



Technical Data

Specifications & Capacities

TRX32

DRAFT

Traslantion of the original instructions

[m] [kg]

15.09.2025 | DFT0.1



EN 13000:2014

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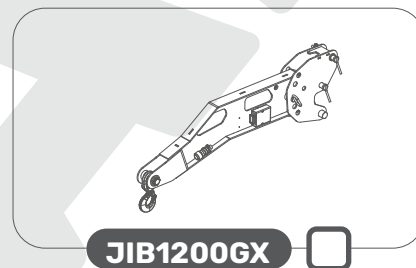
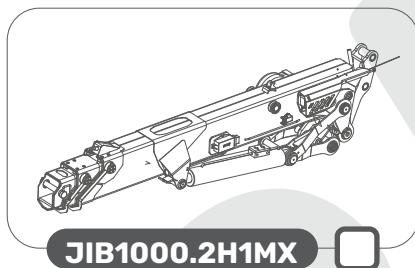
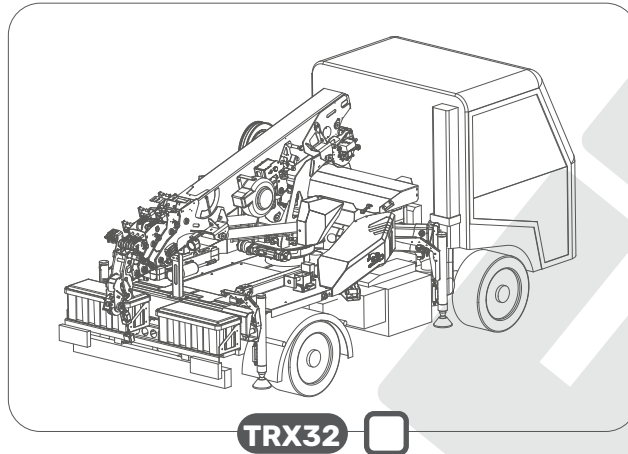
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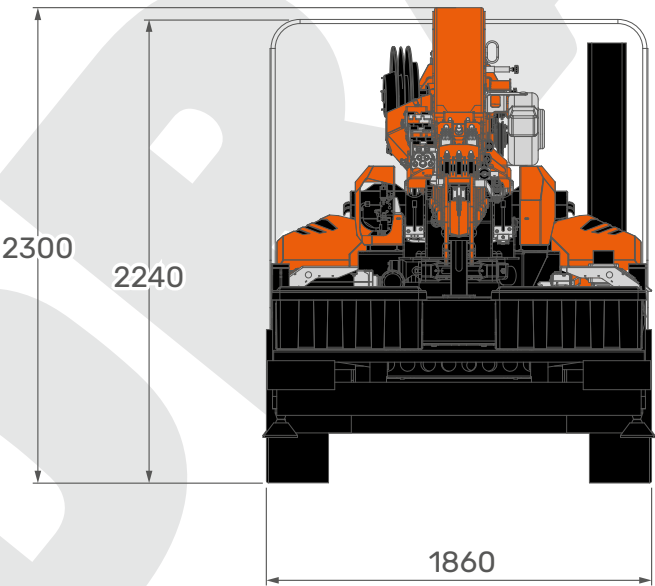
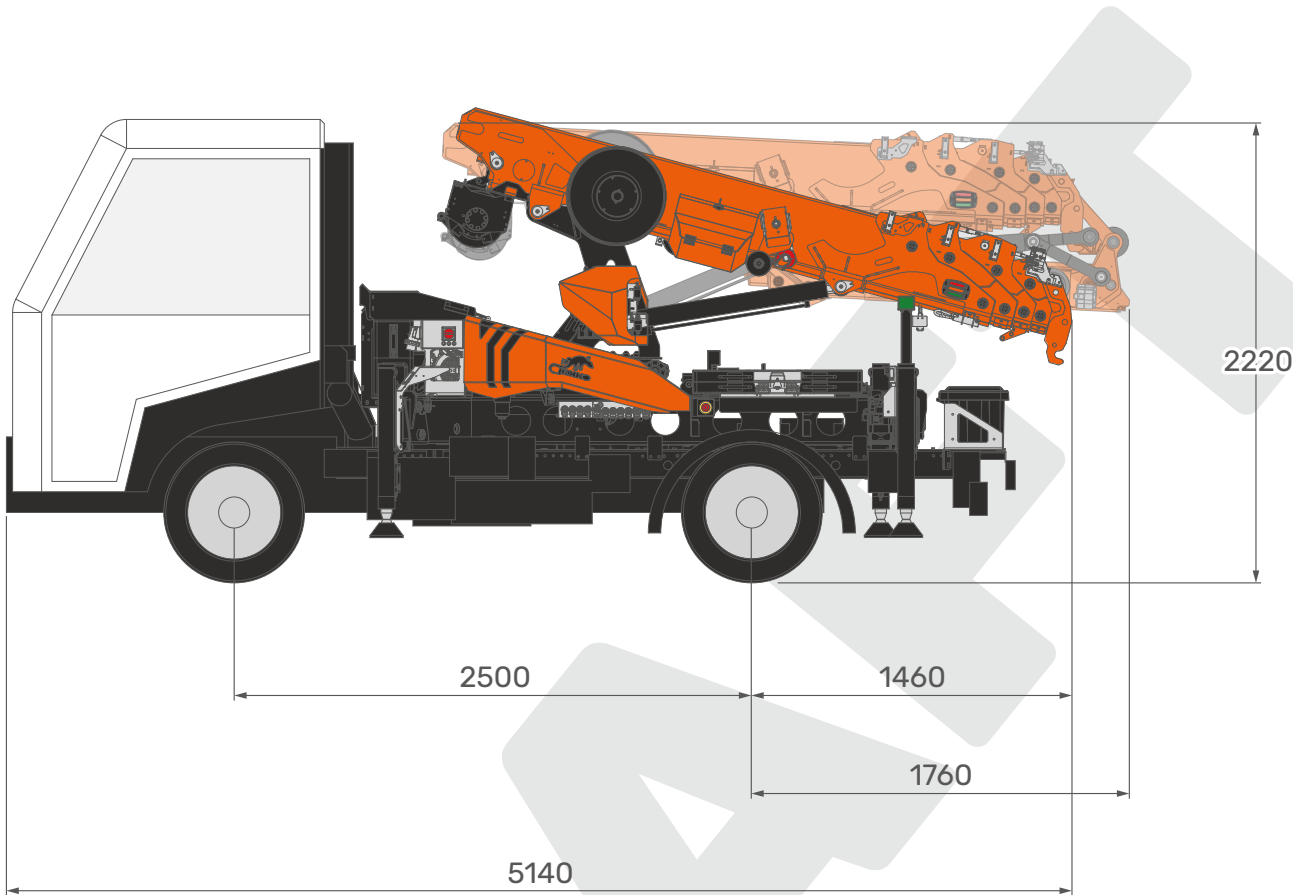
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CRANE CONFIGURATION



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	-
SLEWING	Angle	°	360°
	Speed	rpm	-
LIFTING	Working Angle	°	0/80°
	Speed	s	-
MAX CAPACITY		kg	3.200
AXLE LOAD	Front	kg	1.900
	Rear		2.200
MAX OUTRIGGERS LOAD		kg	3.750*
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	-
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



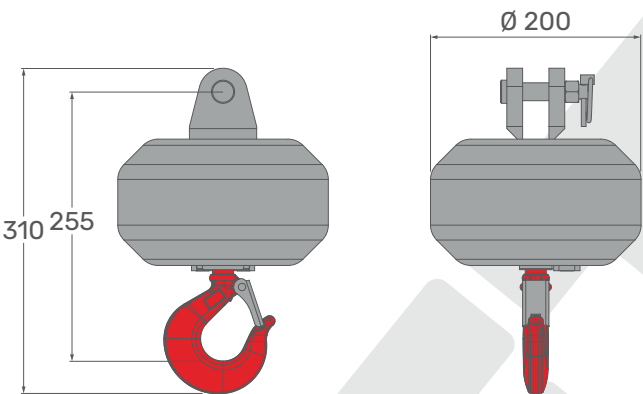
ROPE

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

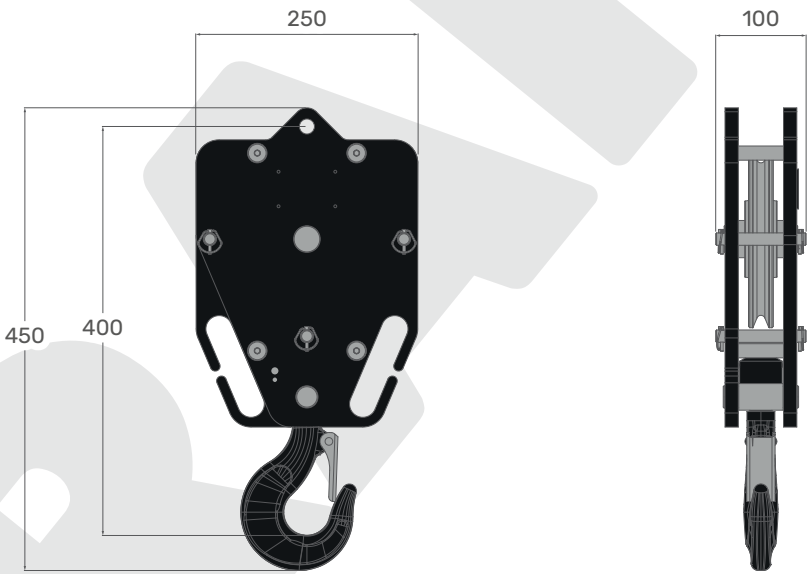
WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	kg	mm	m
Anti-twist 19x7 right lang lay	4.700	7	80

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

HOOKBLOCK

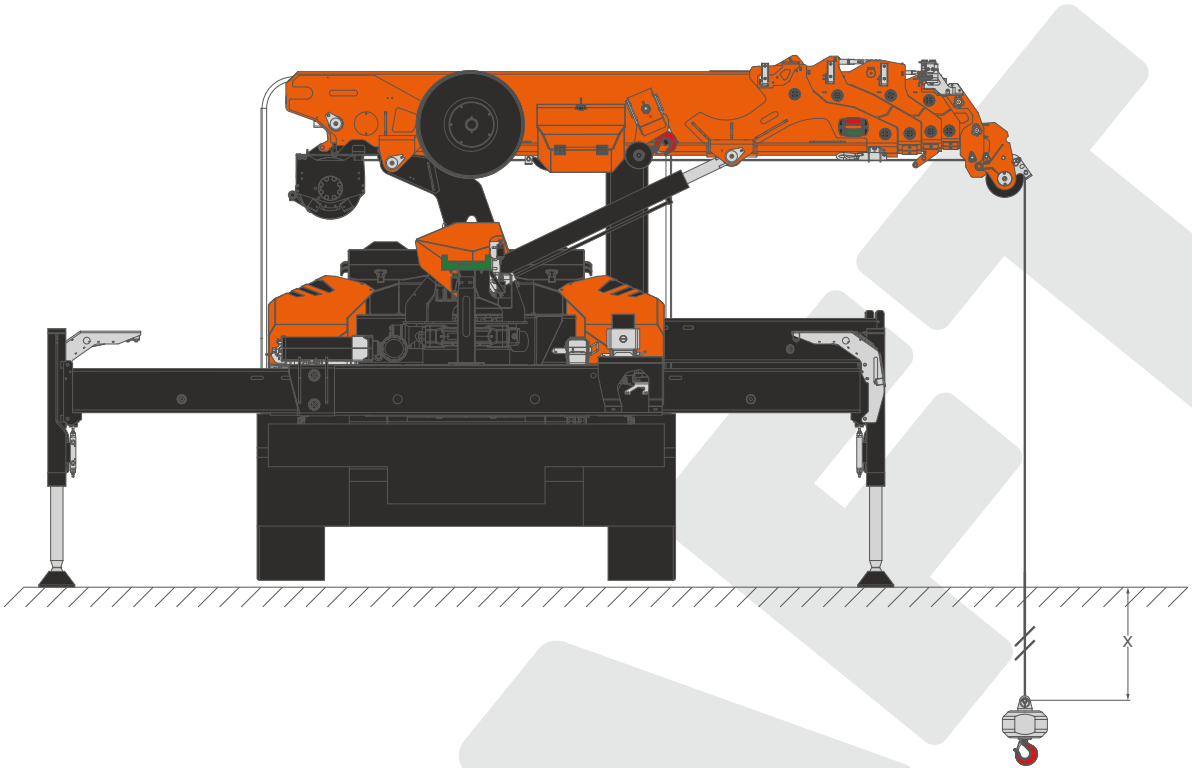


MODEL	LOAD		N° OF	
			Sheaves	Lines
1 ton single line hook	kg	800	-	1



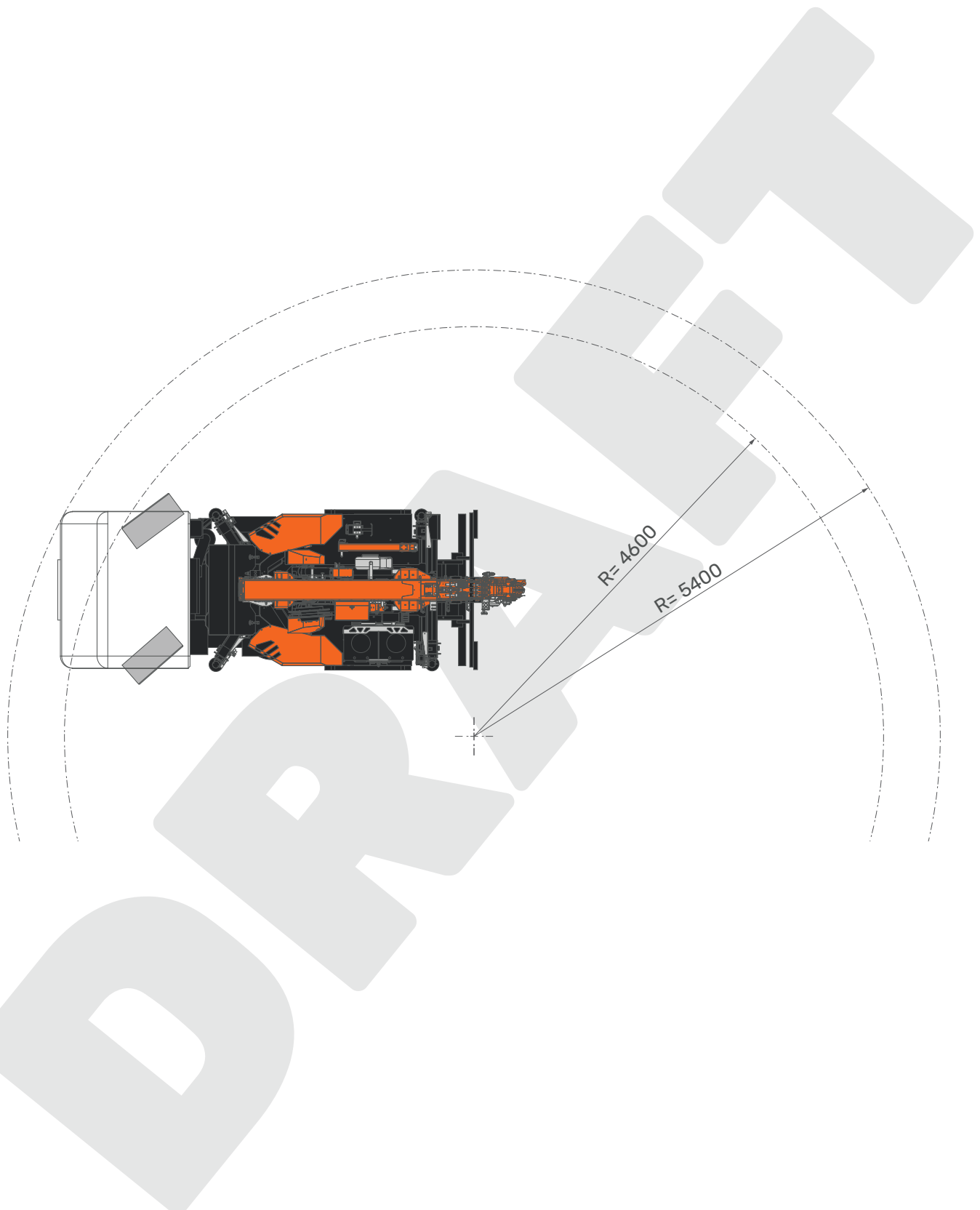
MODEL	LOAD		N° OF	
			Sheaves	Lines
2.5T-D7	kg	800	1	1
		1.600		2
		2.400		3

WINCH ROPE MAX REACH

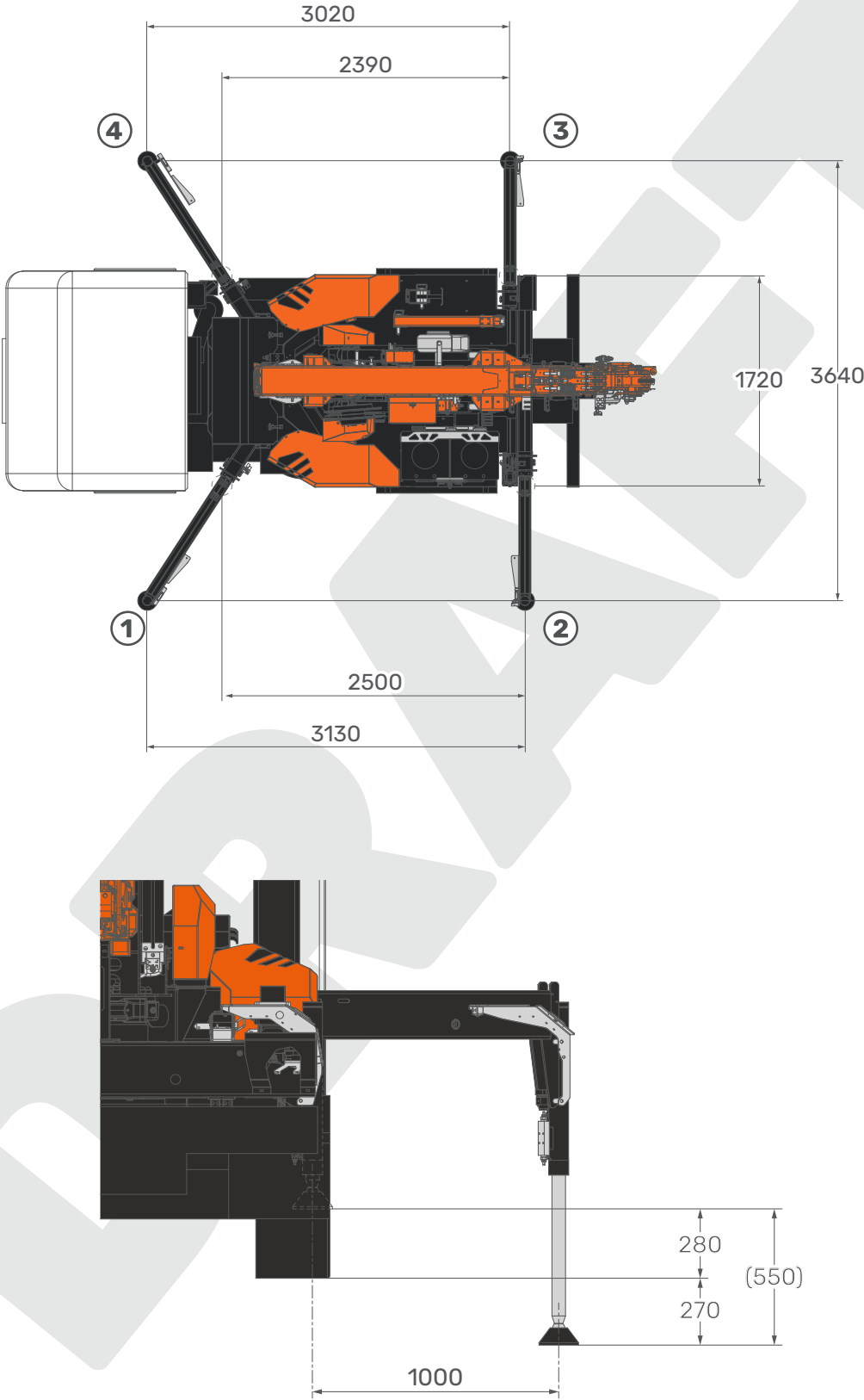


ROPE		W800.80	Parts of Line	1	m	71
				2		33
				3		21

TURNING RADIUS



STABILITY AREAS



[mm]

LOAD CHART SELECTION

FRONT

①

④

LOAD CHART

MAX

MAX

MIN

MAX

MAX

MIN

MIN

MIN

J6

J4

J4

J4

LATERAL

①

③

②

④

LOAD CHART

MAX

MAX

MIN

MAX

MAX

MIN

MIN

MIN

J7

J6

J6

J5

REAR

②

③

LOAD CHART

MAX

MAX

MIN

MAX

MAX

MIN

MIN

MIN

J7

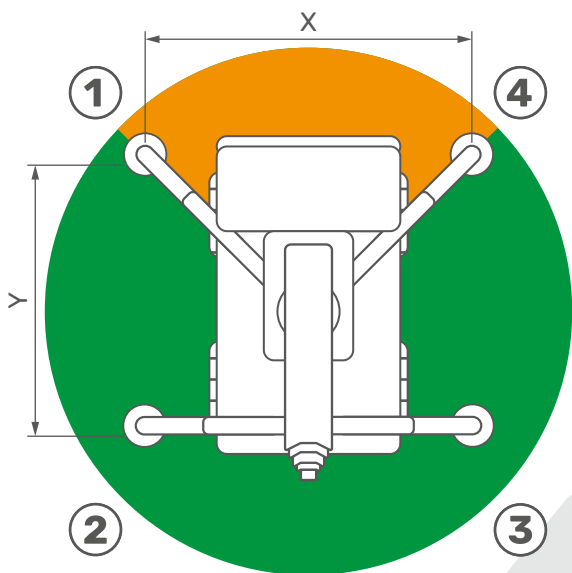
J7

J7

J7

CRANE PERFORMANCE

STABILITY EXAMPLES

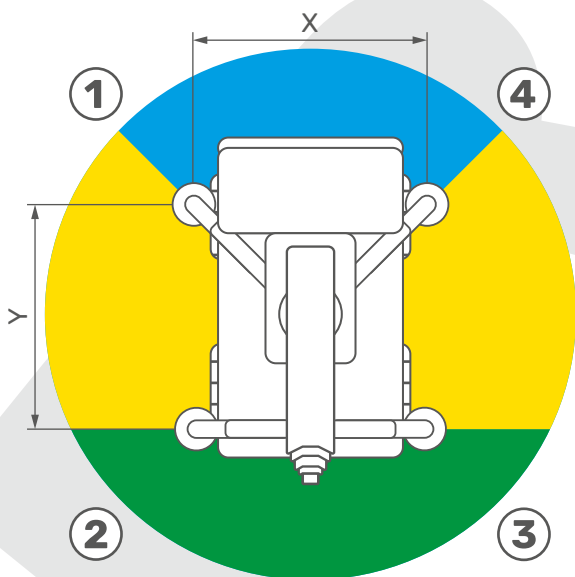


FULLY SYMMETRIC STABILITY

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	146°
J6	114°

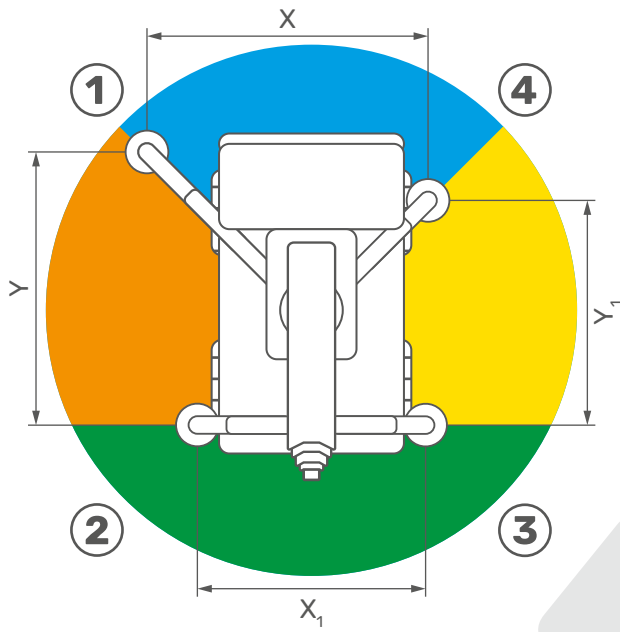


MINIMUM SYMMETRIC STABILITY

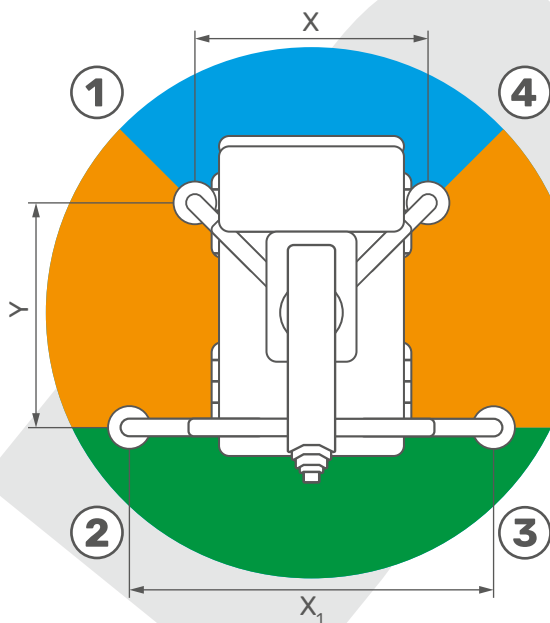
FOOTPRINT
DIMENSIONS

OUTRIGGERS
EXTENSION

X	1,7 m
Y	2,4 m
E ₁	Min
E ₂	Min
E ₃	Min
E ₄	Min
J7	180°
J5	2 x 33°
J4	114°

**ASYMMETRIC STABILITY****FOOTPRINT
DIMENSIONS****OUTRIGGERS
EXTENSION**

X	2,7 m
X ₁	1,7 m
Y	3,0 m
Y ₁	2,4 m
E ₁	Min
E ₂	Max
E ₃	Min
E ₄	Min
J7	180°
J6	33°
J5	33°
J4	114°

**FULLY SYMMETRIC STABILITY****FOOTPRINT
DIMENSIONS****OUTRIGGERS
EXTENSION**

X	1,7 m
X ₁	3,6 m
Y	2,4 m
E ₁	Max
E ₂	Min
E ₃	Min
E ₄	Max
J7	180°
J6	2x 33°
J4	114°

TRX32

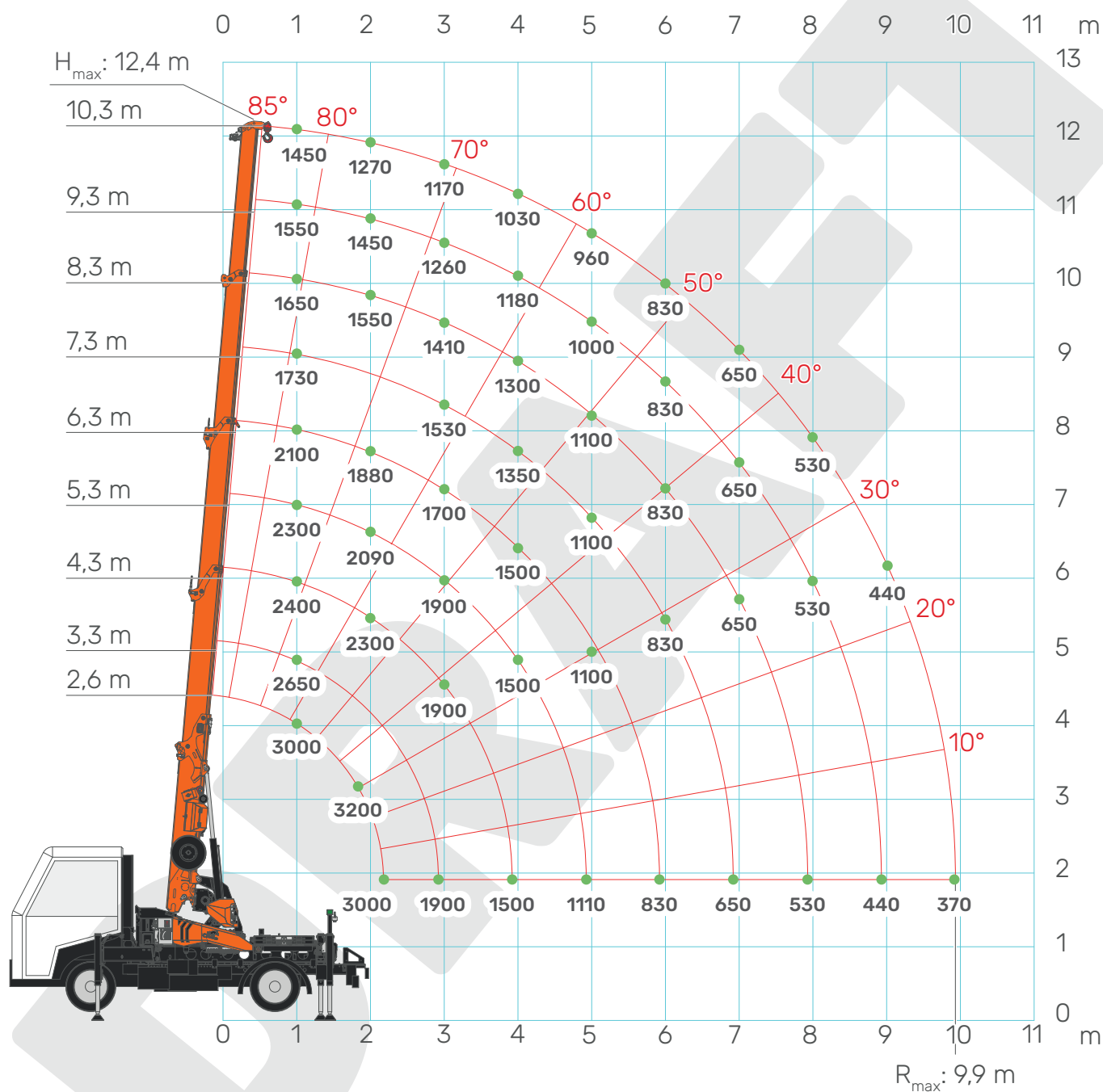
Main boom load chart

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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			1500	1500	1500	1350	1300	1180	1030
5				1110	1110	1110	1110	1000	960
6					830	830	830	830	830
7						650	650	650	650
8							530	530	530
9								440	440
10									370
↑R[m]	[kg]	TRX32__100EU_0925_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	2650	2400	2300	2100	1730	1650	1550	1450
2	2270	2120	1970	1840	1720	1610	1520	1440	1270
3		1090	1040	990	950	920	880	850	820
4			640	640	620	600	590	570	550
5				430	430	430	420	410	400
6					300	300	300	300	290
7						220	220	220	220
8							160	160	160
9								120	120
10									90
↑R[m]	[kg]	TRX32__100EU_0925_C56J6							

* The loads highlighted are to be excluded when working in the frontal area (cab side).

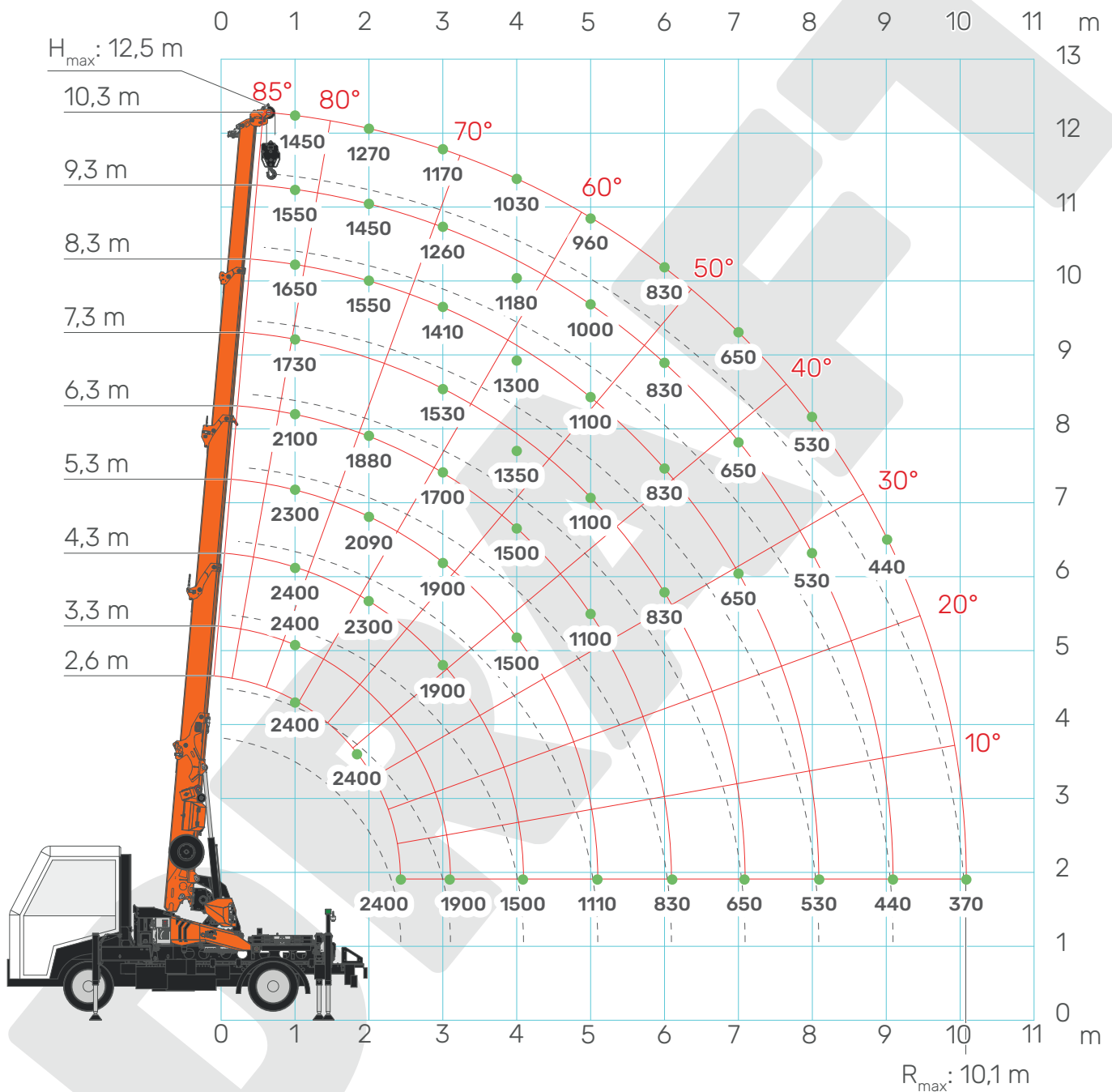
CRANE PERFORMANCE: J5

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	3000	2650	2400	2300	2100	1730	1650	1550	1450
2	1470	1410	1330	1260	1190	1130	1080	1020	980
3		770	750	720	700	680	650	630	610
4			470	470	460	450	440	430	410
5				320	320	310	310	300	290
6					220	220	220	220	210
7						160	160	150	150
8							110	110	110
↑R [m]	[kg]	TRX32__100EU_0925_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	2650	2400	2300	2070	1730	1600	1430	1290
2	840	820	780	730	690	650	610	580	540
3		350	350	350	340	330	320	310	290
4			180	180	180	180	180	170	160
5				80	80	80	80	80	80
↑R [m]	[kg]	TRX32__100EU_0925_C56J4							

* The loads highlightended are to be excluded when working in the frontal area (cab side).



CRANE PERFORMANCE: J7

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	2400	2400	2400	2300	2100	1730	1650	1550	1450
1,8	2400	2400	2300	2090	1880	1730	1550	1450	1270
2	2400	2400	2300	2090	1880	1730	1550	1450	1270
3		1900	1900	1900	1700	1530	1410	1260	1170
4			1500	1500	1500	1350	1300	1180	1030
5				1110	1110	1110	1110	1000	960
6					830	830	830	830	830
7						650	650	650	650
8							530	530	530
9								440	440
10									370
↑R[m]	[kg]	TRX32__100EU_0925_C1J7							

CRANE PERFORMANCE: J6

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	2400	2400	2400	2300	2100	1730	1650	1550	1450
2	2270	2120	1970	1840	1720	1610	1520	1440	1270
3		1090	1040	990	950	920	880	850	820
4			640	640	620	600	590	570	550
5				430	430	430	420	410	400
6					300	300	300	300	290
7						220	220	220	220
8							160	160	160
9								120	120
10									90
↑R[m]	[kg]	TRX32__100EU_0925_C1J6							

* The loads highlighted are to be excluded when working in the frontal area (cab side).

CRANE PERFORMANCE: J5

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	2400	2400	2400	2300	2100	1730	1650	1550	1450
2	1470	1410	1330	1260	1190	1130	1080	1020	980
3		770	750	720	700	680	650	630	610
4			470	470	460	450	440	430	410
5				320	320	310	310	300	290
6					220	220	220	220	210
7						160	160	150	150
8							110	110	110
↑R [m]	[kg]	TRX32__100EU_0925_C135							

CRANE PERFORMANCE: J4

L [m]→	2,6	3,3	4,3	5,3	6,3	7,3	8,3	9,3	10,3
1	2400	2400	2400	2300	2070	1730	1600	1430	1290
2	840	820	780	730	690	650	610	580	540
3		350	350	350	340	330	320	310	290
4			180	180	180	180	180	170	160
5				80	80	80	80	80	80
↑R [m]	[kg]	TRX32__100EU_0925_C134							

* The loads highlightended are to be excluded when working in the frontal area (cab side).

TRX32

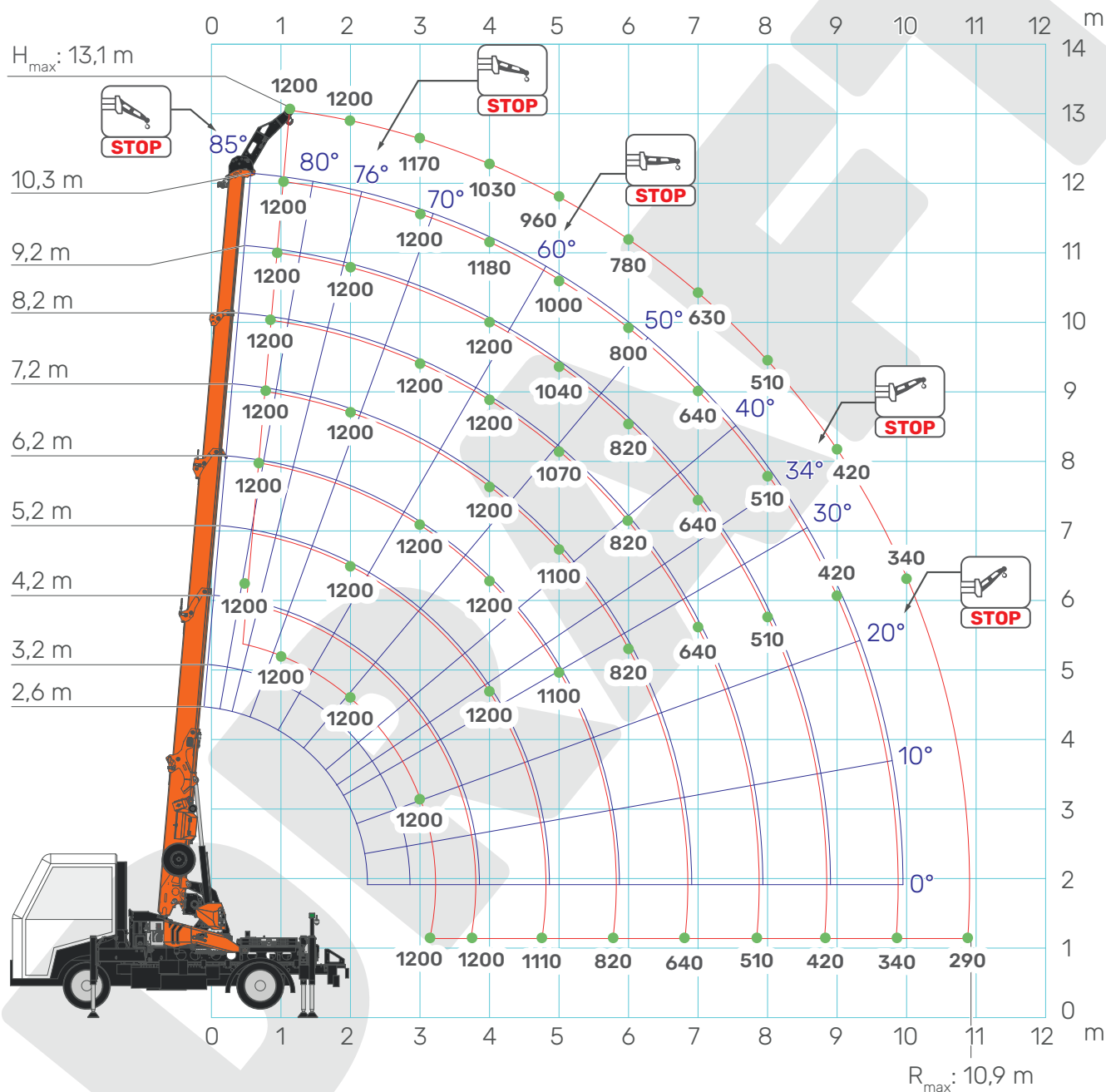
JIB1200GX load chart

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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]

CRANE PERFORMANCE: 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			1110	1100	1100	1070	1040	1000	960
6				820	820	820	820	800	780
7					640	640	640	640	630
8						510	510	510	510
9							420	420	420
10								340	340
10,9									290
↑R[m]	[kg]	TRX32__100EU_0925_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	1200	1190
3	1090	1010	950	890	850	810	770	740	710
4		660	620	580	550	530	510	490	470
5			430	410	390	370	360	340	330
6				300	280	270	260	250	240
7					210	200	190	180	170
8						150	130	130	120
↑R[m]	[kg]	TRX32__100EU_0925_C9J6							

* The loads highlightended are to be excluded when working in the frontal area (cab side).

CRANE PERFORMANCE: J5

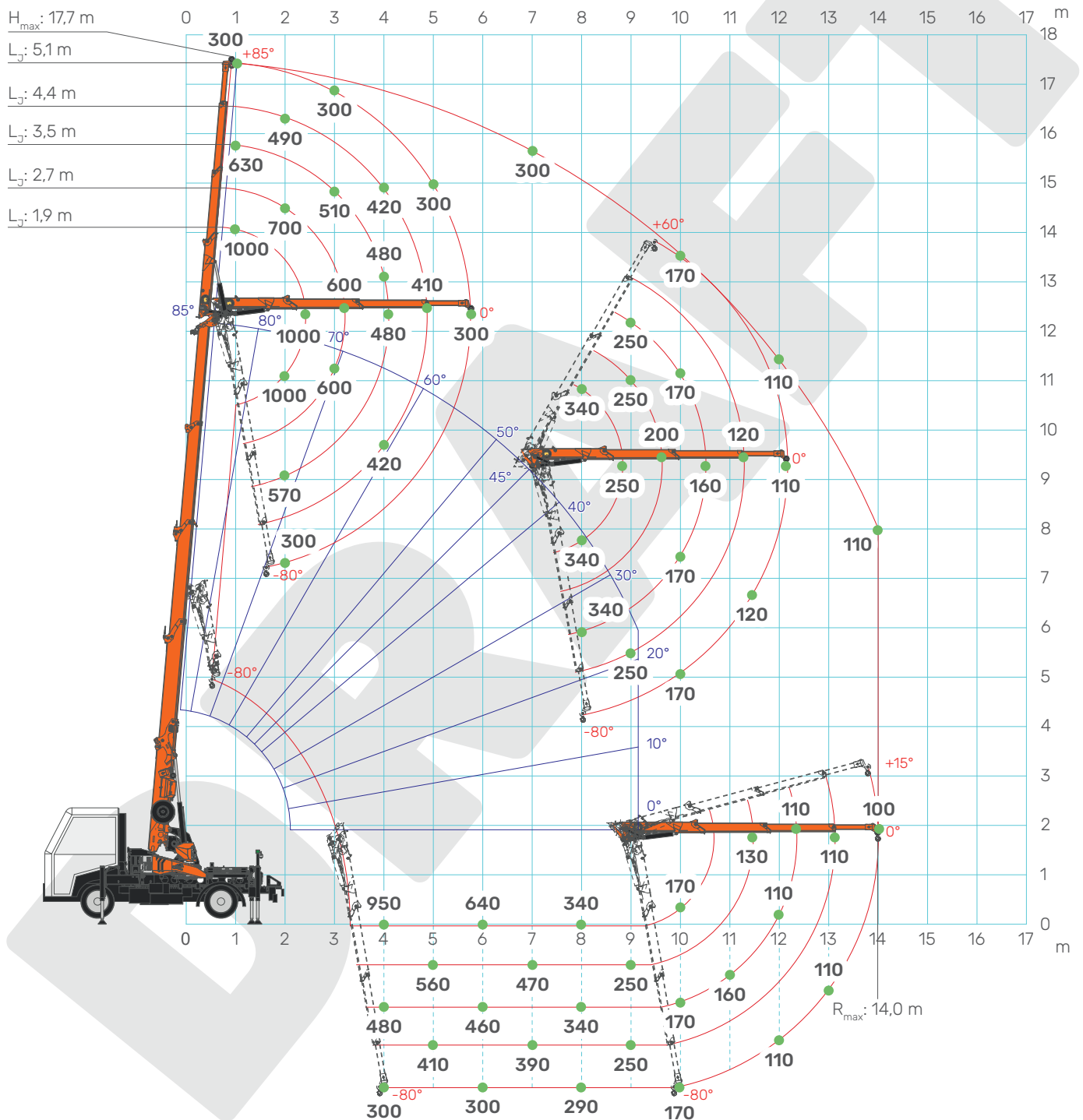
L [m]→	2,6	3,2	4,2	5,2	6,2	7,2	8,2	9,2	10,3
1	1200	1200	1200	1200	1200	1200	1200	1200	1200
2	1200	1200	1180	1100	1040	980	930	880	840
3	770	720	680	640	610	580	560	530	510
4		490	440	420	400	380	370	350	340
5			320	290	270	260	250	240	230
6				210	190	180	170	160	160
7					140	120	120	110	100
↑R[m]	[kg]	TRX32__100EU_0925_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	1200	1200	1200	1110	1010
2	780	710	650	600	550	510	470	440	410
3	370	340	310	280	260	250	230	210	200
4		190	160	140	130	120	110	100	90
↑R[m]	[kg]	TRX32__100EU_0925_C9J4							

* The loads highlighted are to be excluded when working in the frontal area (cab side).

JIB1000.2H1MX


J7


[kg]

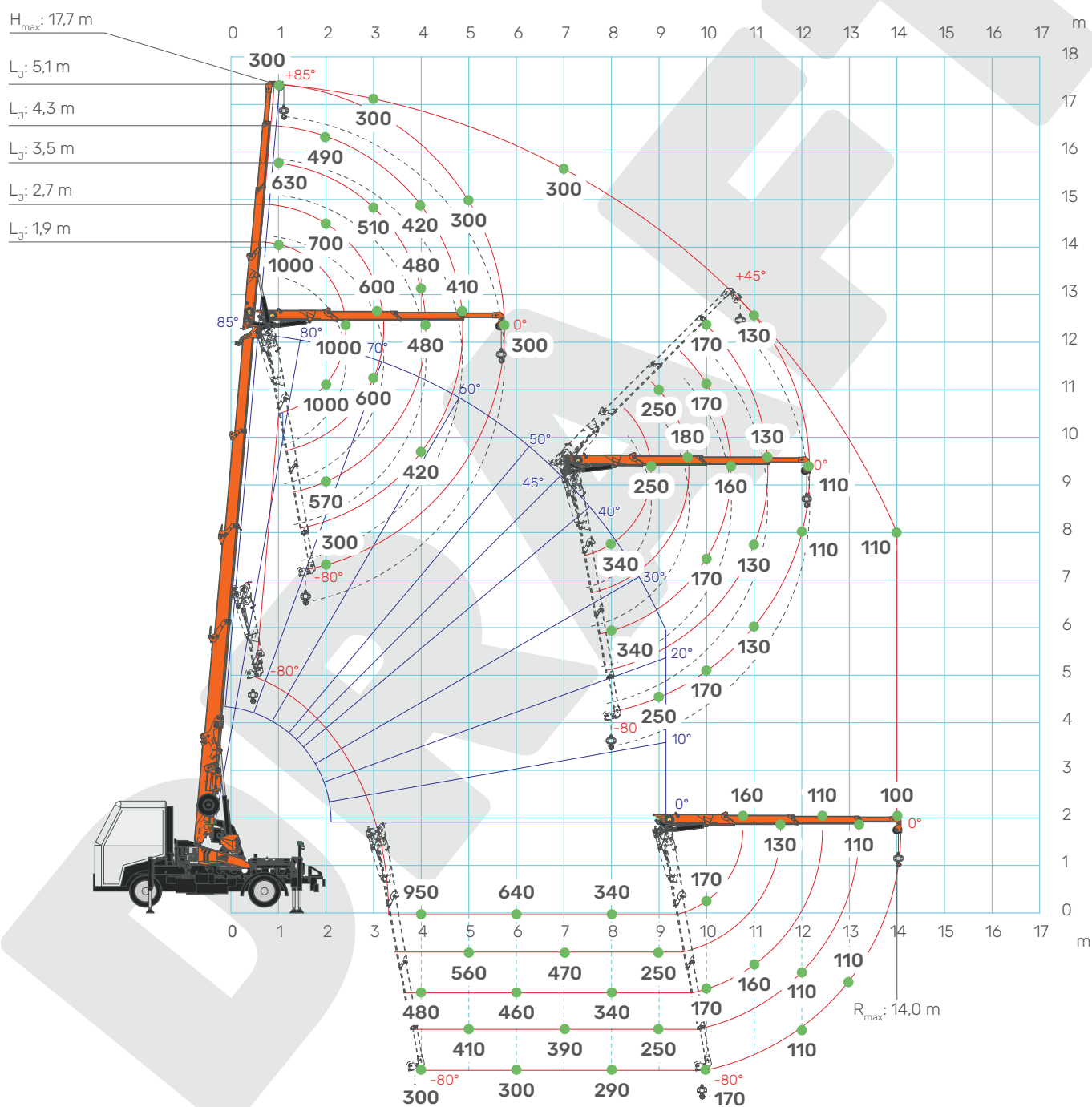
TRX32

JIB1000.2H1MX load chart

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J7



[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	800	560	470	410	300
6	640	510	460	400	300
7	470	470	450	390	300
8	340	340	340	340	290
9	250	250	250	250	250
10	170	170	170	170	170
11	160	160	160	130	130
12	110	110	110	110	110
13			110	110	110
14				100	100
↑R[m]	[kg]	TRX32__100EU_0925_C17J7			

CRANE PERFORMANCE: J6

L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	1000	800	630	500	460
2	1050	700	570	490	400
3	590	590	510	480	350
4	350	350	350	350	330
5	200	200	200	200	200
6	90	90	90	90	90
↑R[m]	[kg]	TRX32__100EU_0925_C17J6			

CRANE PERFORMANCE: J5

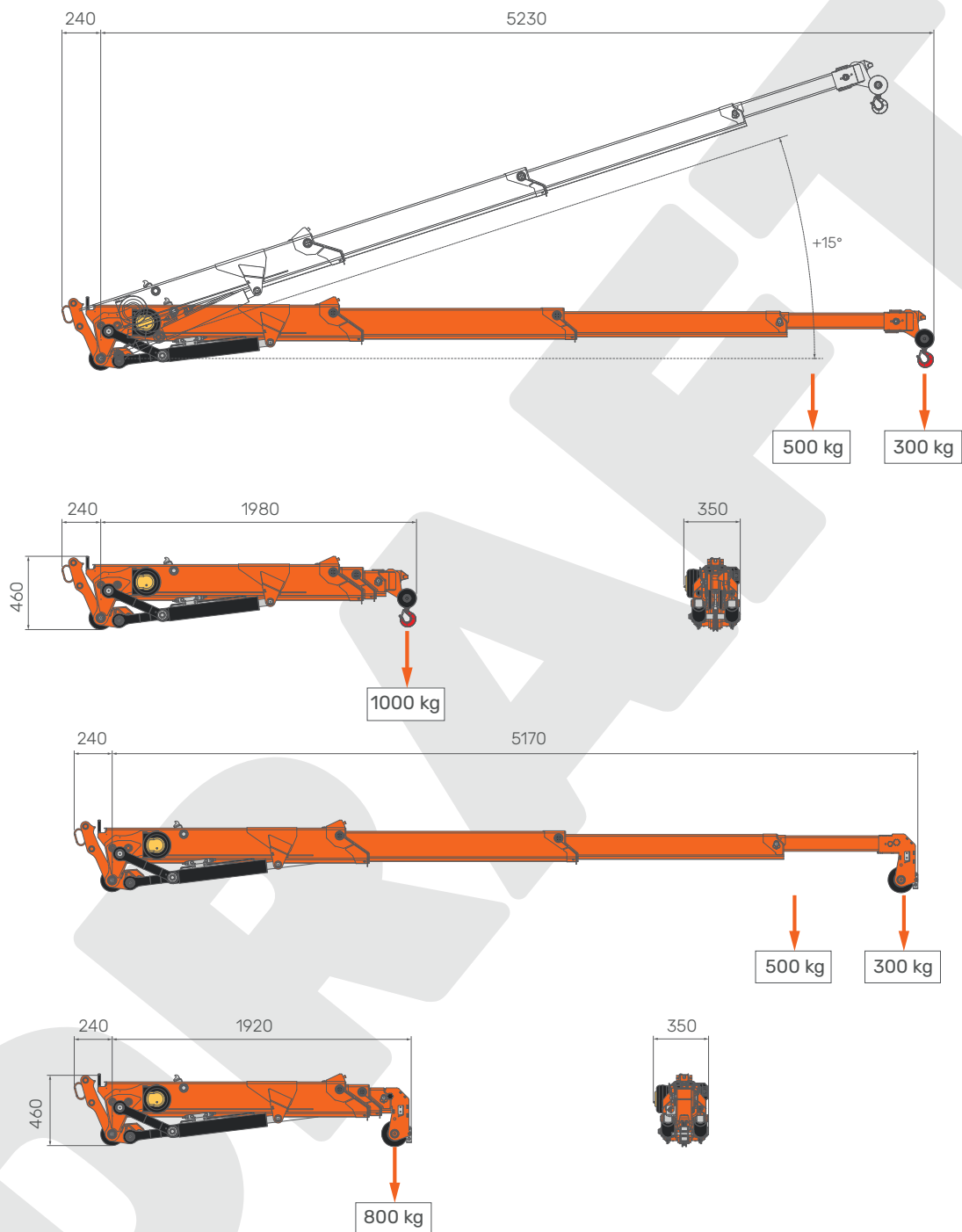
L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	1000	800	630	500	460
2	720	700	570	490	400
3	390	390	390	390	350
4	210	210	210	210	210
↑R[m]	[kg]	TRX32__100EU_0925_C17J5			

CRANE PERFORMANCE: J4

L _j [m]→	1,9	2,7	3,5	4,3	5,1
1	910	800	630	500	460
2	320	320	320	320	320
3	90	90	90	90	90
↑R[m]	[kg]	TRX32__100EU_0925_C17J4			

ACCESSORIES

JIB1000.2H1MX



WEIGHT



JIB

JIB1000.2H1MX

kg

240

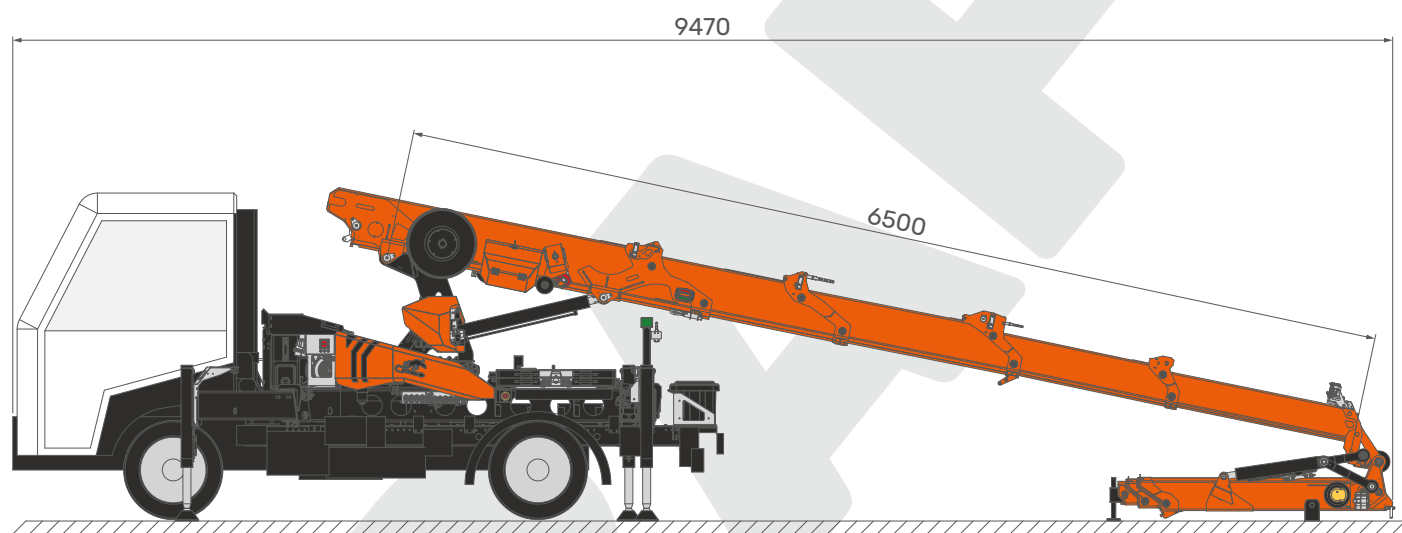
[mm]

* 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.

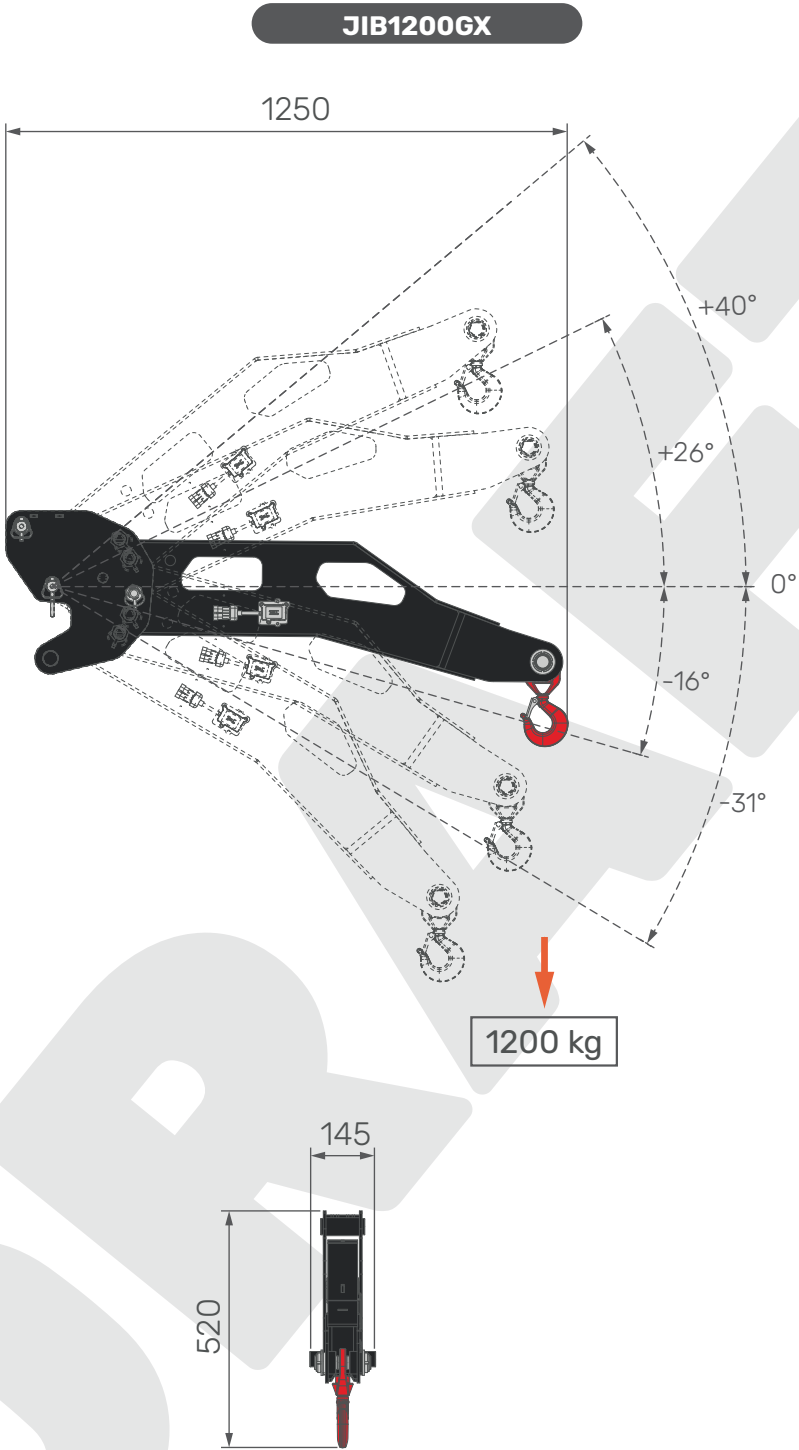
TRX32

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

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.

DRAFT



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SERIAL NUMBER:



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