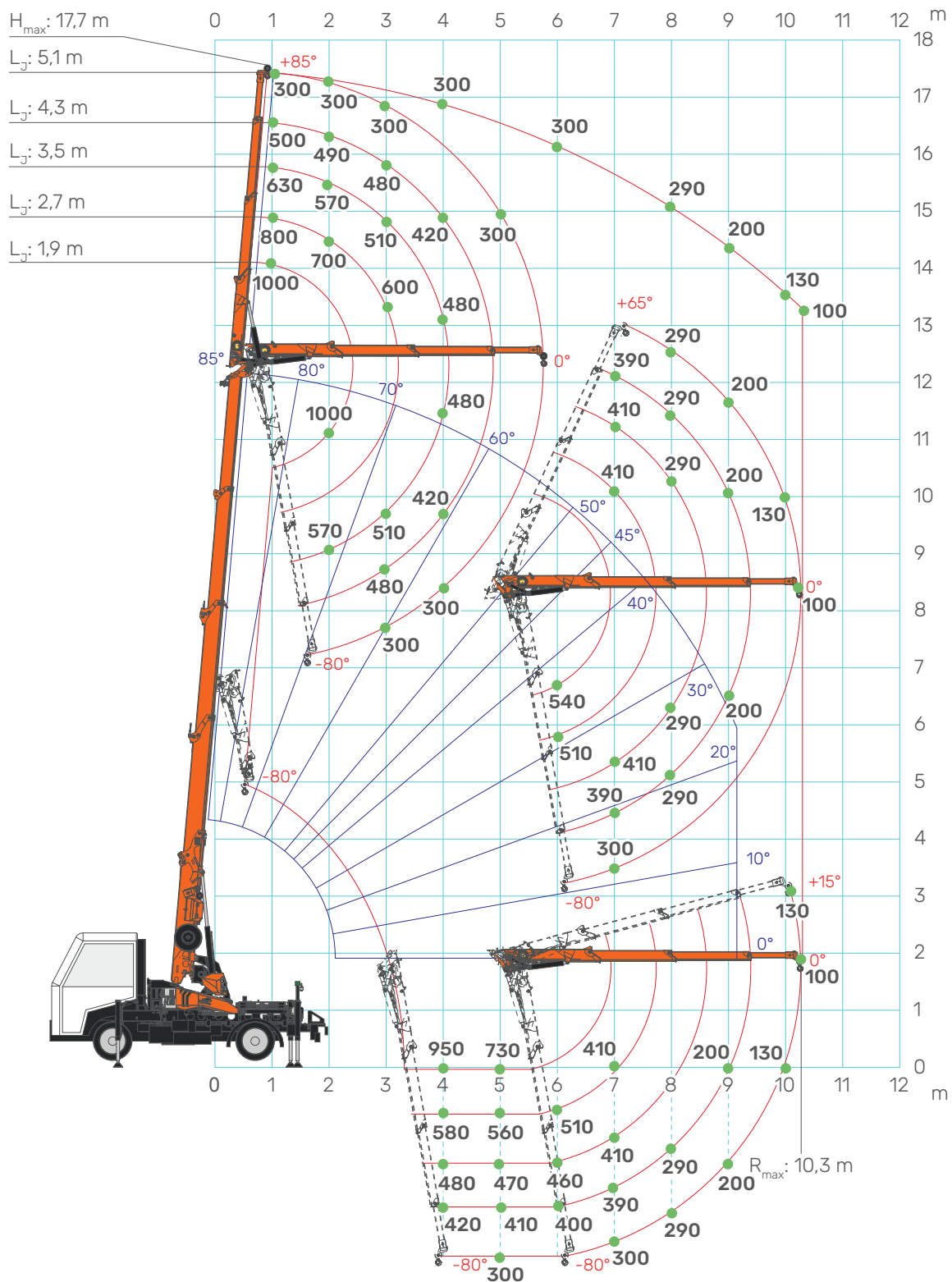
CRANE PERFORMANCE: J5

L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,3
1	1200	1200	1200	1200	1200	1200	1170	990	870
2	1200	1170	1090	1020	960	900	850	810	770
3	750	660	620	590	560	530	510	480	460
4		440	400	380	360	340	330	310	300
5			280	260	240	230	220	210	200
6				190	160	150	140	140	130
6,3					100	100	100	100	100
↑R[m]	[kg]	T32__100EU__1225_C9J5							

CRANE PERFORMANCE: J4

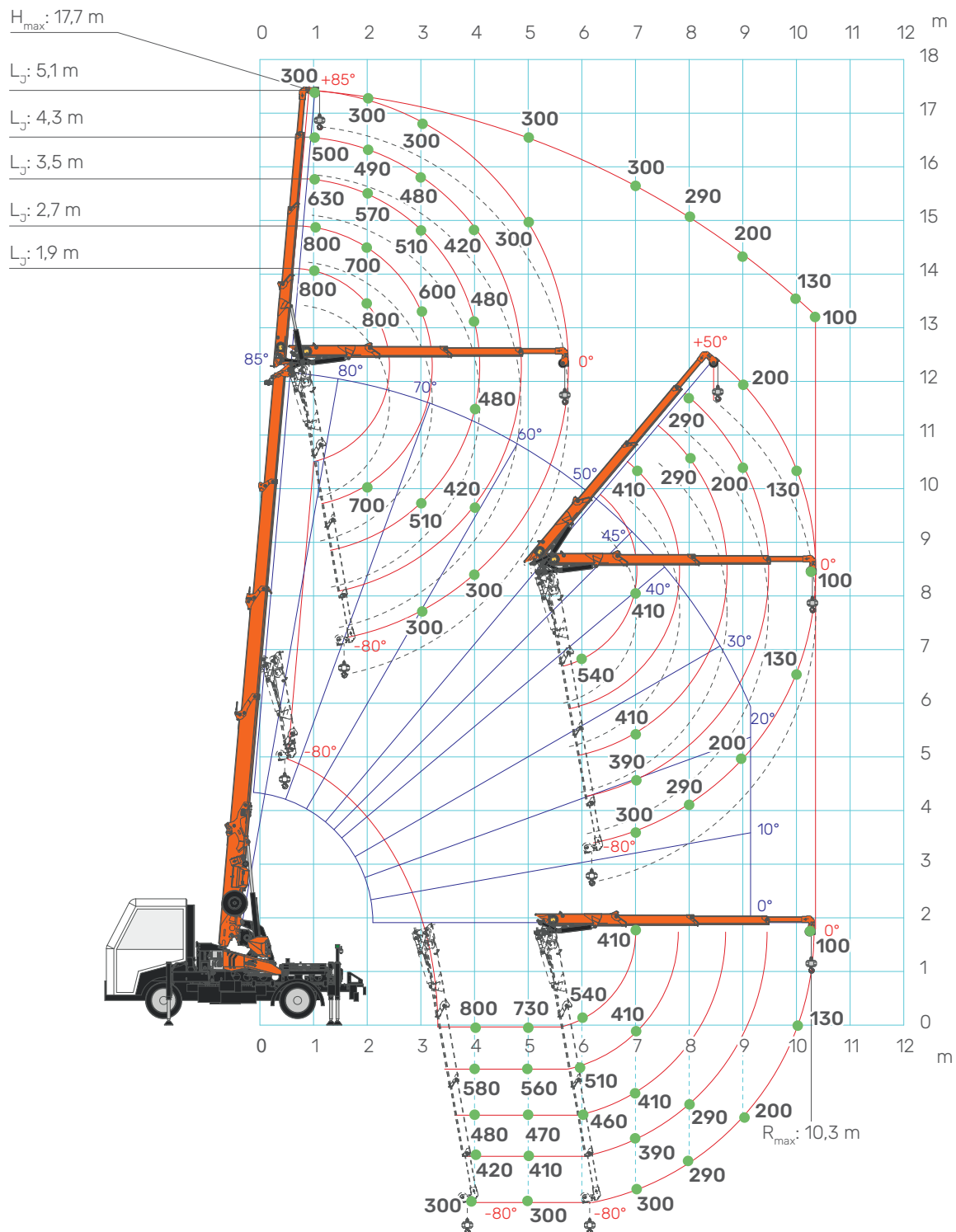
L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,3
1	1200	1200	1200	1200	1070	870	720	610	530
2	750	690	630	570	530	490	450	420	400
3	360	320	290	270	250	230	220	200	190
3,8		180	150	130	120	110	100	90	80
↑R[m]	[kg]	T32__100EU__1225_C9J4							

JIB1000.2H1MX



[kg]

JIB1000.2H1MX load chart



[kg]

CRANE PERFORMANCE: J7

L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	1000	800	630	500	300
2	1000	700	570	490	300
3	1000	600	510	480	300
4	950	580	480	420	300
5	730	560	470	410	300
6	540	510	460	400	300
7	410	410	410	390	300
8	290	290	290	290	290
9	200	200	200	200	200
10	130	130	130	130	130
10,3	120	120	120	100	100
↑R[m]	[kg]	T32__100EU__1225_C17J7			

CRANE PERFORMANCE: J6

L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	1000	800	630	500	300
2	950	700	570	490	300
3	500	490	490	480	300
4	280	280	280	280	280
4,8	150	150	150	150	150
↑R[m]	[kg]	T32__100EU__1225_C17J6			

CRANE PERFORMANCE: J5

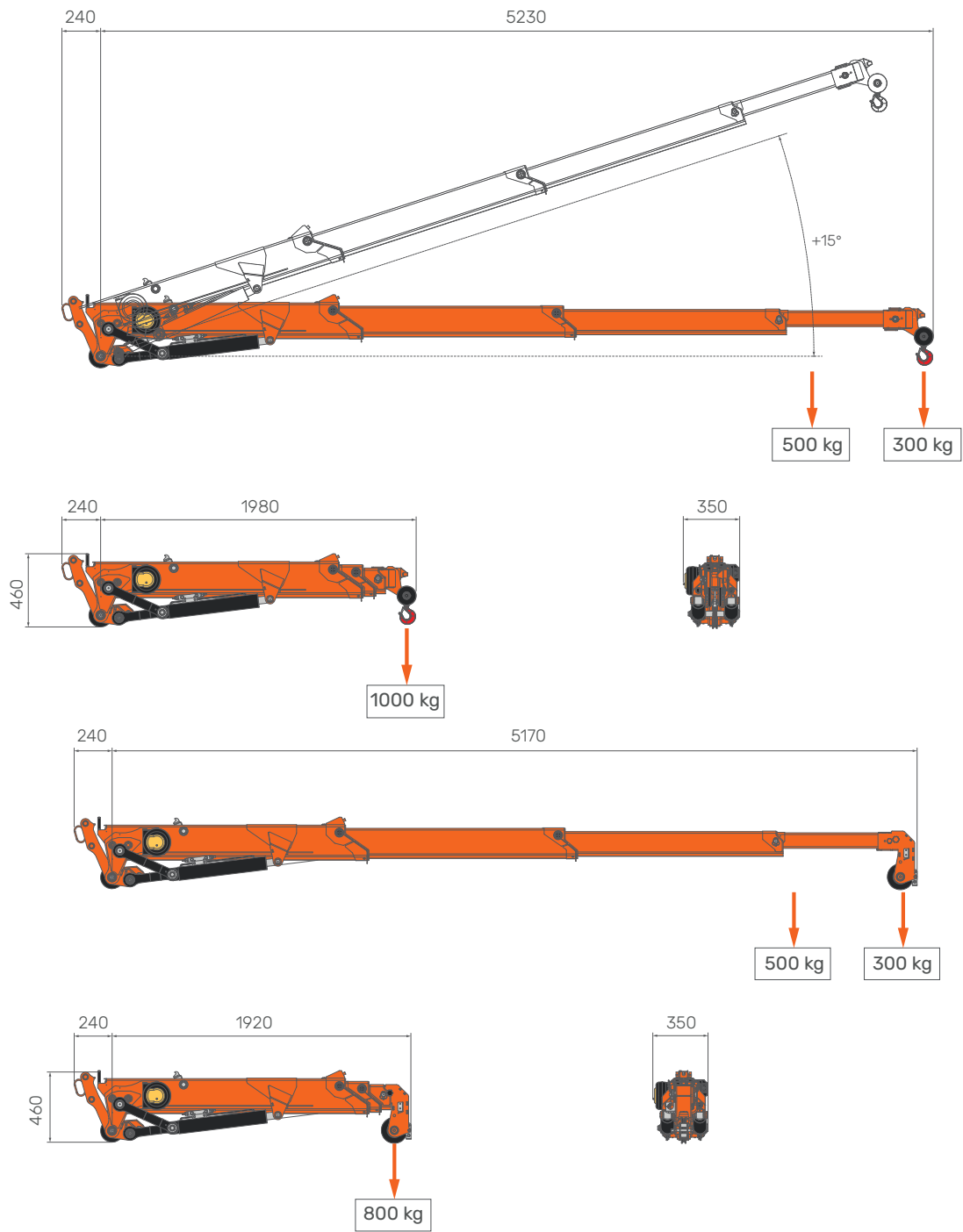
L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	600	560	520	480	300
2	570	530	490	460	300
3	300	300	300	300	290
3,8	140	140	140	140	140
↑R[m]	[kg]	T32__100EU__1225_C17J5			

CRANE PERFORMANCE: J4

L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	600	560	520	480	300
2	360	350	350	340	300
2,8	100	100	100	100	100
↑R[m]	[kg]	T32__100EU__1225_C17J4			

ACCESSORIES

JIB1000.2H1MX



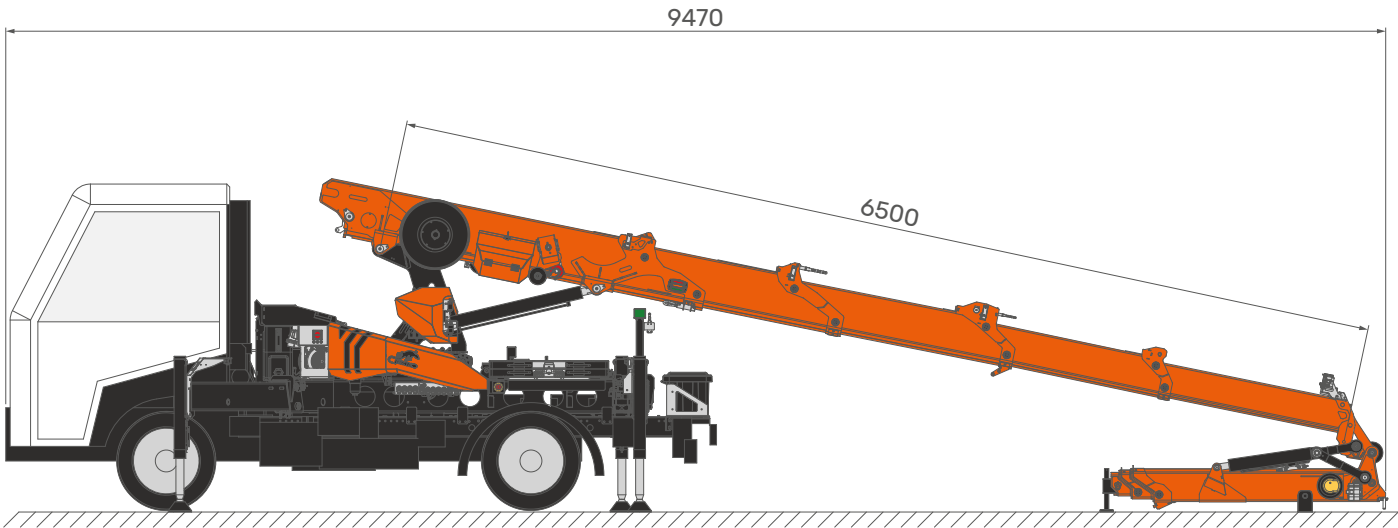
WEIGHT		JIB	JIB1000.2H1MX	kg	240

[mm] * While working in winch configuration, it shall be used only the single fall hookblock.
JIB1000.2H1MX max capacity is limited at 800 kg by LMI.

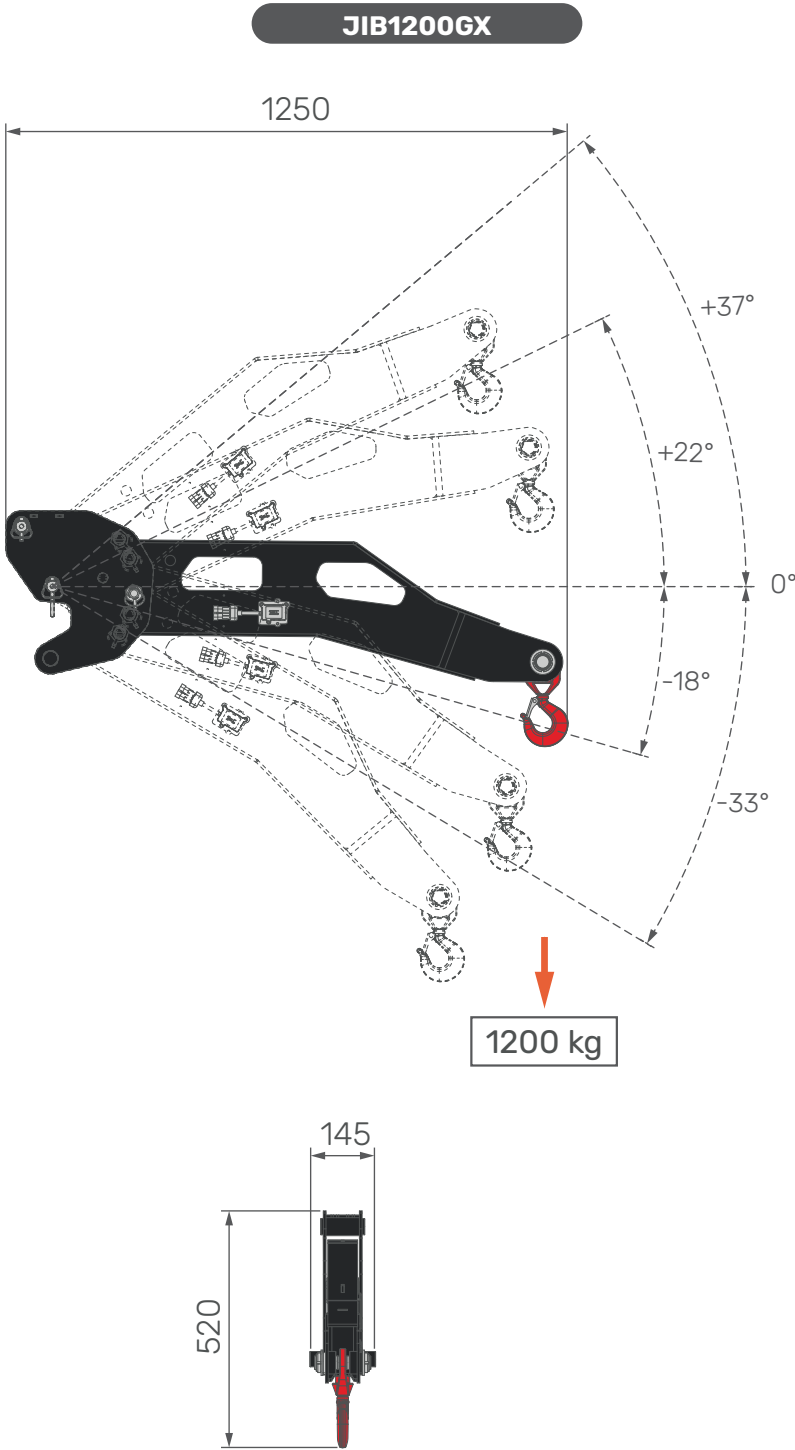
TRX32

JIB1000.2H1MX features

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[mm]



WEIGHT				
		JIB	JIB1200GX	kg
				30

[mm]

SYMBOLS

	Weight		Outriggers Mats		Main Boom Lifting		Hydraulic System
	Crane		Powerpack		Boom Length		Truck
	Maximum Axle Load		Hookblock		Jib		Working Temperature
	Gradeability		Maximum Capacity		Turret Slewing		Hydraulic Activation
	Maximum Wind Load		Maximum Outriggers Load		Winch		Hook
	Electric System						

LOAD CHARTS REMARKS

- Load tables have been calculated following the EN 13000:2014 standard.
- Load tables have been calculated considering a wind load of 13,8 m/s, a sail area of 1m²/t and a drag coefficient of 1,2.
- Load capacities are given in kg.
- Hookblocks and hooks weight is part of the load, hence it shall be deducted from the capacity values.
- The working radius is measured form the turret slewing center.
- The supplied Technical Data is part of the Use & Maintenance Manual.
- Features and specifications may change without prior advice.
- All indicated data are for informational purposes only and are not binding as the crane performs differently depending on its use.



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SERIAL NUMBER:



04.12.2025 | REV0.1