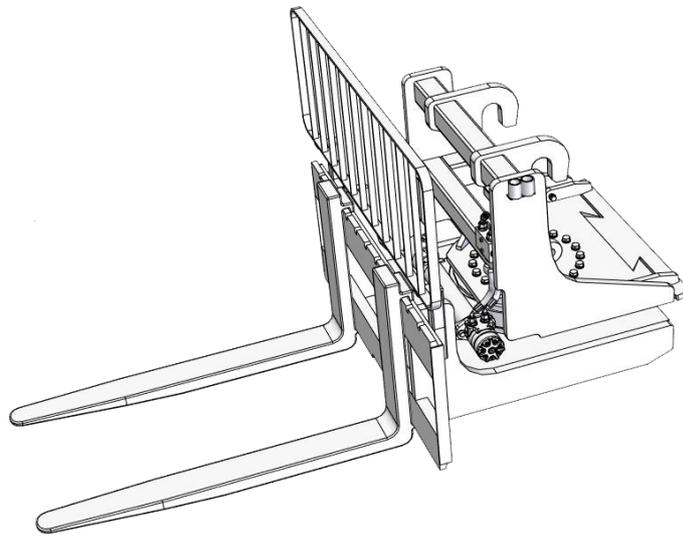


Use and Maintenance Manual

Interchangeable equipment
Rotary fork attachment plate
Nominal capacity 2500 kg / 5,500 lb



RFC 2.5 I - p.n.23771

RFC 2.5 U - p.n.23774

-- TRANSLATION OF THE ORIGINAL INSTRUCTIONS --

Drawn up in accordance with essential health and safety requirement 1.7.4 of Annex I to Directive 2006/42/EC



DICHIARAZIONE "CE" DI CONFORMITA'
secondo Direttiva 2006/42/CE, allegato II, parte 1, lettera A



Il sottoscritto Dott. Riccardo Magni, in qualità di Legale Rappresentante della Società,

MAGNI TELESCOPIC HANDLERS S.r.l.
Via Magellano 22
41013 Castelfranco Emilia (MO) Italia

quale persona autorizzata a costituire e compilare il fascicolo tecnico

DICHIARA
sotto la propria esclusiva responsabilità
che la seguente attrezzatura intercambiabile

Porta forche
2500 kg

MODELLO: **RFC2,5 I**
CODICE: **771**
NUMERO SERIE: **XXXXXX**
ANNO DI ABBRICO: **XXXX**

è conforme ai requisiti delle seguenti direttive:

2006/42/CE

e di conseguenza essere applicata sui seguenti veicoli costruiti dalla:

MAGNI TELESCOPIC HANDLERS S.r.l.
Via Magellano 22
41013 Castelfranco Emilia (MO) Italia

Modello veicolo	Valido dal numero di serie
RTH 4.18 Smart; RTH5.18 Smart; RTH 5.21 Smart S; RTH 5.23 Smart S; RTH 5.26 Smart	00000100
RTH 5.21 Smart S; RTH5.23 Smart S; RTH 5.26 Smart	00000100
RTH 5.23; RTH 5.26	00000100
RTH 5.23 S; RTH 5.26 S; RTH 5.30 S; RTH 5.35 S; RTH 6.7 S; RTH 6.7 SH	00000100
RTH 5.21 SH; RTH 5.23 SH; RTH 5.26 SH; RTH 5.30 SH; RTH 5.35 SH	00000100
-	-
-	-
-	-
-	-

e altresì conforme alle seguenti norme armonizzate:
EN ISO 12895:2015 Carrelli industriali - Compatibilità elettromagnetica

MAGNI TELESCOPIC HANDLERS S.r.l.
Dott. Riccardo Magni
Legale Rappresentante

Castelfranco Emilia (MO), Italia, XX/XX/XXXX

ce_IT_23771_01

Structure of the fork carriage plate documentation

General information

Instructions and
warnings for safe use
-
Control and command
instrumentation

Technical features
and
Load Charts

Maintenance and
inspection register

General information.

General information

Scope of the Manual

This Manual has been prepared by the Manufacturer with the intention of providing the operators with the information necessary for using the equipment safely.

This Manual contains all the information necessary for the user. The operators should use the equipment for the purposes envisaged and indicated in this Manual. The information should be read carefully and strictly applied.



Failure to comply with the information in this Manual can lead to risk for the health and safety of persons and result in damage to objects.

This documentation must be kept safe in good condition by the user in a suitable place, inside the vehicle cab, so that it is always readily available for consultation.

If lost or damaged, contact the Manufacturer directly for replacement documentation, indicating the Manual code and accessory code.

The Manual reflects the state of the art at the time of release of the product on the market.

The Manufacturer reserves the right to make changes, additions or improvements to the Manual, without however resulting in this publication being considered inadequate. All modifications to the documentation are made in a controlled manner and the various revisions ensure traceability to associate the Manual with the various models of the product released on the market.

Introduction:

The fork carriage plate is designed to provide the customer with a high level of simplicity of use and maintenance. However, before use, the operator must carefully read and gain complete familiarity with the methods of application and use of the accessory and all the aspects concerning safe use, as described in this Use and Maintenance Manual.

To order spare parts or for all technical information, the customer must always indicate the product code and the respective Serial No. on the ID plate affixed on the accessory structure.

Product identification plate	
MARKING	
<p>Aluminium plate bearing the Manufacturer's data and the fork attachment plate main technical data. The Plate is manufactured according to the family of standards EN 1459 and in compliance with the requirements of Article 16 of Directive 2006/42/EC. Editable fields show:</p>	
<p>A. Equipment type identification; B. Equipment trade name/model; C. Equipment serial number; D. Equipment year of manufacture; E. Equipment "MAGNI" identification code; F. Equipment unloaded mass; G. Equipment centre of gravity; H. Equipment nominal capacity; I. Equipment hydraulic service pressure.</p>	

MAGNI Telescopic Handlers		MAGNI TELESCOPIC HANDLERS Srl Via Magellano, 22 41019 Castelfranco Emilia Modena - ITALY Tel. +39 059 8031000	
		CE UK CA	
Designazione / Modello Designation / Model	A	B	
Matricola N° Serial number		C	
Anno di fabbricazione Year of manufacture		D	
Codice MAGNI MAGNI P/N		E	
Massa a vuoto Non-loaded mass		F	
Centro di gravità Center of gravity		G	
Capacità nominale Rated capacity		H	
Pressione idr. di servizio Hydr. Operating Pressure		I	
<p>* DESIGNAZIONE / DESIGNATION FC - Portaforca / Fork Carriage W - Argano / Winch H - gancio / hook J - braccio / jib JW - braccio con argano / jib winch B - pala / bucket C - pinza / clamp</p>		<p>ATTENZIONE: Rispettare la capacità della combinazione macchina + attrezzatura. La presente attrezzatura è conforme alle Normative EN 1459-X. WARNING: The capacity of machine and attachment shall be complied with. This attachment complies with EN 1459-X series.</p>	
MADE IN ITALY		http://www.magnih.com	

Legibility of the identification plate

The identification plates must be kept in good condition by means of periodic maintenance activities consisting of cleaning and washing, to ensure that all the data they contain remains legible over time.

If the plates are damaged and/or no longer legible, even as regards just one of the information elements thereon, it is the owner's responsibility to contact the Manufacturer for a replacement, indicating the equipment identification data and then replacing it.

Manufacturer's responsibilities



The manufacturer declines all responsibilities in the following cases:

- ✓ if the product is not used correctly in compliance with the national legislation and/or regulations regarding workplace safety;
- ✓ incorrect maintenance, lack of maintenance or failure to comply with the instructions provided in this Manual;
- ✓ modifications or tampering;
- ✓ use of the equipment by untrained unskilled personnel.

Safety of the equipment depends on strict compliance with the prescriptions in this Manual; in particular:

- ✓ always work within the limits of use of the product (see rating plate);
- ✓ always carry out careful maintenance of the accessory according to the schedule defined by the manufacturer;
- ✓ contact qualified and authorized service centres for carrying out inspections and maintenance;
- ✓ use only genuine spare parts.

Information regarding safety

- ✓ Carefully read the instructions given in this Manual.
- ✓ Personnel involved in any activity must have the technical skills and be provided with the adequate professional work tools used in suitable environments.
- ✓ Those operating on the product should be provided with suitable personal protection equipment, in accordance with the legislation of the country concerned.
- ✓ Use the equipment only for the purposes envisaged by the Manufacturer. Improper use can be a source of risk to the health and safety of persons and can cause damage to objects.



The Manufacturer has designed and constructed the accessory for industrial and professional uses.

- ✓ To carry out maintenance in areas that are not easily accessible or are potentially hazardous, provide adequate safety conditions for oneself and others, in compliance with the legislation on occupational safety in the country concerned.
- ✓ Maintenance, inspection and repairs must be carried out solely by a qualified maintenance technician who is aware of the hazard conditions.
- ✓ The skilled maintenance technician must always work with the utmost care and in strict compliance with the safety standards.
- ✓ When using the equipment, the operators must wear professional clothing and/or personal protection equipment, if necessary, indicated in the operating instructions provided by the Manufacturer and those envisaged by the legislation in force in the country concerned on matters of occupational safety.
- ✓ Replace worn components with genuine spare parts.
- ✓ Do not discard any polluting material into the environment and proceed with disposal in compliance with the applicable legislations in force in the country concerned.

How to request assistance

For all requests for assistance, the customer must contact our Technical Assistance Service or our sales network directly, indicating the data given on the accessory identification plate and the type of problem encountered.

Spare parts

To order spare parts or equipment required, the customer can contact our Technical Assistance Service directly, indicating the equipment model and its Serial No.

***Operating instructions and warnings
for safe use of the accessory.***

Foreword

Most of the accidents linked to use, maintenance and repair are due to failure to apply and comply with elementary safety standards. These accidents can be avoided by identifying the risks to which the user will be exposed and by taking the necessary precautions.

Specifically, the user must strictly follow the indications given below:

- ✓ Operations or movements not described in this Use and Maintenance Manual must be avoided; the person using methods other than those recommended must first ensure his own safety, the safety of others and correct handling of the equipment;
- ✓ The Manufacturer has designed the accessory accurately, with the help of appropriate tools and technologies to ensure its safety; however, it is difficult to assess all the work situations the fork carriage may be subject to in different operating conditions. Consequently, the user is responsible not only for following the indications given in this *Use and Maintenance Manual*, but also for adopting the methods for use that take into account the provisions and legislation on occupational health and safety in force in the country in which the equipment is used, associated with responsible use of the equipment, capable of foreseeing and preventing potential danger situations generated by special logistic, climatic, visibility and health conditions of the user.
- ✓ **Failure to comply with the safety regulations listed in the Use and Maintenance Manual for the use and maintenance and repair of the accessory can result in serious accident, sometimes even mortal.**

List of main risks and recommendations regarding the use of the equipment

- ✓ **Read the Use and Maintenance Manual carefully;**
- ✓ **Check the condition of the ground before using the crane with the accessory;**
- ✓ **Comply with the data indicated on the load charts. Do not attempt to lift weights exceeding those permitted on the load charts attached to the vehicle, under any circumstances whatsoever;**
- ✓ **If the lifting capacity of the accessory is different from that of the crane, take the lesser of the two as the maximum limit;**
- ✓ **It is strictly forbidden to tamper with the safety devices provided on the equipment.**
- ✓ **The equipment must not be modified to increase its lifting capacity;**
- ✓ **Keep the load low and with the telescopic boom completely retracted;**
- ✓ **Adjust the forklift truck speed to the ground conditions;**
- ✓ **Avoid sudden movements while handling the load;**
- ✓ **Do not use the equipment in the vicinity of overhead electricity lines; always keep at a safety distance of at least 5 m, especially where these are powered, or if their state is not known.**
- ✓ **Prevent the possibility of outsiders moving around in the work areas by means of warning signs and barriers in compliance with the regulations, provisions and laws on the matter of work safety established in the different countries in which the equipment is used.**
- ✓ **Only transport loads that are properly balanced;**
- ✓ **The equipment must be lowered to the ground in a hazard-free area devoid of obstacles;**
- ✓ **The empty hook must be lowered gently, to prevent abnormal stresses on the rope which can damage the rope itself or the equipment structure;**
- ✓ **Never leave the forklift truck parked with a raised load;**
- ✓ **The operator is required to stop using the vehicle in conditions of poor visibility and lighting and in particularly adverse weather conditions (storms with lightning);**
- ✓ **While working at heights, check constantly to make sure the wind speed never exceeds 45 km/h. In case of strong wind, retract the equipment immediately, as the specific wind pressure on hanging loads can overload the forklift truck and affect its stability;**
- ✓ **The forklift truck, equipped with accessories with winch, must be inspected periodically as envisaged for lifting equipment, in compliance with legislation, provisions and regulations applicable in the country of use. The user alone is responsible for ensuring compliance with the legislation in force.**

Conditions for using the forks in case of wind

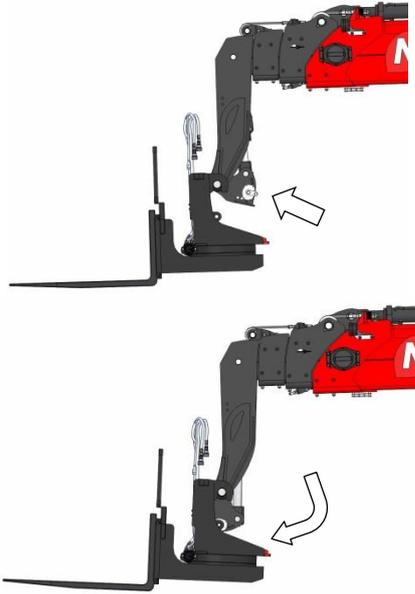
- ✓ The forks can also be used if wind is present, provided it does not exceed Force 6 of the Beaufort Scale (speed 49 km/h; 27 knots; 13.8 m/s);
- ✓ For visual identification of this speed, refer to the Beaufort Scale below for empiric evaluation of the wind speed.

BEAUFORT WIND SCALE					
force	speed (km/h)	speed (mi/h)	speed (m/s)	wind type	wind effects
0	0 - 1	0 - 1	> 0.3	calm	smoke rises vertically; sea surface mirror-like.
1	1 - 5	1 - 4	0.3 - 1.5	light air	wind causes smoke to drift; ripples on water.
2	6 - 11	5 - 7	1.6 - 3.3	light breeze	leaves rustle; small wavelets.
3	12 - 19	8 - 11	3.4 - 5.4	gentle breeze	leaves and twigs constantly moving; large wavelets, crests begin to break.
4	20 - 28	12 - 18	5.5 - 7.9	moderate breeze	the wind raises dust, dry leaves, small tree branches constantly moving; small waves becoming longer.
5	29 - 38	19 - 24	8 - 10.7	fresh breeze	small trees in leaf begin to sway; small waves form on inland waters; waves become moderately longer.
6	39 - 49	25 - 31	10.8 - 13.8	strong breeze	larger tree branches moving, whistling in telegraph wires; whitecaps on the sea surface and spray.
7	50 - 61	32 - 38	13.9 - 17.1	near gale	whole trees moving, resistance when walking against wind; sea heaps up, white foam streaks of breakers.
8	62 - 74	39 - 46	17.2 - 20.7	gale	twigs breaking off trees, walking against wind becomes impossible, moderately high waves of greater length, edges of crests begin to break into spindrift.
9	75 - 88	47 - 54	20.8 - 24.4	strong gale	shingles and tiles blown away; high waves, dense streaks of foam and spray, raised by wind, reduce the visibility.
10	89 - 102	55 - 63	24.5 - 28.4	storm	seldom experienced on land, trees uprooted, considerable damage to dwellings; very high waves with long overhanging crests.
11	103 - 117	64 - 73	28.5 - 32.6	violent storm	rare, severe devastation; enormous high waves, which can conceal medium sized ships; poor visibility.
12	beyond 118	74 +	32.7 +	hurricane	destruction of buildings, constructions, etc.; foam and sprays in the seas seriously reduce visibility.

Instructions for using the forks

How to position and connect the fork carriage plate to the boom

- ✓ **Only personnel qualified and trained for driving the forklift truck and using the various accessories provided on it must be allowed to connect the fork carriage plate;**
- ✓ **The accessory connecting operations must be performed by an operator provided with appropriate personal protective equipment;**

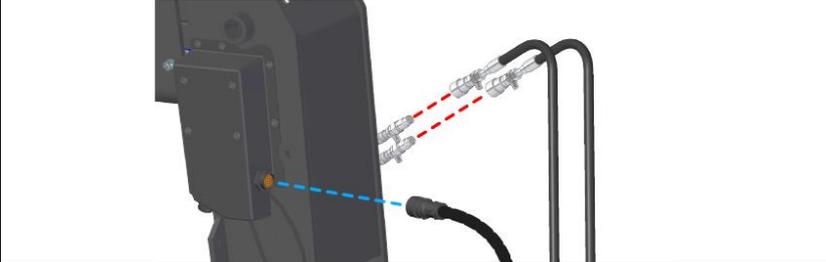
<ul style="list-style-type: none"> ✓ position the fork carriage plate on a steady level surface; ✓ align the boom head with the accessory's attachment seat; 	
<p>Potential risks present in the operation:</p> <ul style="list-style-type: none"> ✓ make sure that there is no one in the areas near the vehicle and the accessory. 	
<ul style="list-style-type: none"> ✓ insert the terminal part of the boom into the seat for connection of the accessory; ✓ position the shaft for connecting the boom into the seat in the structure of the accessory, then swing it to fully couple the forklift truck/accessory 	
<ul style="list-style-type: none"> ✓ insert the retainer pin into the hole present on the connecting flange of the boom aligned with the hole present on the accessory hooking structure; ✓ push the retainer pin carefully, all the way into the hole; 	
<p>Potential risks present in the operation:</p> <ul style="list-style-type: none"> ✓ Attention! crushing of the upper limbs. 	
<ul style="list-style-type: none"> ✓ insert the split shear pin in the hole present on the shaft which is integral with the structure of the fork carriage in such a manner as to prevent it from coming loose; 	

- ✓ When the forklift truck starts up, the display shows the information regarding the accessory detected, with the descriptive text and photo. If it is correct, the operator must validate it by pressing the green button.
- ✓ Once the accessory is recognised, the software program for checking the safety parameters of the forklift truck is activated automatically.

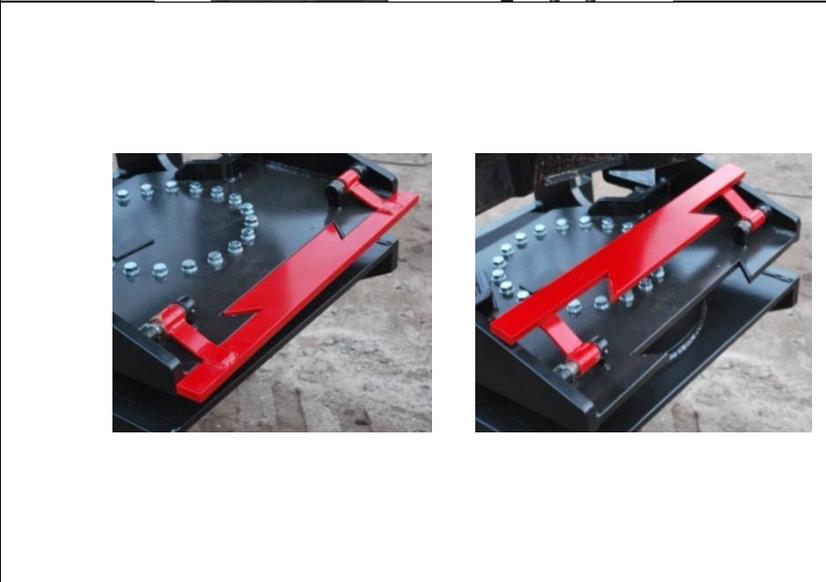


If the accessory is not recognised, check the state of preservation of the signal transmitter present on the accessory and of the signal receiver present at the head of the boom. If there is no damage, contact the Magni Telescopic Handlers Assistance Service.

- ✓ connect the accessory's hydraulic (red) and electrical (blue) system.



- ✓ position the mechanical block that rotates the accessory according to operating requirements:
 - ✓ if it is lowered, rotation is limited to 90° per side;
 - ✓ if it is folded back, rotation is free (360°).

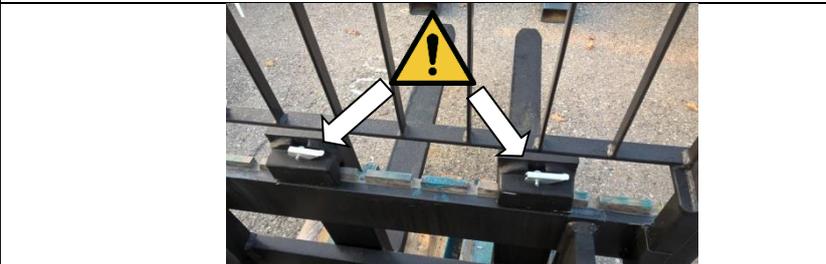


For accessories fitted with an encoder, once the overload capacity limit has been reached with the forks rotated, to restore safety conditions and rotate the forks facing forward, you must turn the safety device bypass key and perform the operations to return the load within the limits set by the limiter.

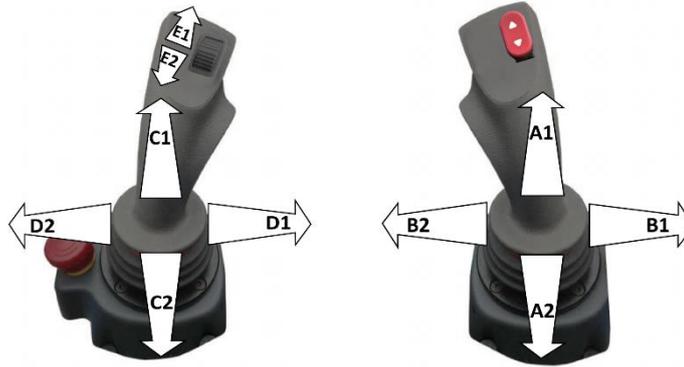
- ✓ to adjust the position of the forks, move the adjustment blocks.



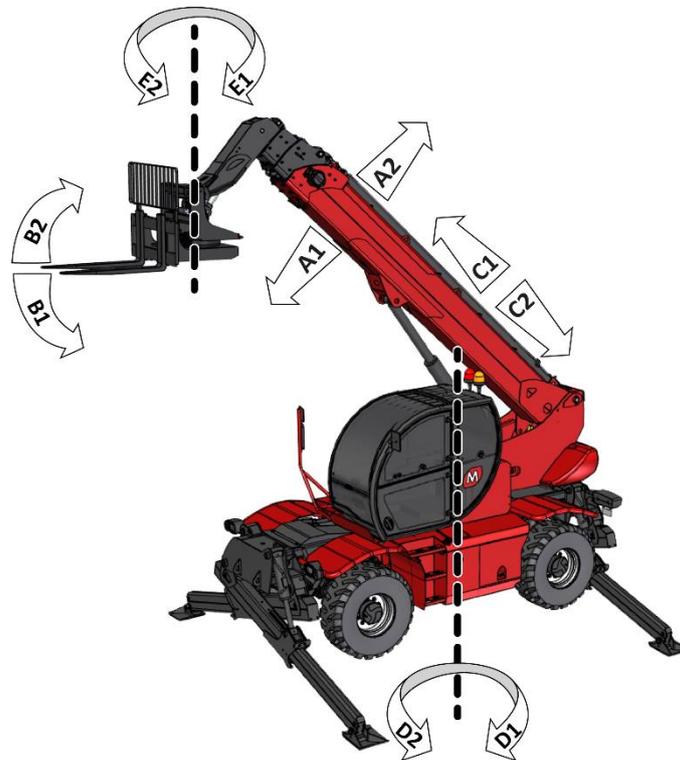
Never work with the forks unlocked



Controlling the commands of the accessory from the RTH cab



Inside the grip of each servo control there is a button with the “**movement enable**” function: press this button to impart a command to the forklift truck or accessory attached. Absence of the procedure is displayed on the control panel

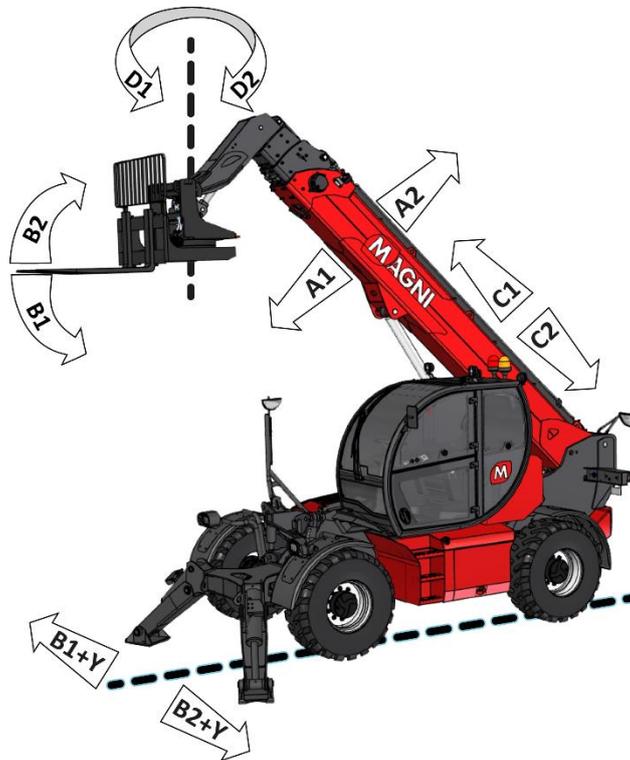


- A1:** move the right joystick forward to lower the telescopic boom;
- A2:** move the right joystick backward to raise the telescopic boom;
- B1:** move the right joystick to the right to tilt the equipment downward;
- B2:** move the right joystick to the left to tilt the equipment upward;
- C1:** move the left joystick forward to extend the telescopic boom;
- C2:** move the left joystick backward to retract the telescopic boom;
- D1:** move the left joystick to the right to rotate the vehicle's turret clockwise;
- D2:** move the left joystick to the left to rotate the vehicle's turret anti-clockwise;
- E1:** rotate the roller forward to rotate the fork to the left;
- E2:** rotate the roller backward to rotate the fork to the right;

Controlling the commands of the accessory from the TH cab

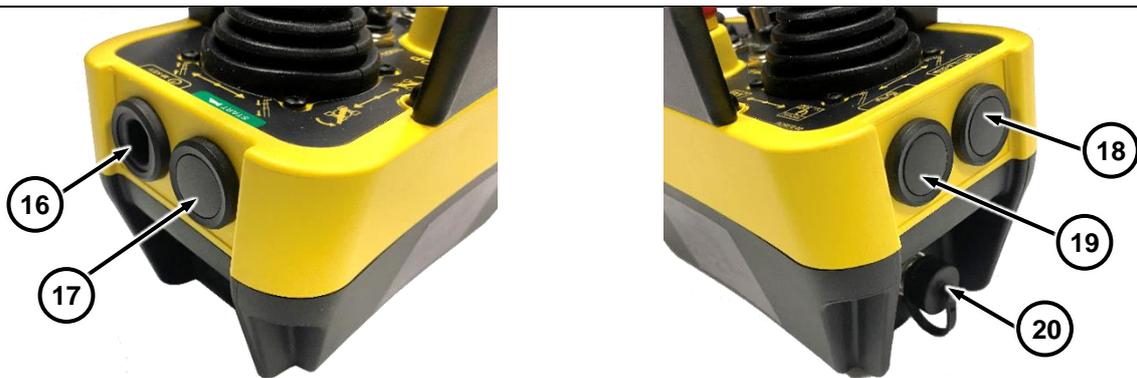
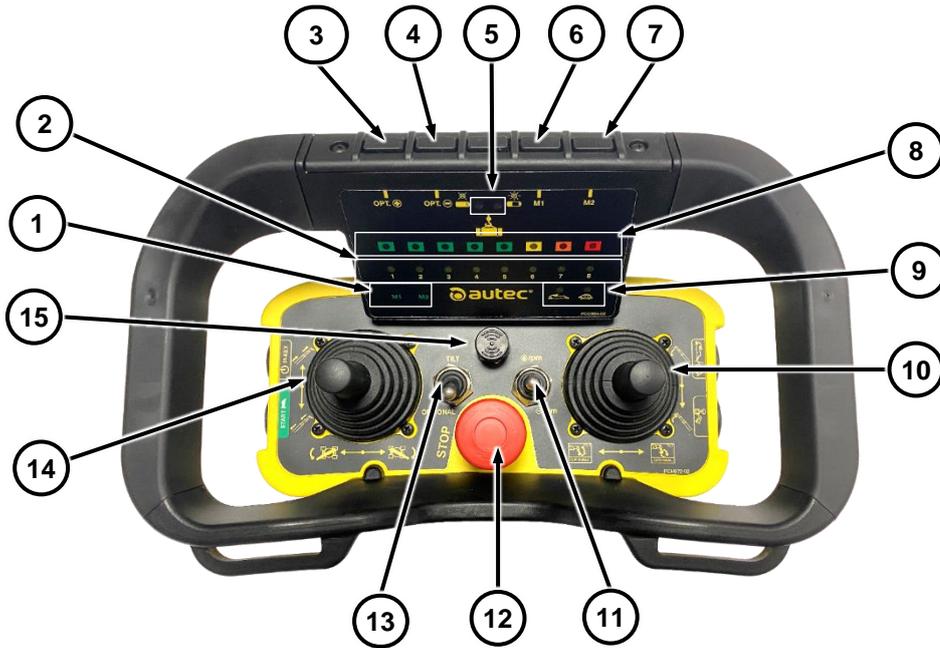


Inside the grip of each servo control there is a button with the “**movement enable**” function: press this button to impart a command to the forklift truck or accessory attached. Absence of the procedure is displayed on the control panel



- A1:** move the right joystick forward to lower the telescopic boom;
- A2:** move the right joystick backward to raise the telescopic boom;
- B1:** move the right joystick to the right to tilt the equipment downward;
- B2:** move the right joystick to the left to tilt the equipment upward;
- B1+Y button:** move the right joystick to the right to move the carriage to the right;
- B2+Y button:** move the right joystick to the left to move the carriage to the left;
- C1:** rotate the roller forward to extend the telescopic boom;
- C2:** rotate the roller backward to retract the telescopic boom;
- D1:** rotate the roller forward to rotate the fork to the left;
- D2:** rotate the roller backward to rotate the fork to the right;

Controls on the radio control



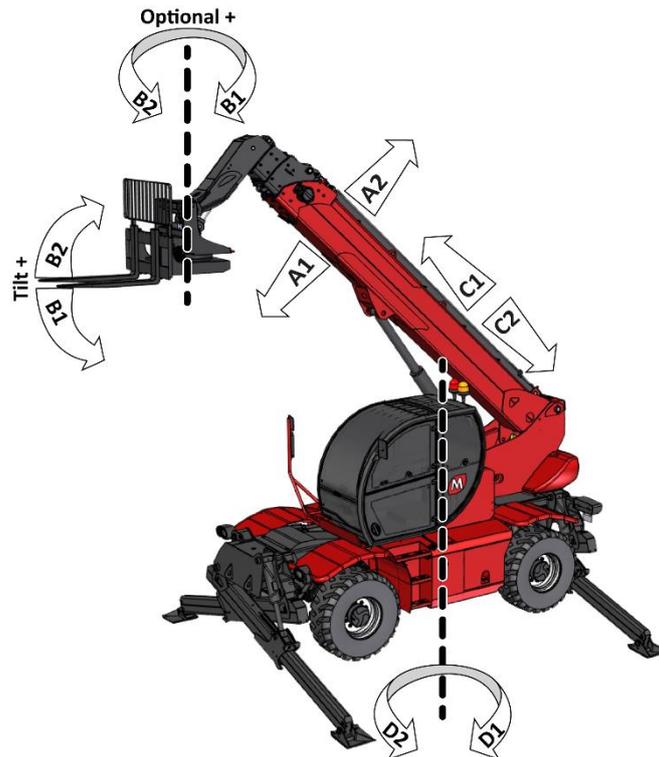
- 1 M1 or M2 load handling mode selection indicator LEDs (where applicable);
- 2 numerical scale indicating the program selected for moving the accessory (where applicable),
- 3 program increase button [+] for moving the accessory,
- 4 program decrease button [-] for moving the accessory,
- 5 LED indicating the charging status of the radio control batteries,
- 6 M1 load handling mode selection button (where applicable),
- 7 M2 load handling mode selection button (where applicable),
- 8 LED scale indicating the load level detected by the vehicle's porthole system,
- 9 LED indicating the vehicle movements speed mode (inhibited with platform in use)
- 10 right joystick,
- 11 engine's RPM +/- selector,
- 12 emergency stop button,
- 13 TILT (vehicle controls) OPTIONAL (accessory controls) functions selector,
- 14 left joystick,
- 15 buzzer,
- 16 radio control magnetic activation key housing,
- 17 button for turning the radio control on/off,
- 18 movements speed mode selection button: slow/fast (inhibited with platform in use)
- 19 emergency pump activation button,
- 20 wiring connector (only for connection to aerial platform)

Activation procedure for using the radio control panel

When the equipment is already connected to the forklift truck, proceed as follows:

<ul style="list-style-type: none"> ✓ start the vehicle and confirm the accessory, ✓ position the vehicle on stabilisers. 	
<ul style="list-style-type: none"> ✓ make sure that the reverse gear is in NEUTRAL, ✓ engage the vehicle's parking brake by pressing the button under the steering wheel, ✓ check that the specific indicator lights up. 	
<ul style="list-style-type: none"> ✓ activate the forklift truck connection with the radio control by pressing the key on the "stabilisers page" or "controls page". 	 <p style="text-align: center;">Stabilisers page Controls page</p>
<ul style="list-style-type: none"> ✓ turn the red emergency button clockwise to activate the electrical circuit of the radio control; insert the magnetic key on the left-hand side. 	
<ul style="list-style-type: none"> ✓ wait for the green battery charge light to turn on and then press the connection button underneath the magnetic safety key. ✓ If everything is correct, when the connection has been made the vehicle's horn makes a warning sound. 	
<p>The radio control is now operative.</p>	

Management of the controls from the radio control



A1: move the right joystick forward to lower the telescopic boom;

A2: move the right joystick backward to raise the telescopic boom;

B1 with TILT function: move the right joystick to the right to tilt the equipment downward;

B2 with TILT function: move the right joystick to the left to tilt the equipment upward;

C1: move the left joystick forward to extend the telescopic boom;

C2: move the left joystick backward to retract the telescopic boom;

D1: move the left joystick to the right to rotate the vehicle's turret clockwise;

D2: move the left joystick to the left to rotate the vehicle's turret anti-clockwise;

B1 with Optional function: move the right joystick to the right to rotate the fork clockwise to the right;

B2 with Optional function: move the right joystick to the left to rotate the fork anticlockwise to the left.

Emergency stop.



In dangerous conditions, press the red emergency button either inside the vehicle's cab next to the left joystick (**RTH**) or right dashboard (**TH**) and in the centre of the radio control to stop every forklift truck and accessory movement.



RTH



TH

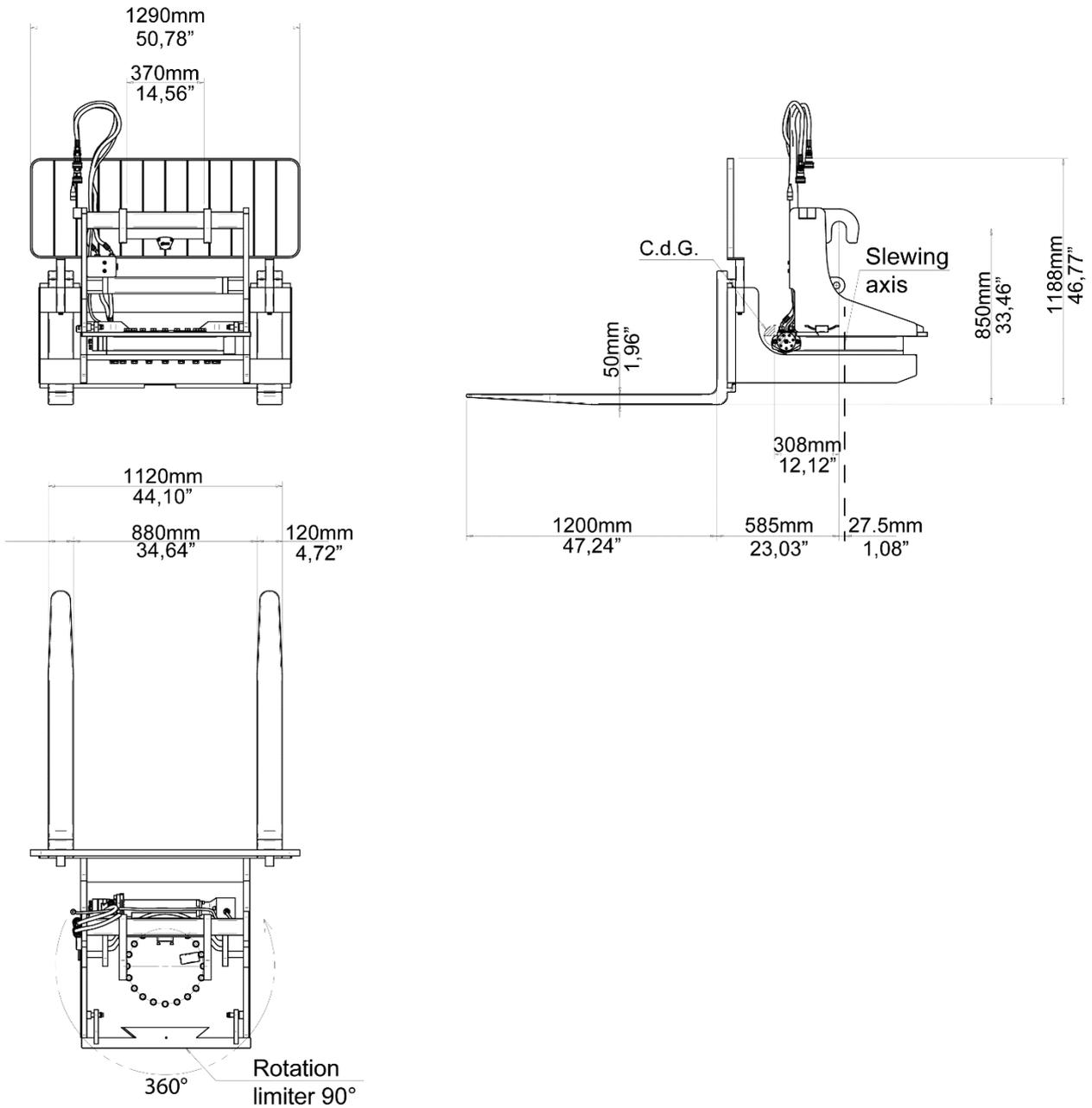


Radio control

To re-enable vehicle/accessory movements, reset the red emergency button by turning it clockwise, then restart the vehicle and/or reconnect the radio control.

***Technical features
and load charts.***

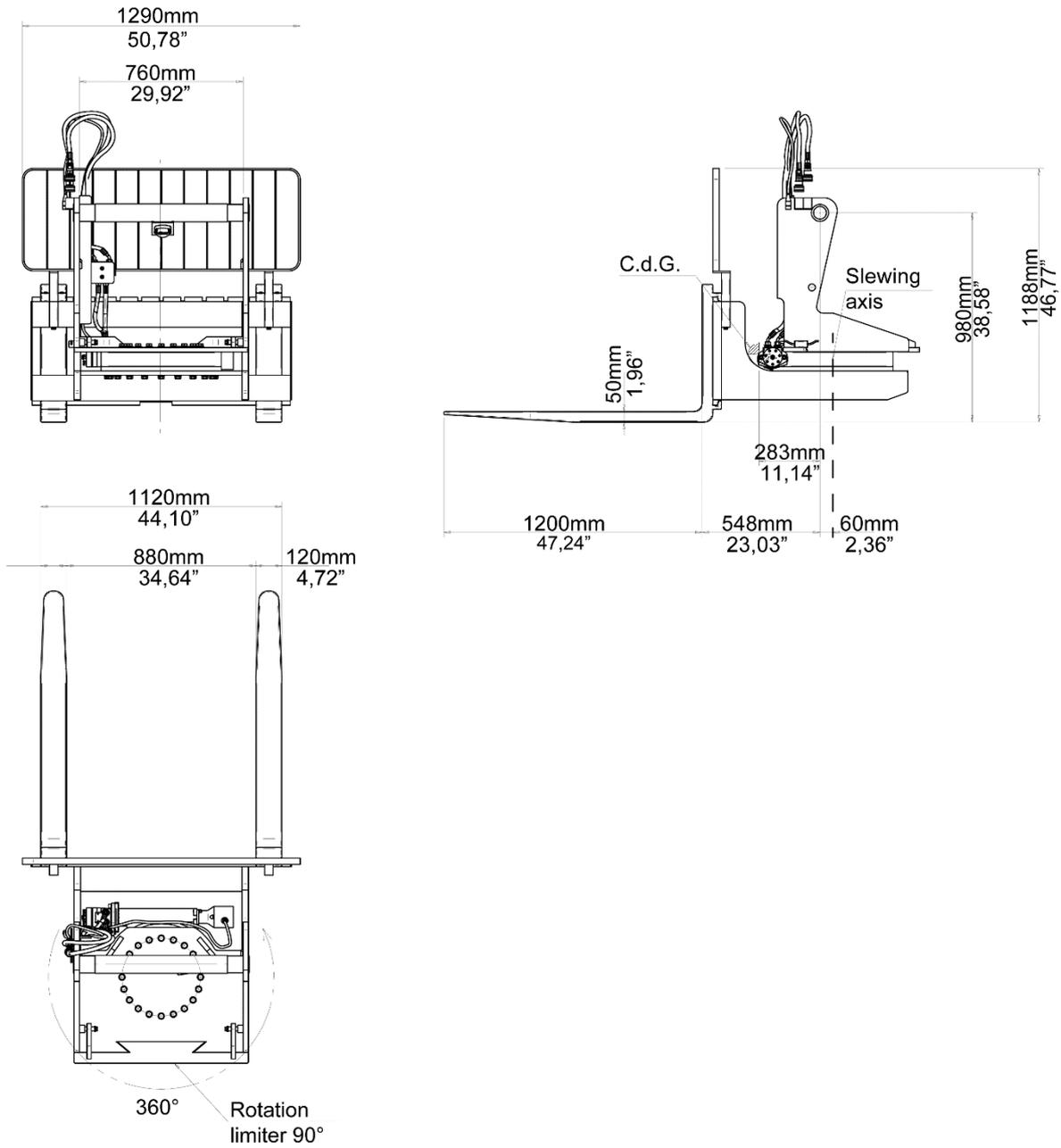
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Unladen weight
Load capacity
Maximum hydraulic operating pressure

740 kg / 1630 lbs
2500 kg / 5510 lbs
260 bar / 3820 lbs

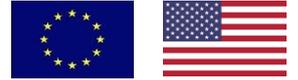
RFC 2.5 U - p.n.23774



Unladen weight
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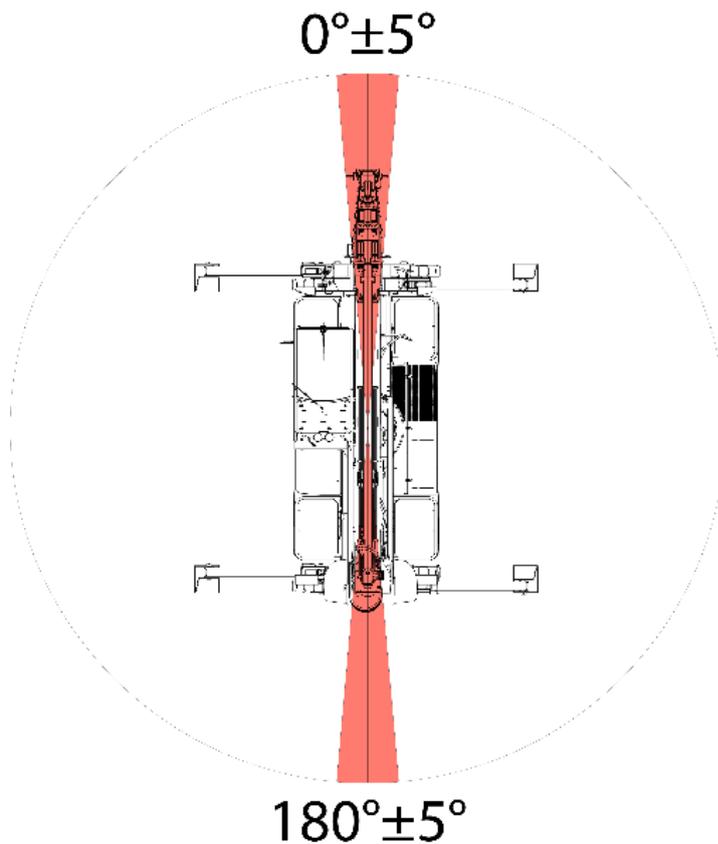
LOAD CHARTS (EU / US VERSION)



Reading the load charts

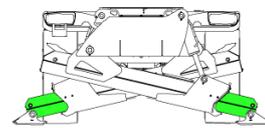
For vehicles fitted with “scissor” stabilisers, in any stabiliser extension configuration and in a turret rotation range between $0^\circ \pm 5^\circ$ and $180^\circ \pm 5^\circ$, the load charts apply taking into consideration the maximum load (**Condition 3**).

Otherwise, if these limits are exceeded, the load charts specific to the extension percentage of the stabilisers apply, as given below: **Condition 1**, **Condition 2** and **Condition 3** with dedicated work areas.



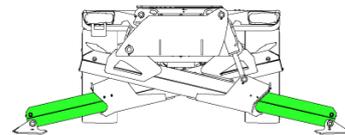
Condition 1

Stabilizer extension from 0 to 49%



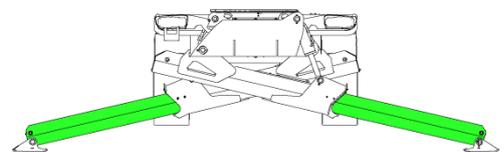
Condition 2

Stabilizer extension from 50 to 99%



Condition 3

Stabilizer extension at 100%



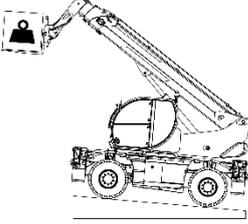
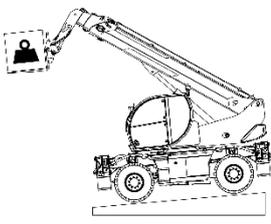
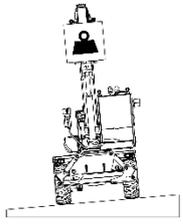
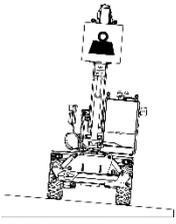
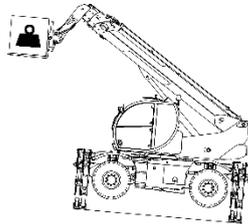
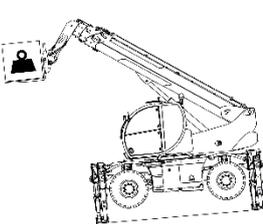
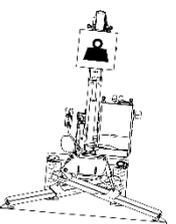
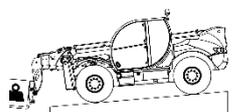
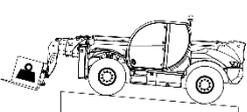
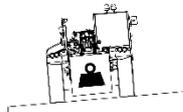
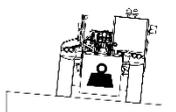
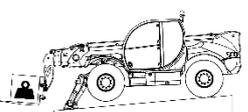
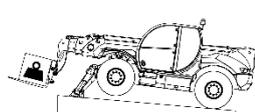
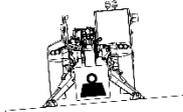
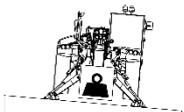
NOTICE

The above diagram and indications only apply to models in the RTH range fitted with scissor stabilisers.

Conditions for using the vehicle

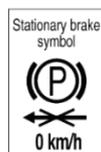
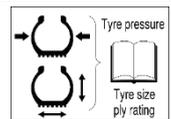
WARNING

The table below shows the maximum angles allowed for the vehicle chassis in the working area (represented by the load chart), depending on the machine model used (RTH or TH) and the configuration chosen (on wheels or stabilisers).

Models	Maximum operating inclination allowed			
RTH on wheels <i>(in compliance with standard EN 1459)</i>	 4° max	 4° max	 3° max	 3° max
RTH on stabilisers <i>(in compliance with standard EN 1459)</i>	 1° max	 1° max	 1° max	 1° max
TH on wheels <i>(in compliance with standard EN 1459)</i>	 4° max	 4° max	 3° max	 3° max
TH on stabilisers <i>(in compliance with standard EN 1459)</i>	 4° max	 4° max	 3° max	 3° max

WARNING

Always check the tyre pressure before moving the vehicle with the equipment attached: incorrect tyre pressure can affect the stability of the vehicle and cause it to tip over.



Parking brake engaged =



Maximum allowed wind speed =

RFC 2.5 combinations

RTH 4.18 Smart / RTH 4.18

RTH 5.18 Smart / RTH 5.18

RTH 5.21 Smart / RTH 5.21

RTH 5.21 Smart S

RTH 5.21 SH

RTH 5.23 Smart / RTH 5.23

RTH 5.23 Smart S

RTH 5.23 SH

RTH 5.25 Smart S

RTH 5.25 SH

RTH 5.26 S

RTH 5.30 S

RTH 5.35 S

RTH 5.39 S

RTH 6.21

RTH 6.23

RTH 6.25

RTH 6.26 SH / RTH 6.26

RTH 6.30 SH / RTH 6.30

RTH 6.35 SH / RTH 6.35

RTH 6.39 SH / RTH 6.39

RTH 6.46 SH / RTH 6.46

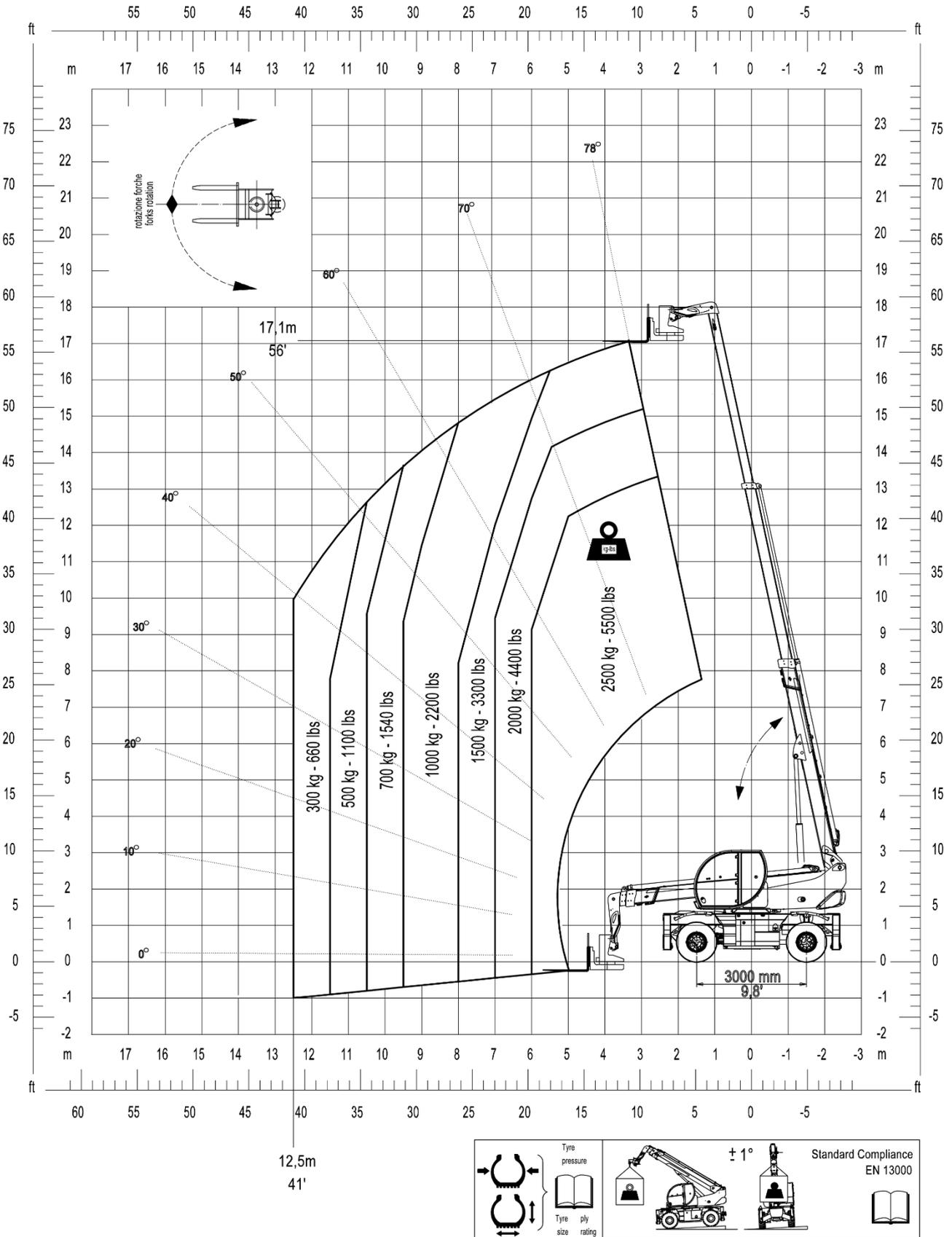
RTH 6.51

RTH 7.26

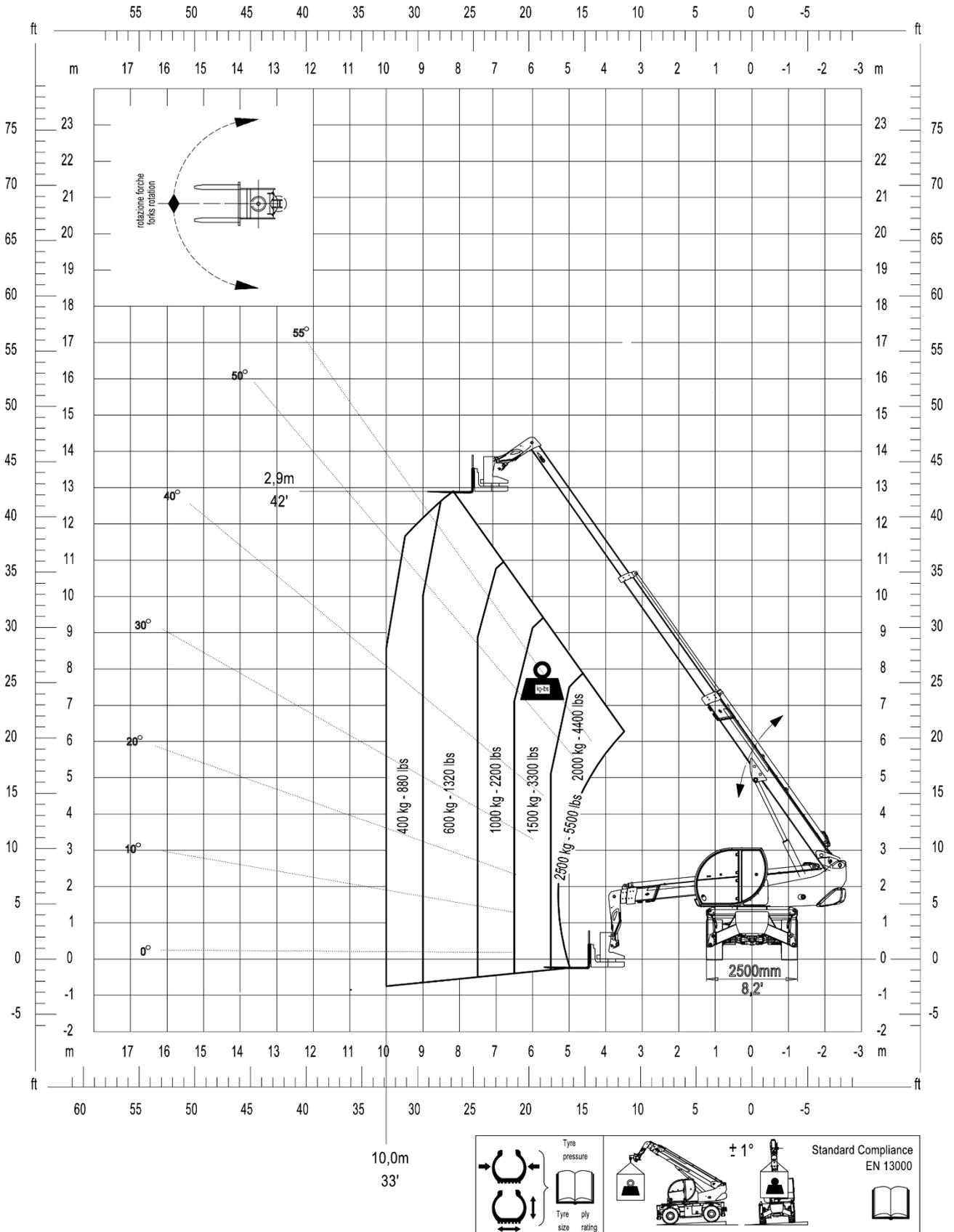
RTH 8.25 SH / RTH 8.25

TH 6.20

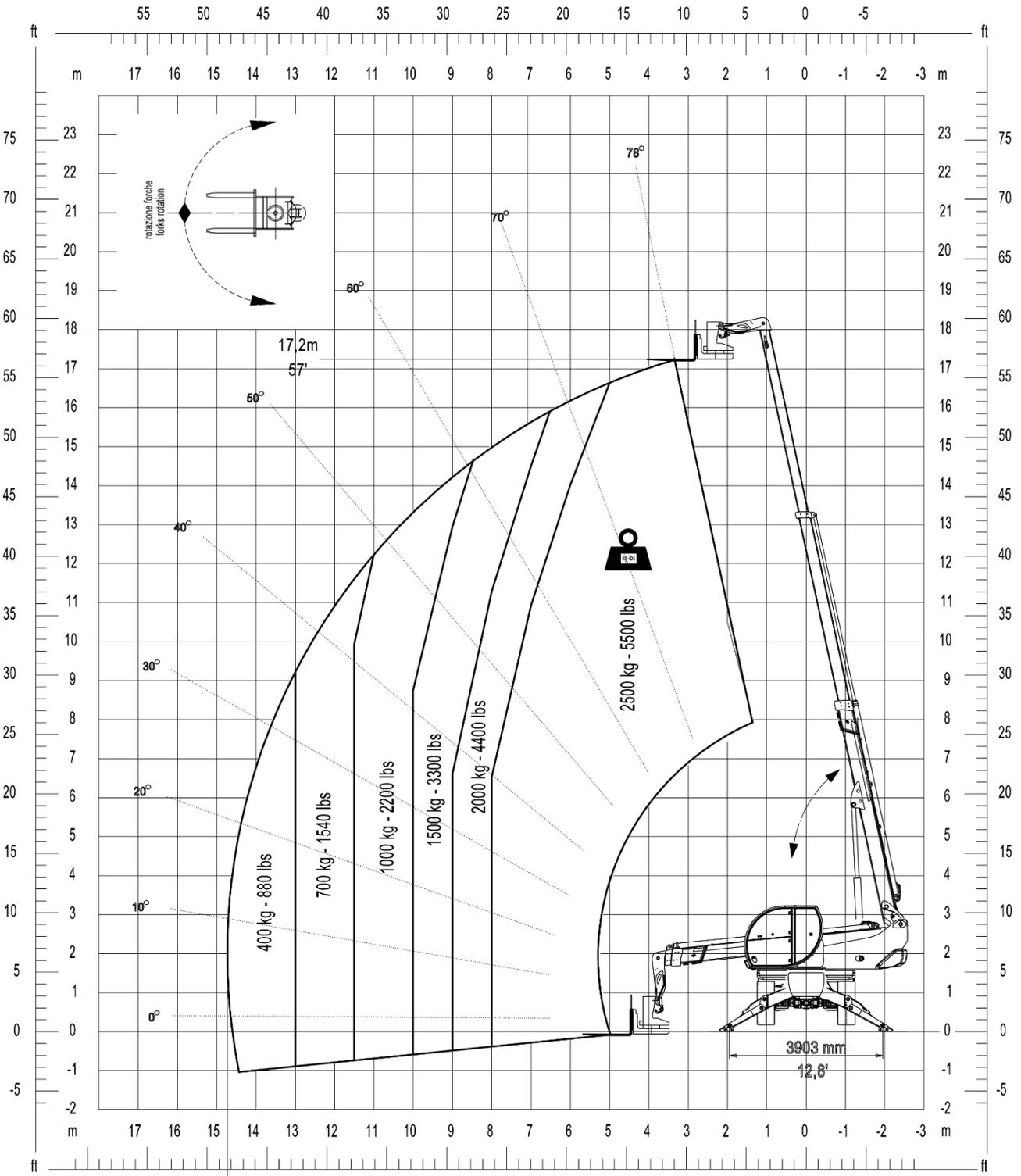
Vehicle	Configuration	Turret rotation
RTH 4.18 Smart RTH 4.18	Tyres	0°



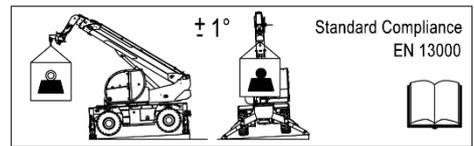
Vehicle	Configuration	Turret rotation
RTH 4.18 Smart RTH 4.18	Tyres	360°



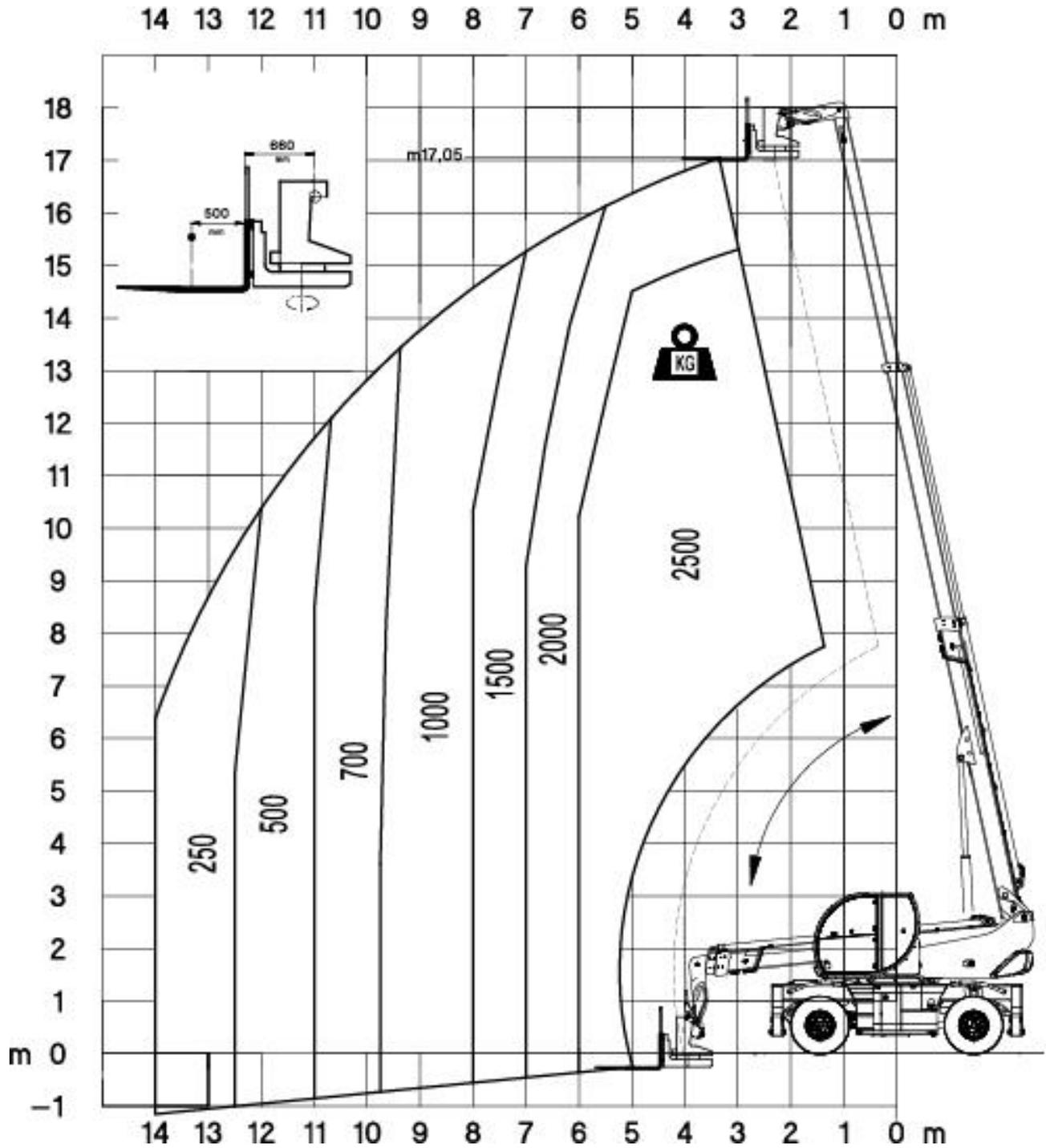
Vehicle	Configuration	Turret rotation
RTH 4.18 Smart RTH 4.18	Stabilised → Condition 3	360°



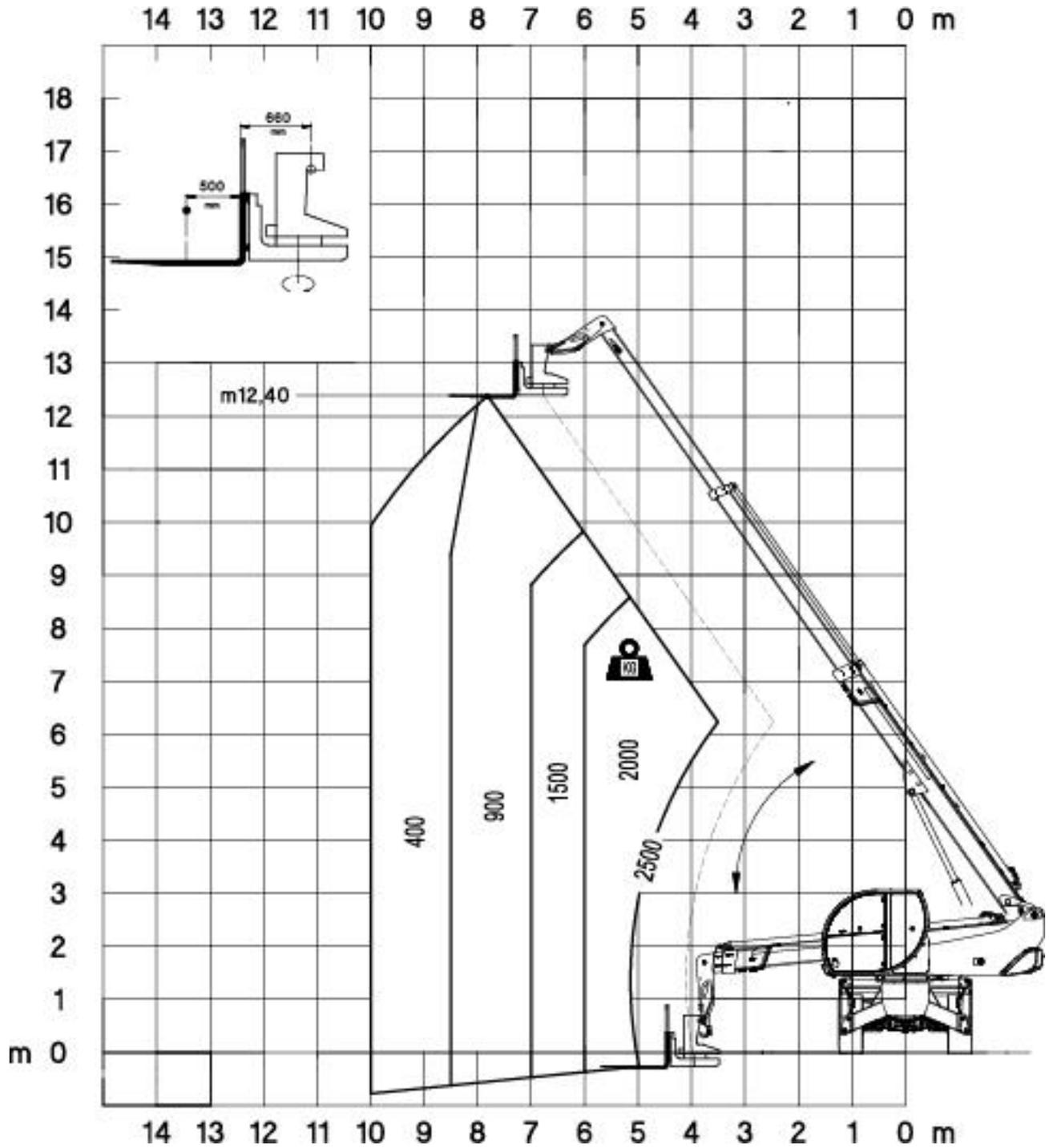
14,7m
48'



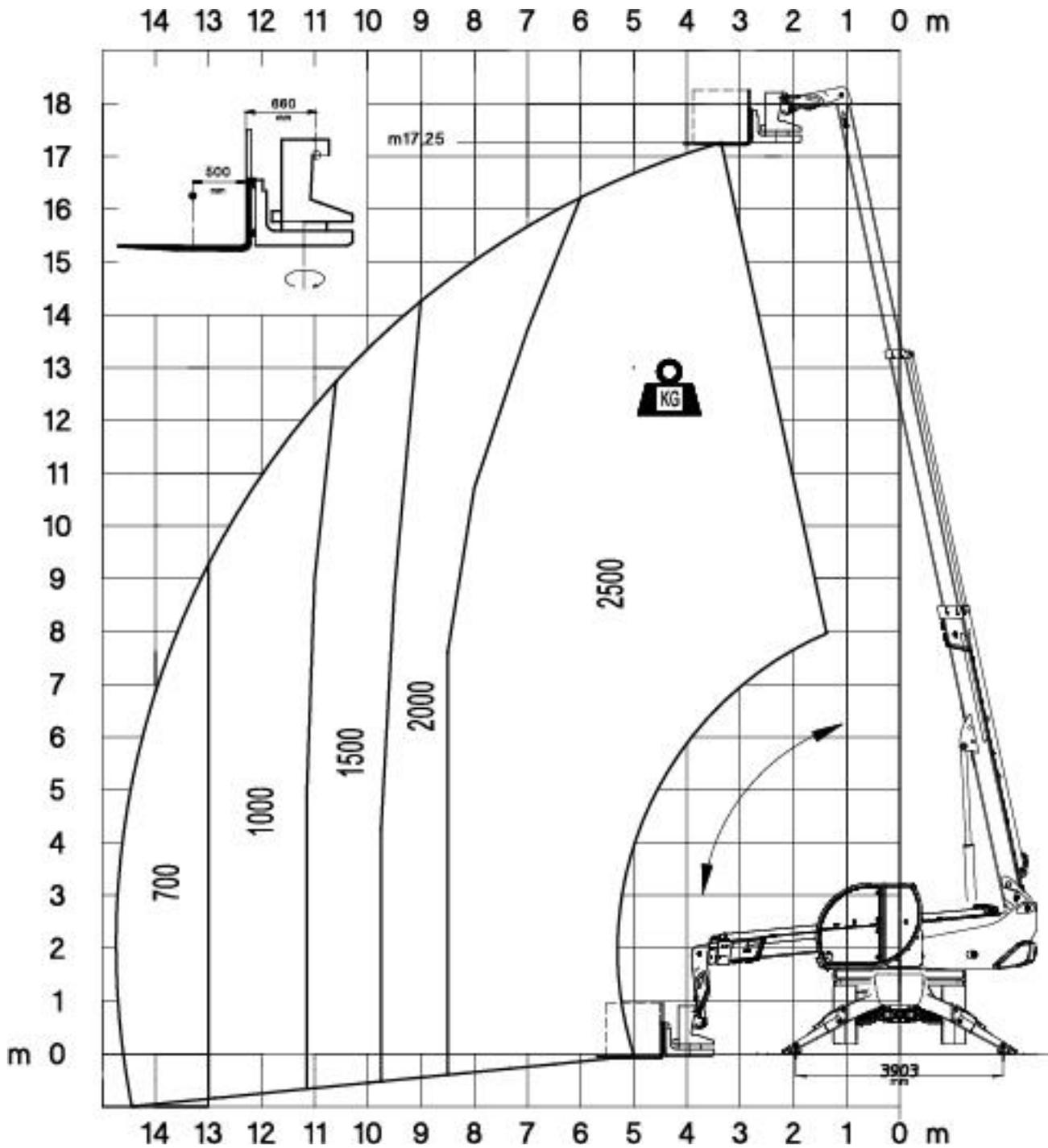
Vehicle	Configuration	Turret rotation
RTH 5.18 Smart RTH 5.18	Tyres	0°



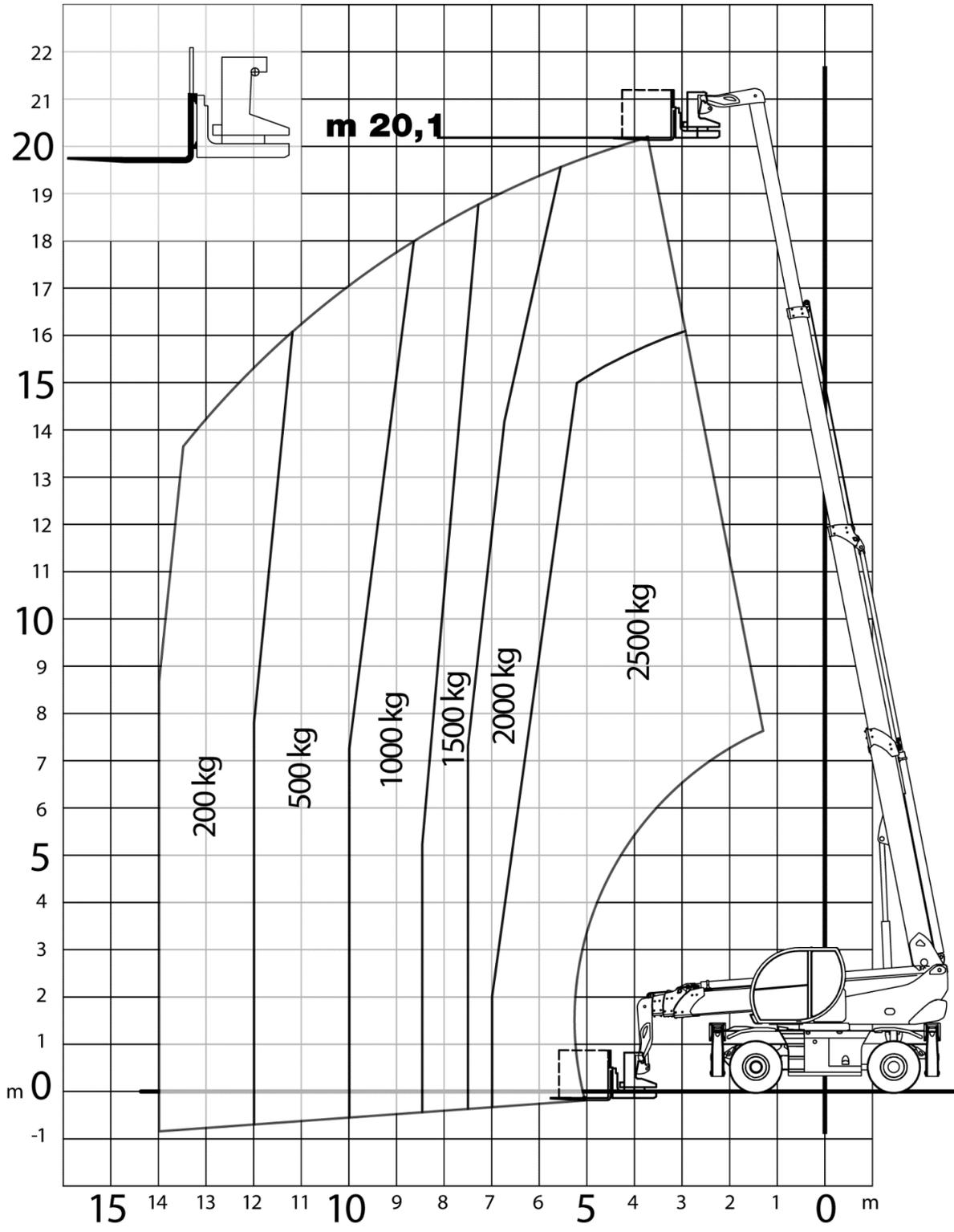
Vehicle	Configuration	Turret rotation
RTH 5.18 Smart RTH 5.18	Tyres	360°



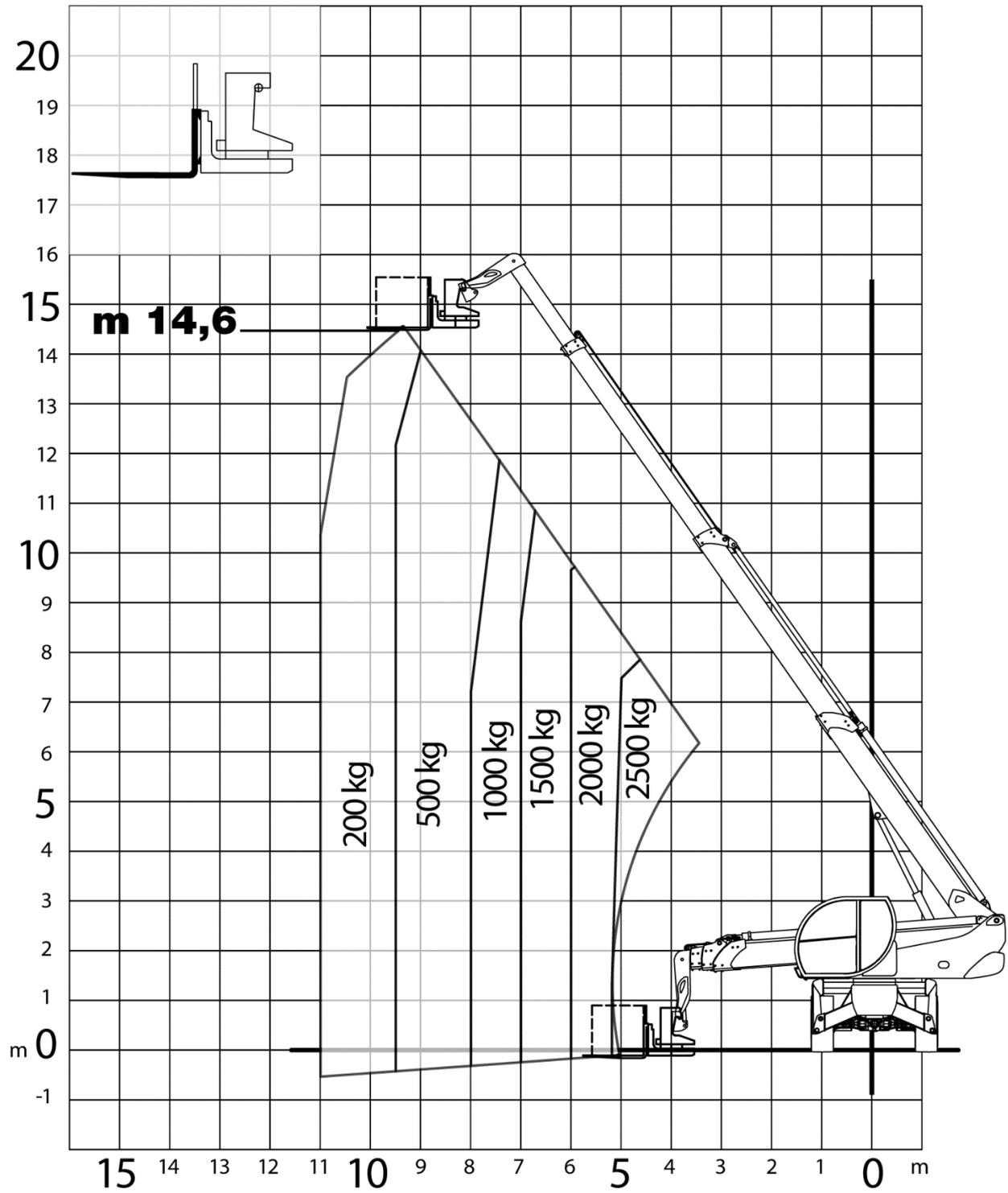
Vehicle	Configuration	Turret rotation
RTH 5.18 Smart RTH 5.18	Stabilised → Condition 3	360°



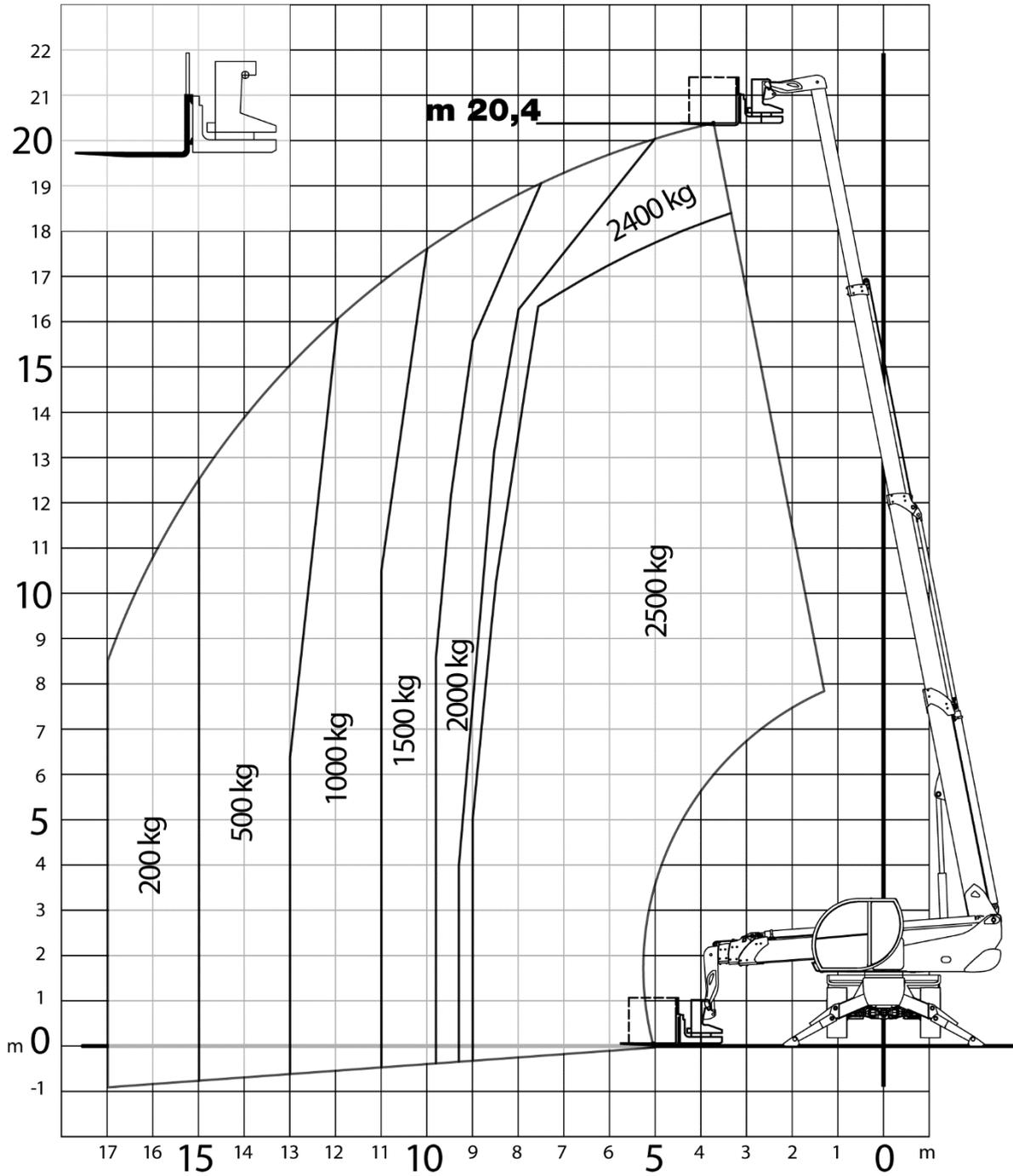
Vehicle	Configuration	Turret rotation
RTH 5.21 Smart RTH 5.21	Tyres	0°



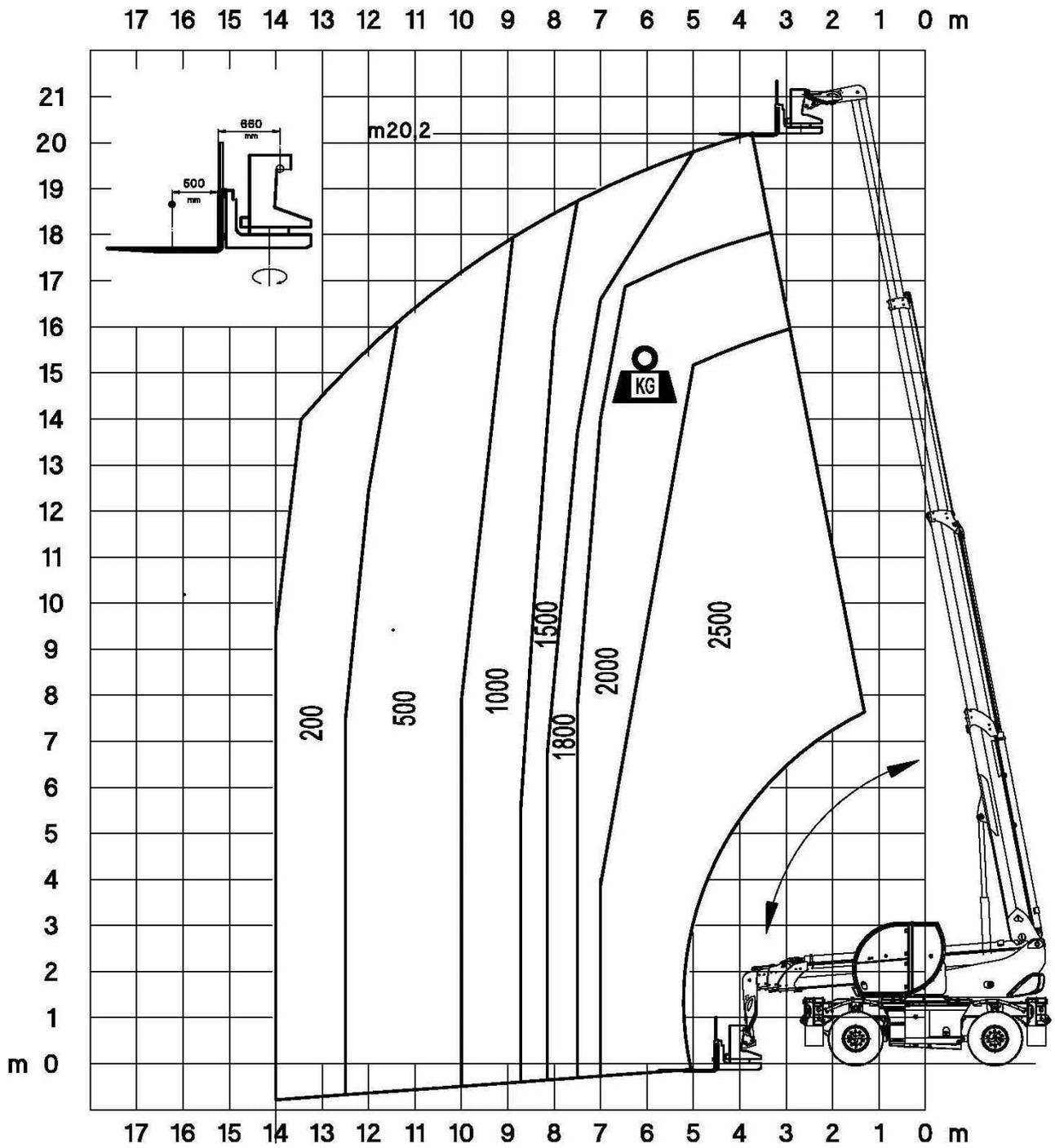
Vehicle	Configuration	Turret rotation
RTH 5.21 Smart RTH 5.21	Tyres	360°



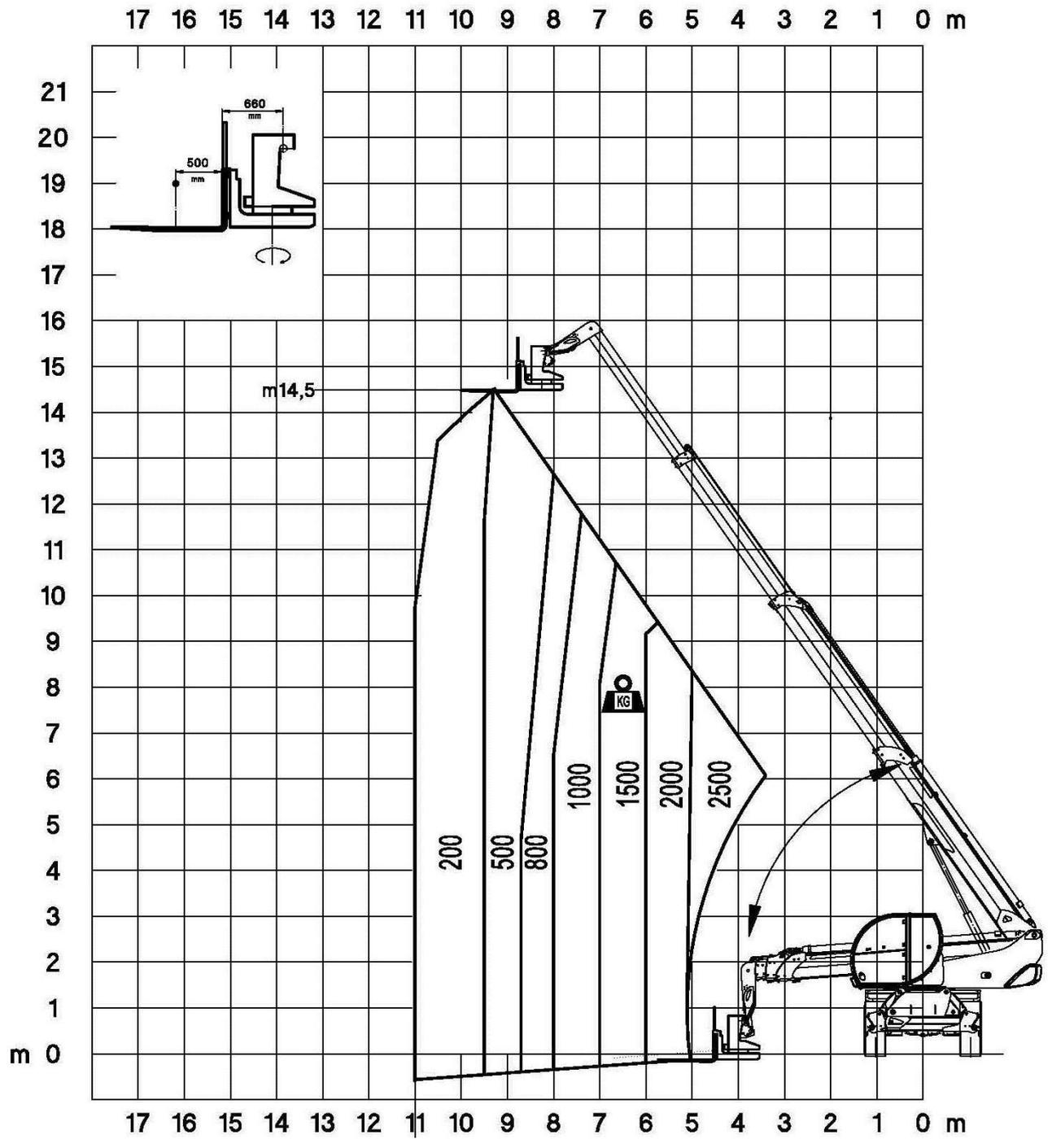
Vehicle	Configuration	Turret rotation
RTH 5.21 Smart RTH 5.21	Stabilised → Condition 3	360°



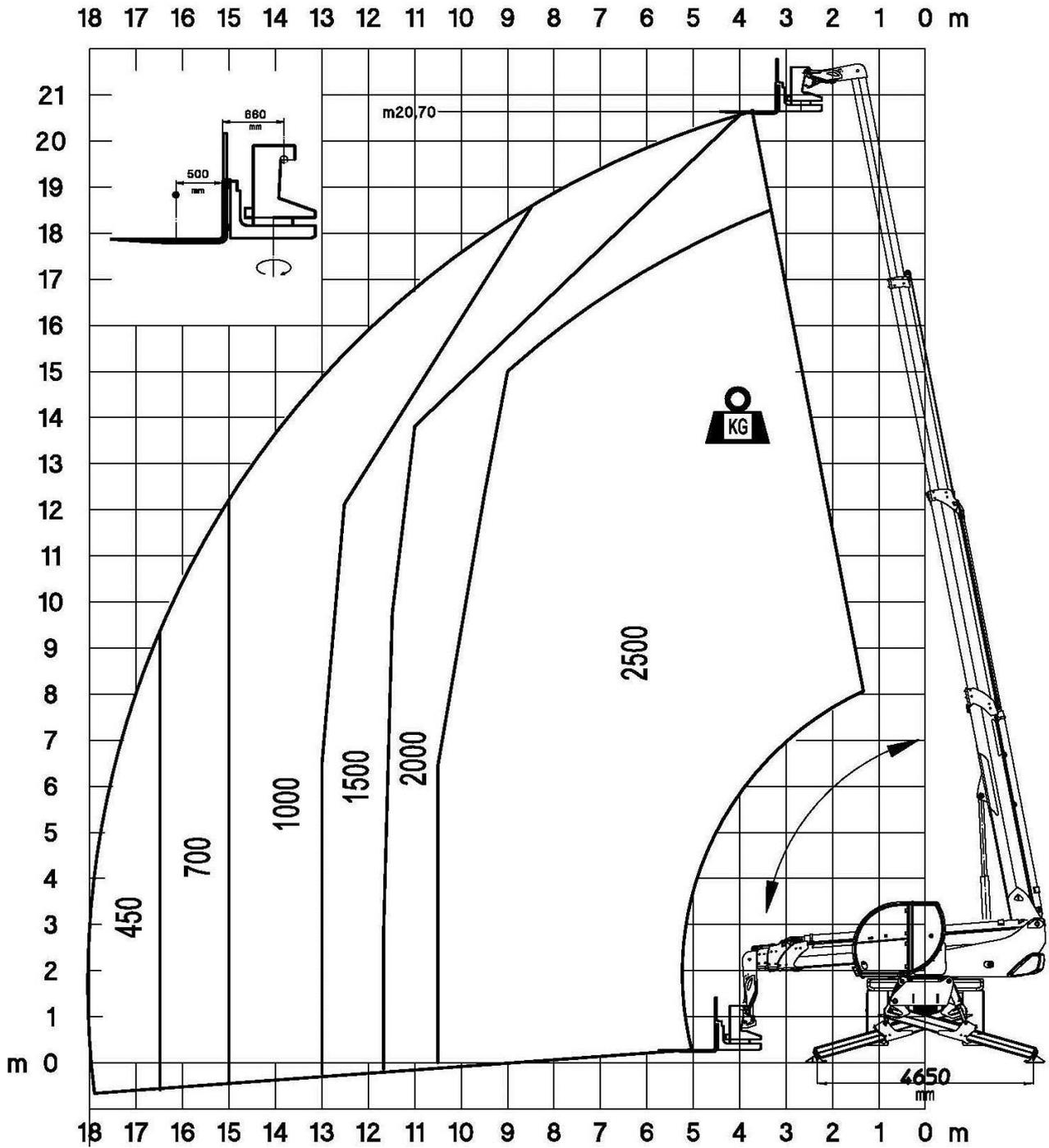
Vehicle	Configuration	Turret rotation
RTH 5.21 Smart S	Tyres	0°



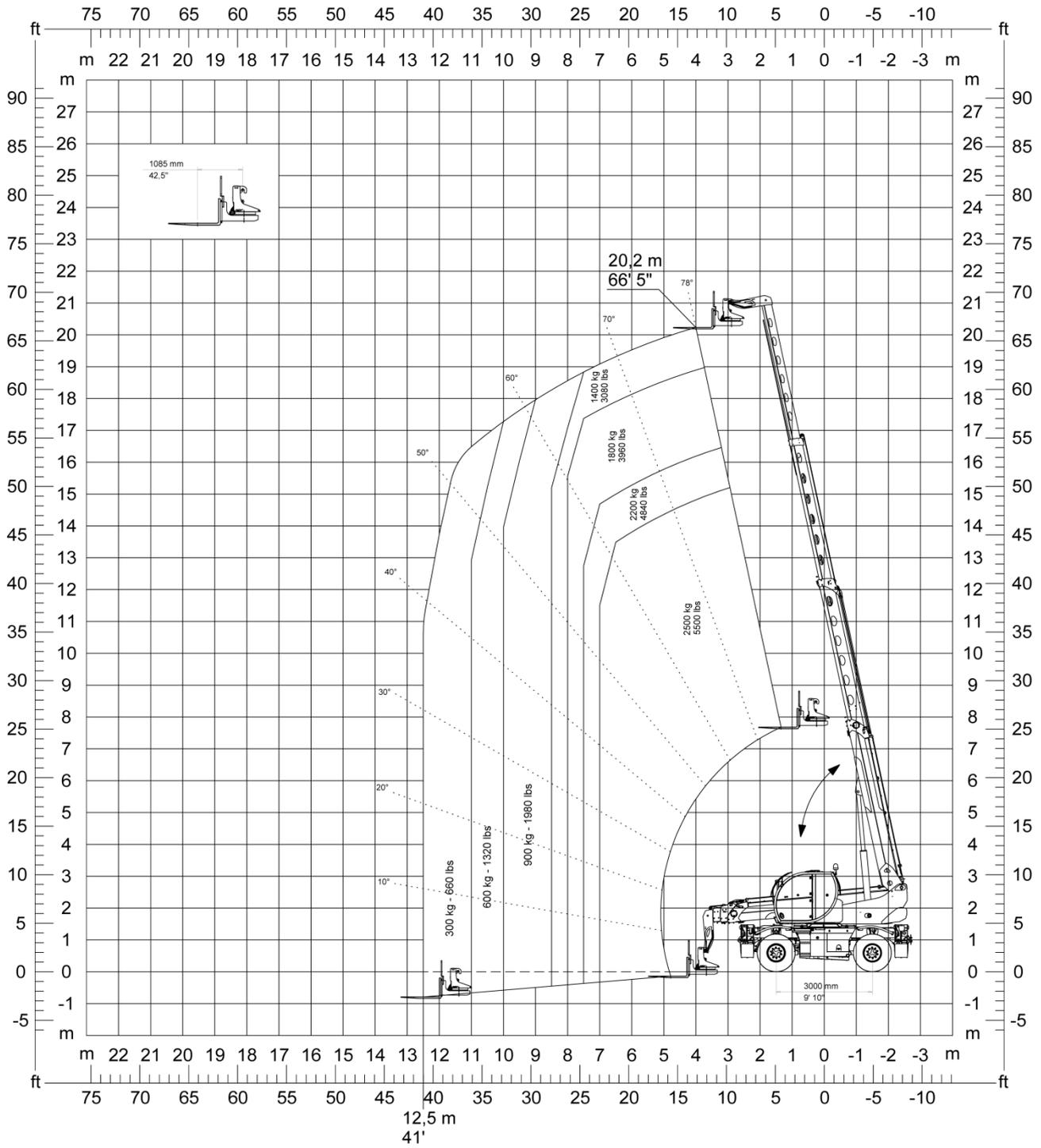
Vehicle	Configuration	Turret rotation
RTH 5.21 Smart S	Tyres	360°



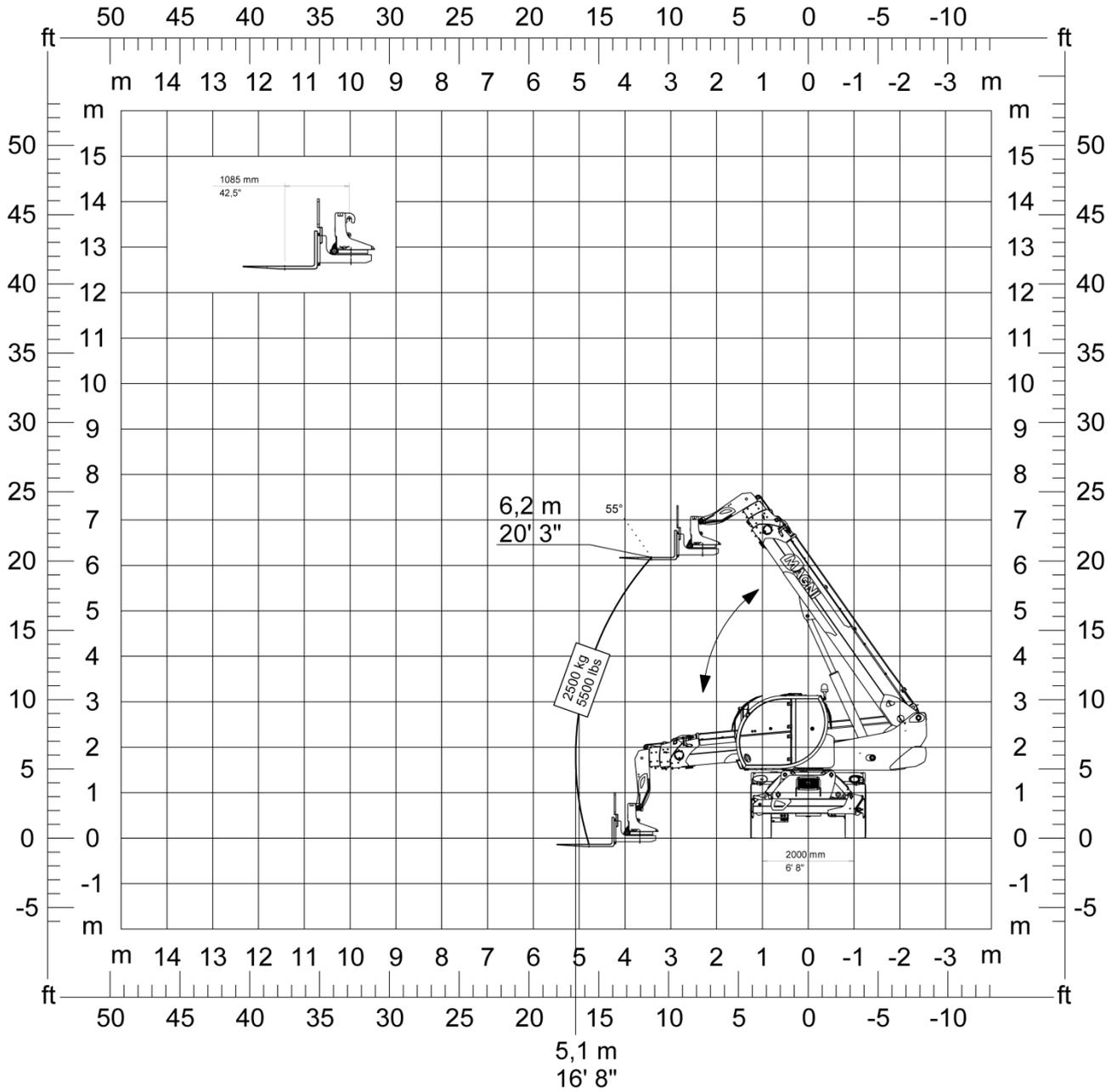
Vehicle	Configuration	Turret rotation
RTH 5.21 Smart S	Stabilised → Condition 3	360°



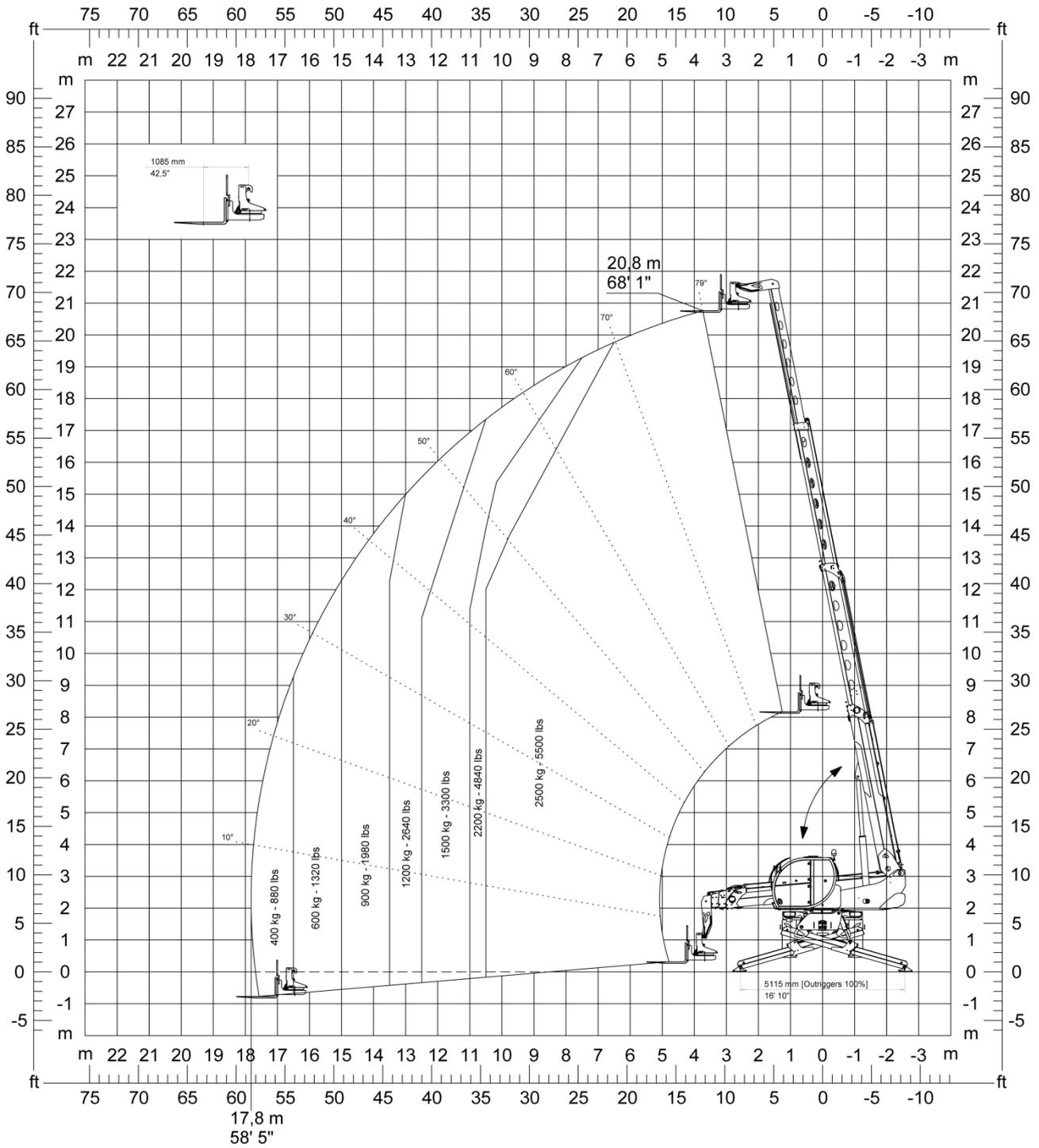
Vehicle	Configuration	Turret rotation
RTH 5.21 SH	Tyres	0°



Vehicle	Configuration	Turret rotation
RTH 5.21 SH	Tyres	360°

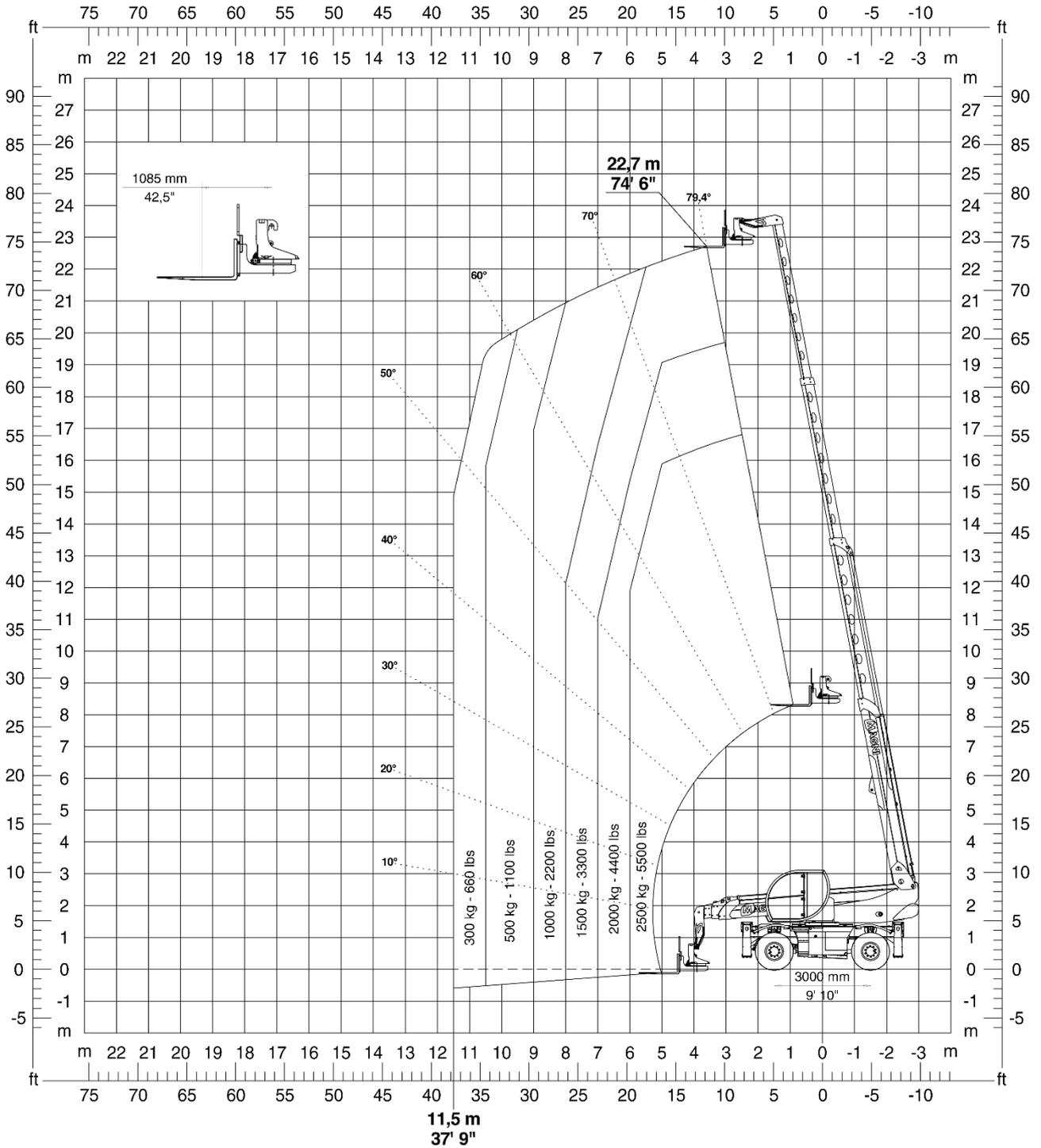


Vehicle	Configuration	Turret rotation
RTH 5.21 SH	Stabilised → Condition 3	360°

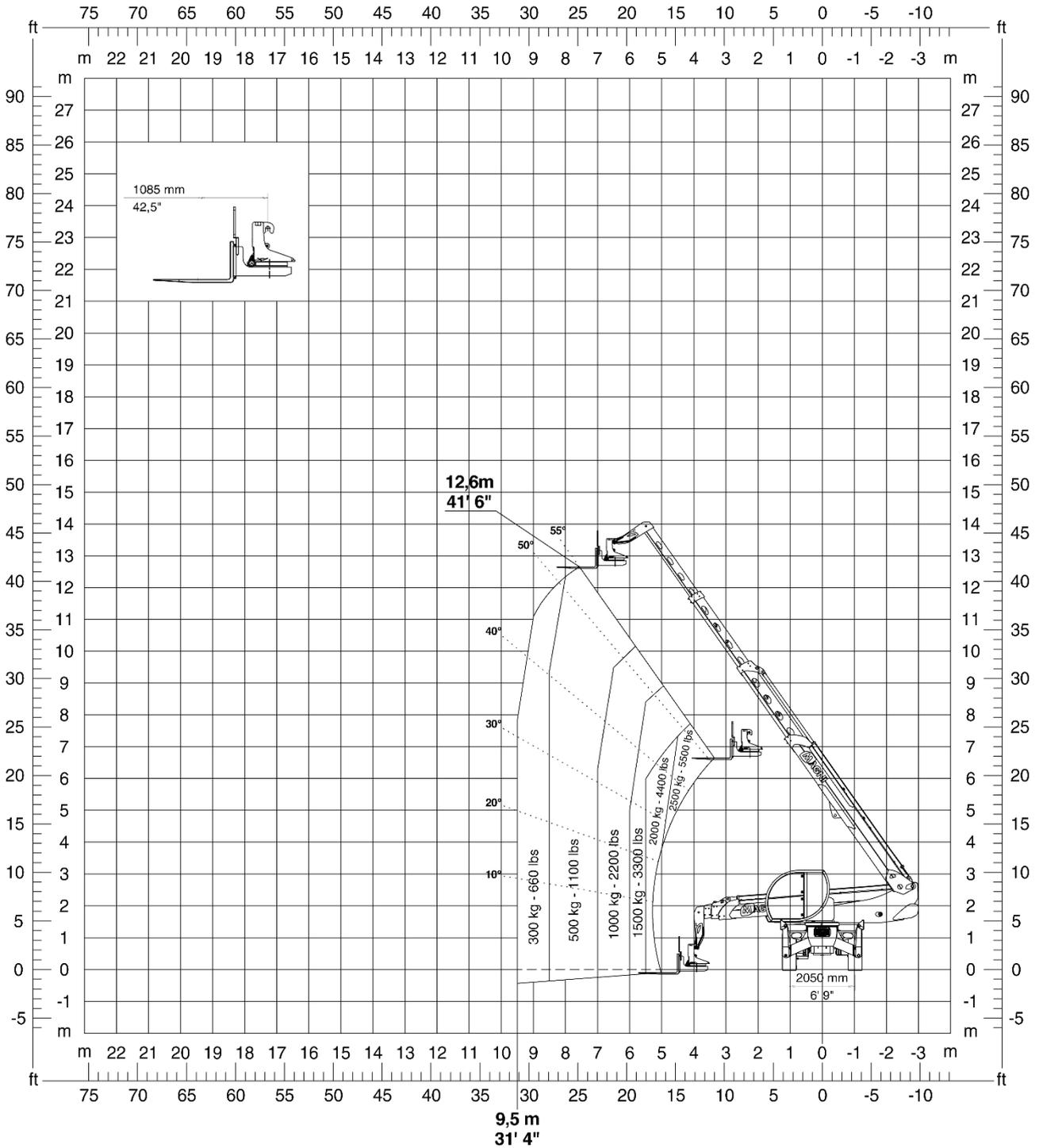




Vehicle	Configuration	Turret rotation
RTH 5.23 Smart	Tyres	0°

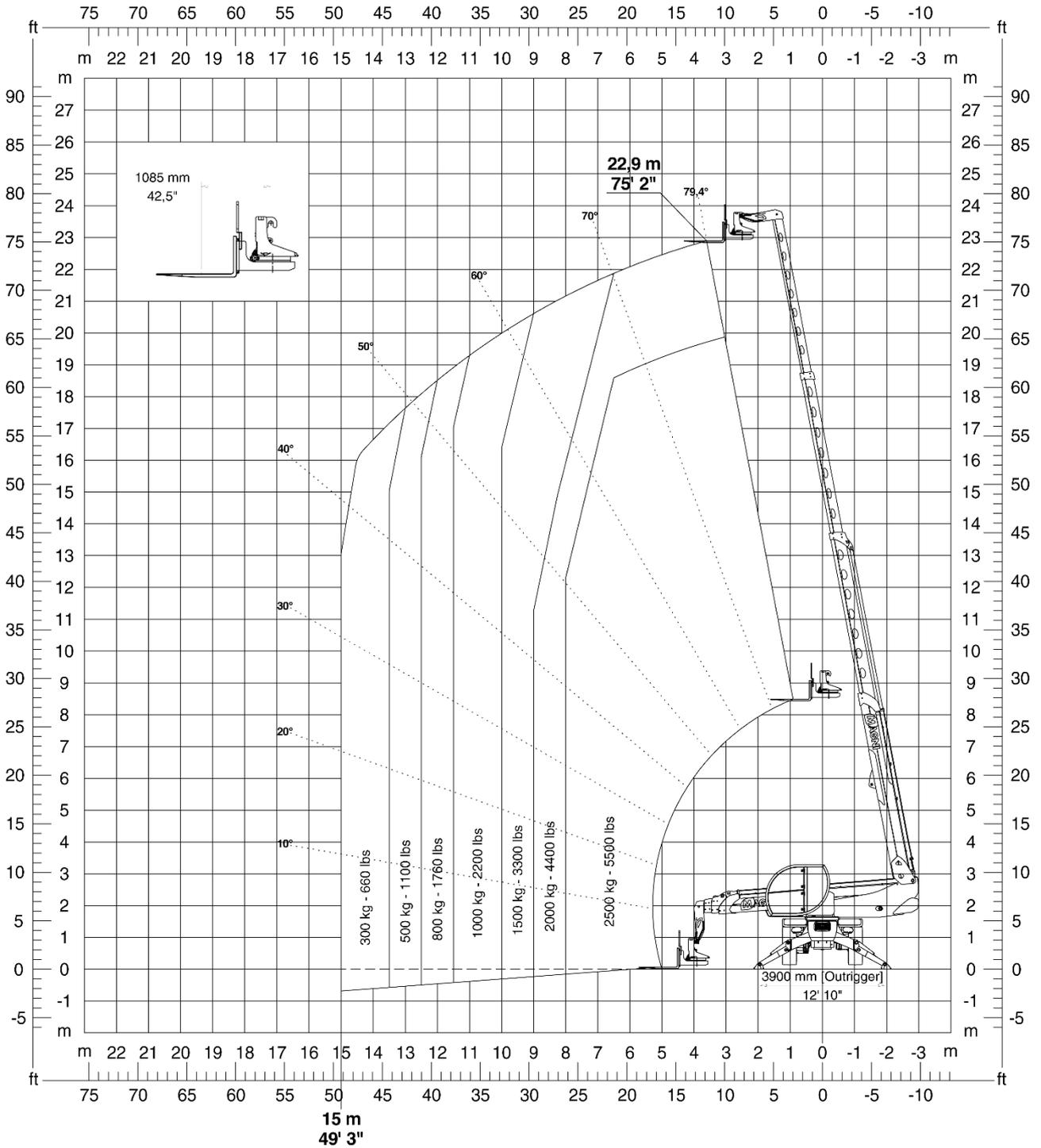


Vehicle	Configuration	Turret rotation
RTH 5.23 Smart	Tyres	360°

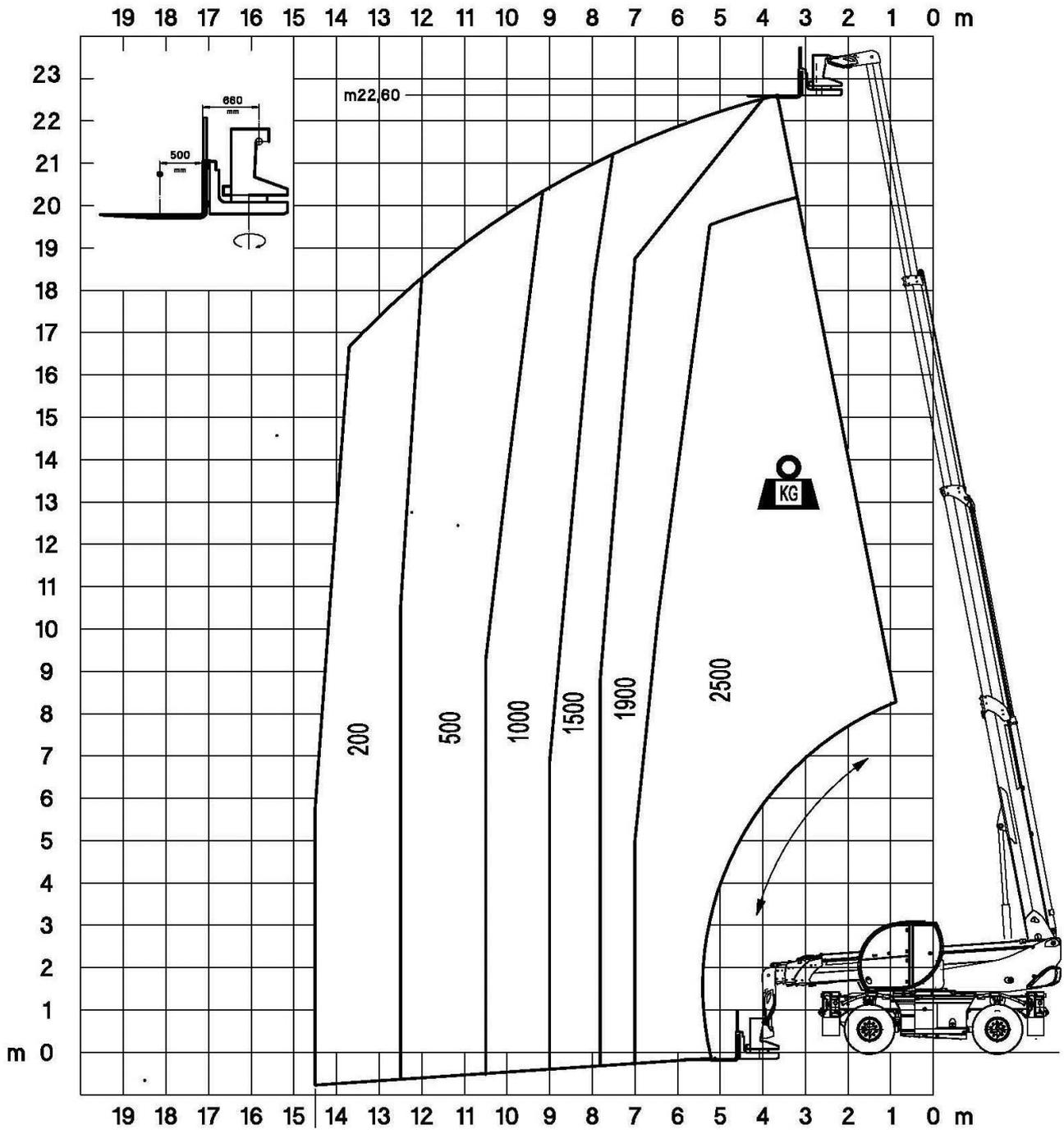




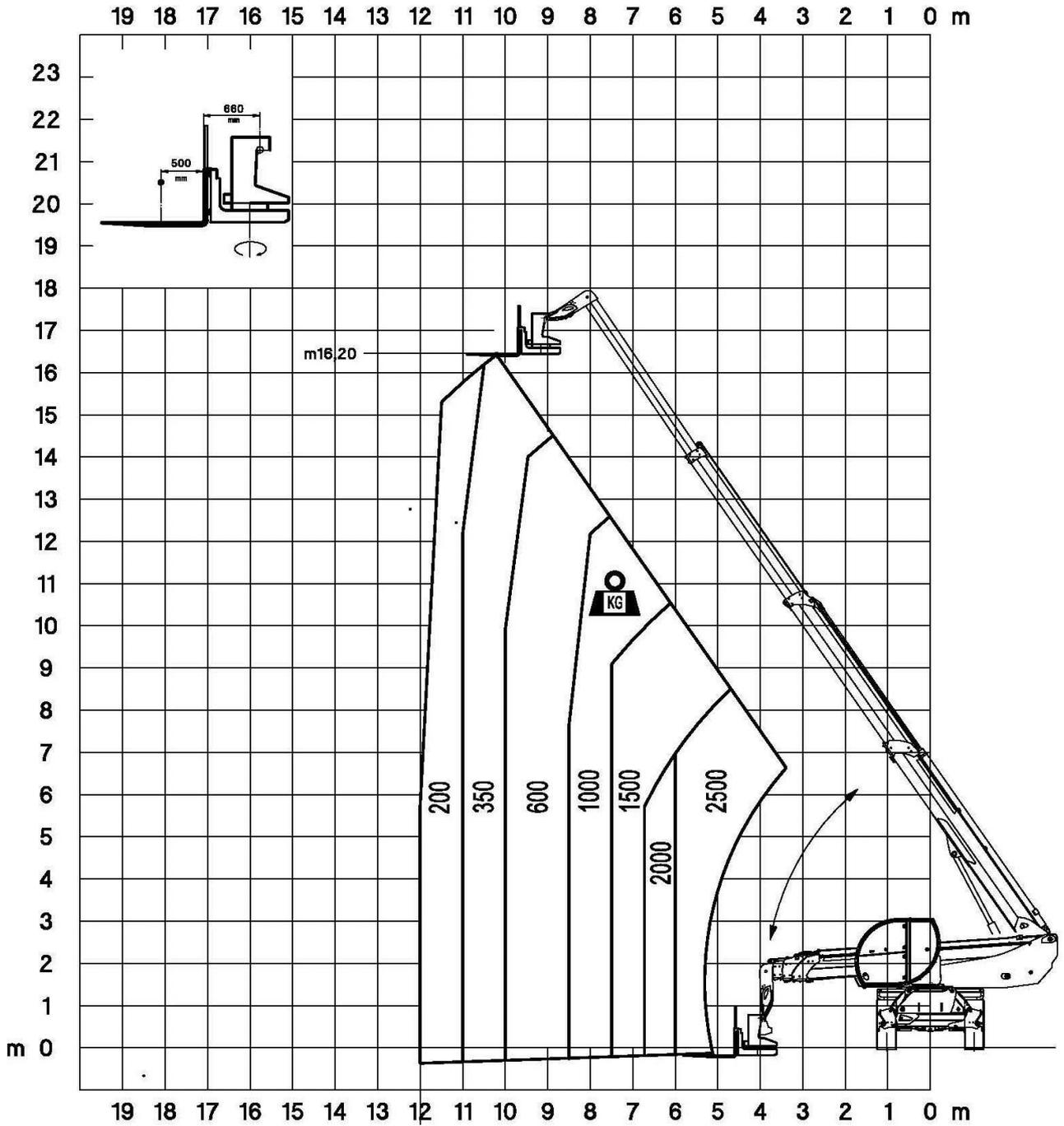
Vehicle	Configuration	Turret rotation
RTH 5.23 Smart	Stabilised → Condition 3	360°



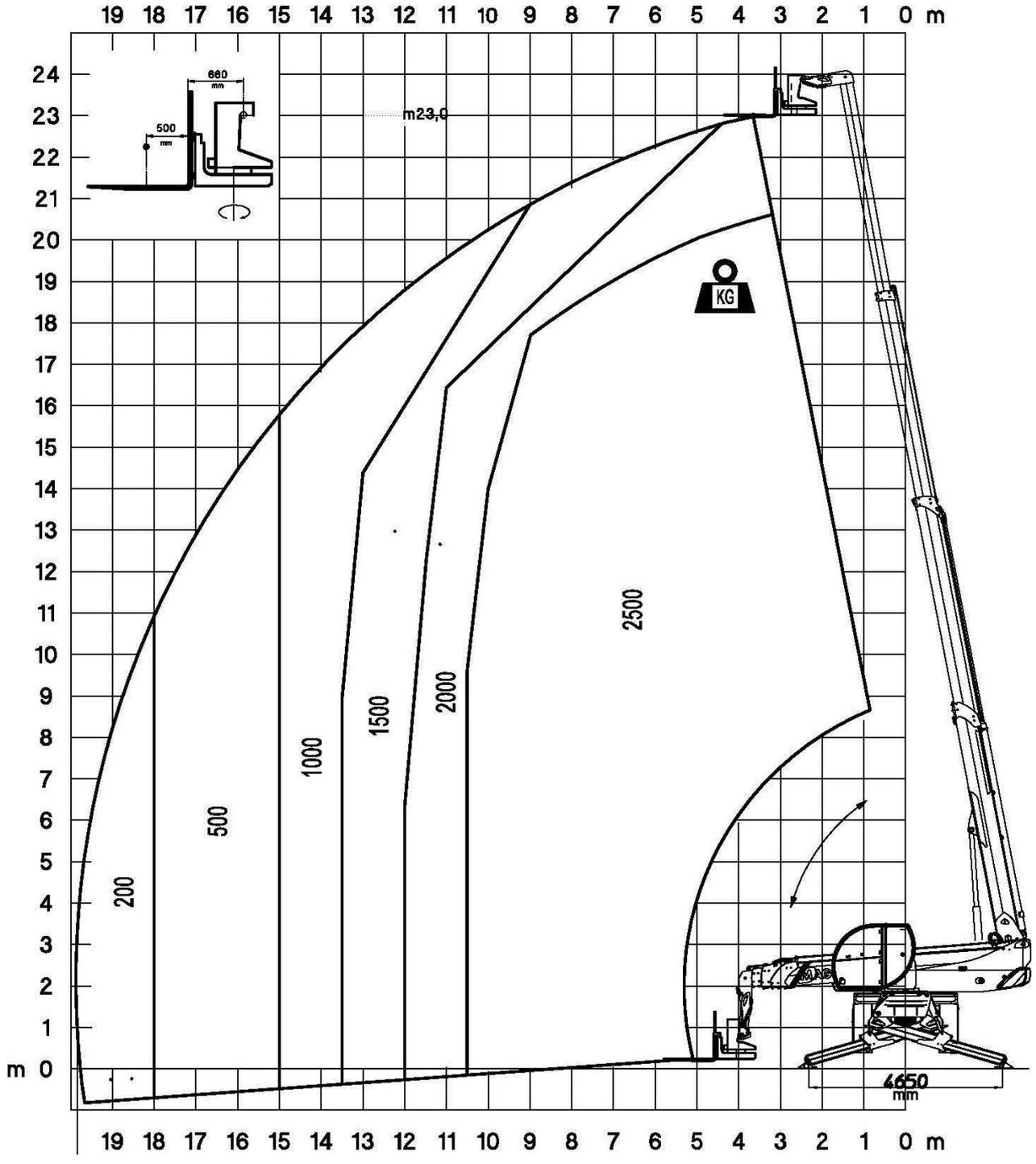
Vehicle	Configuration	Turret rotation
RTH 5.23 Smart S	Tyres	0°



Vehicle	Configuration	Turret rotation
RTH 5.23 Smart S	Tyres	360°

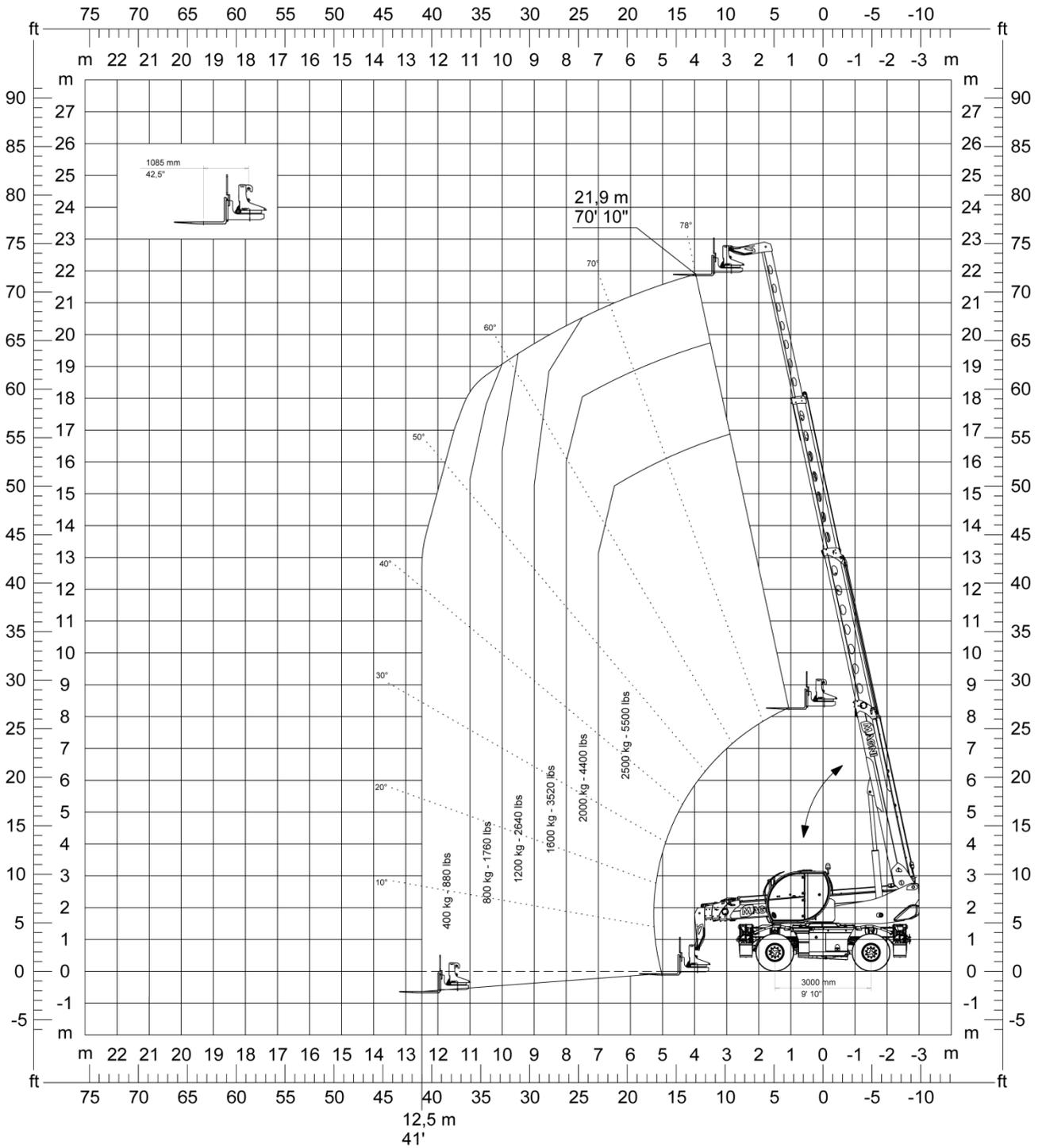


Vehicle	Configuration	Turret rotation
RTH 5.23 Smart S	Stabilised → Condition 3	360°

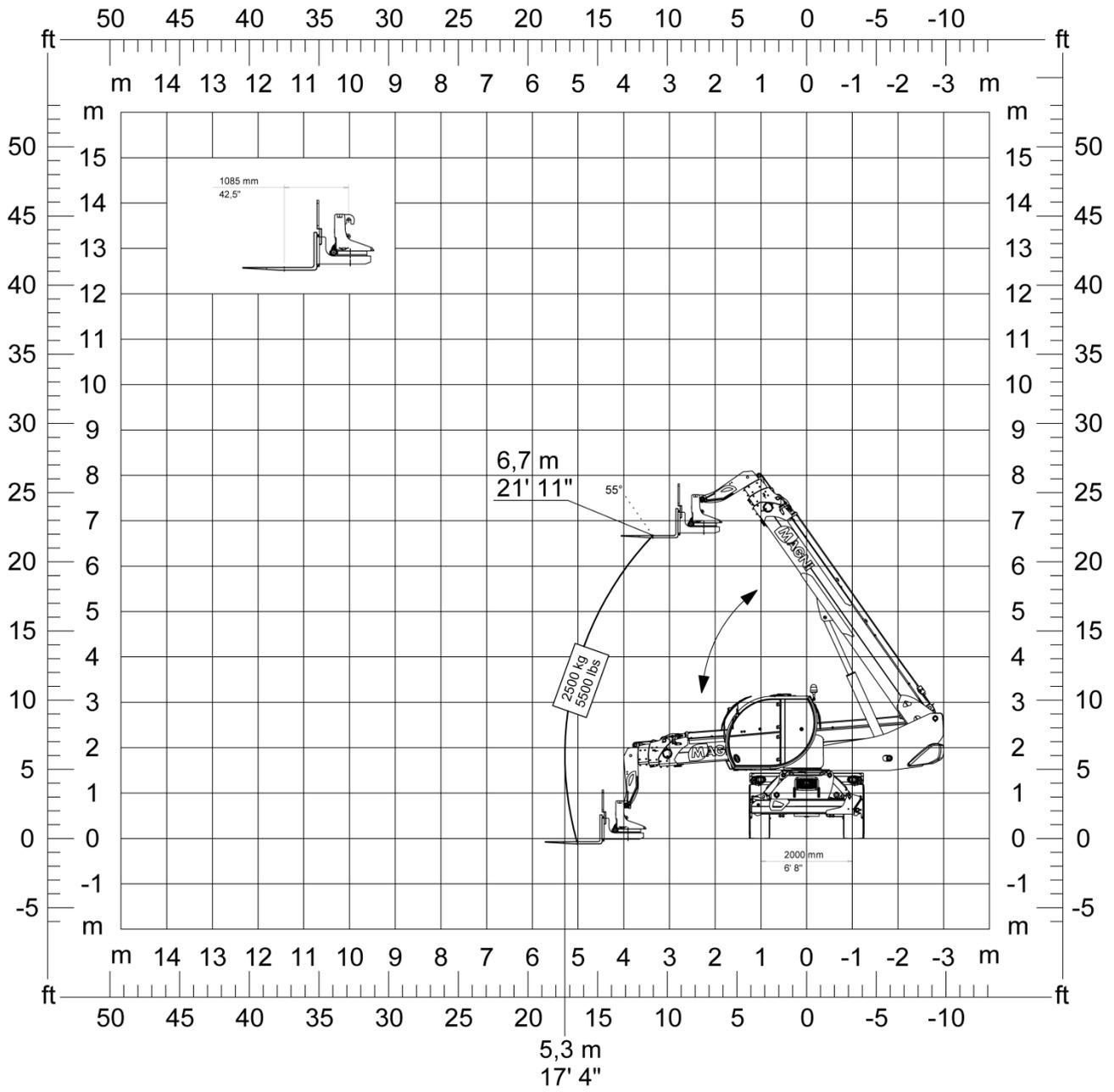




Vehicle	Configuration	Turret rotation
RTH 5.23 SH	Tyres	0°

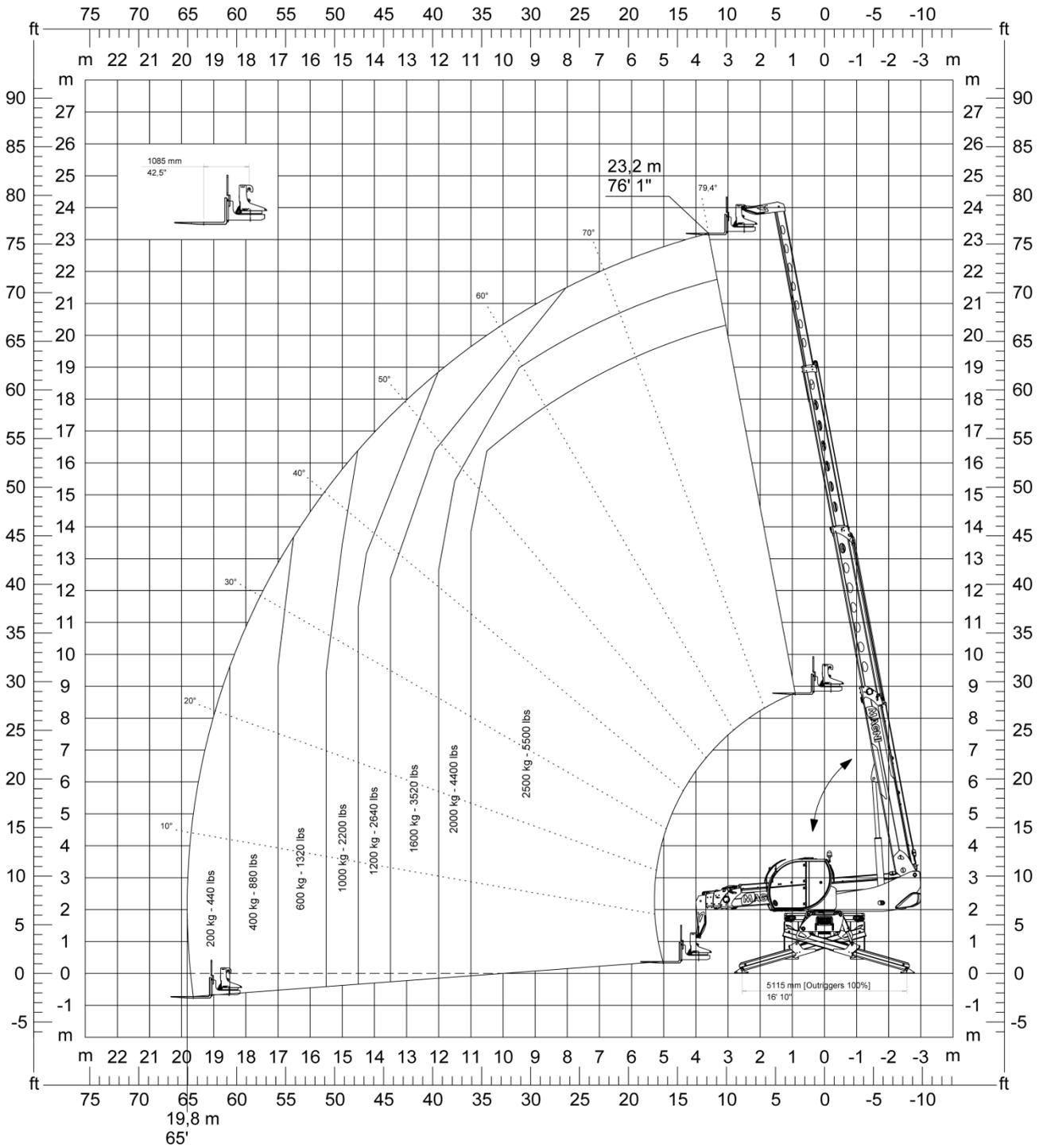


Vehicle	Configuration	Turret rotation
RTH 5.23 SH	Tyres	360°

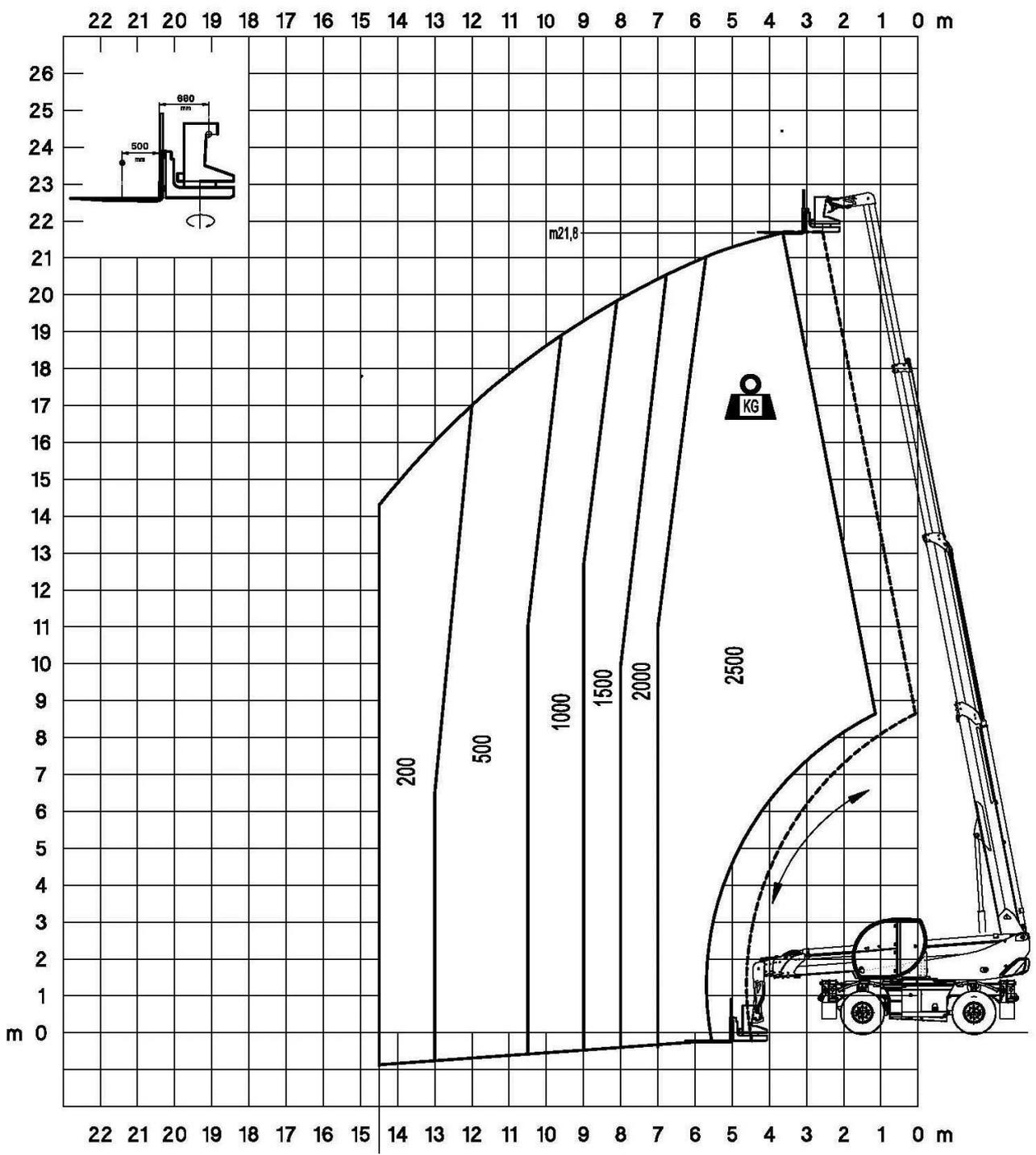




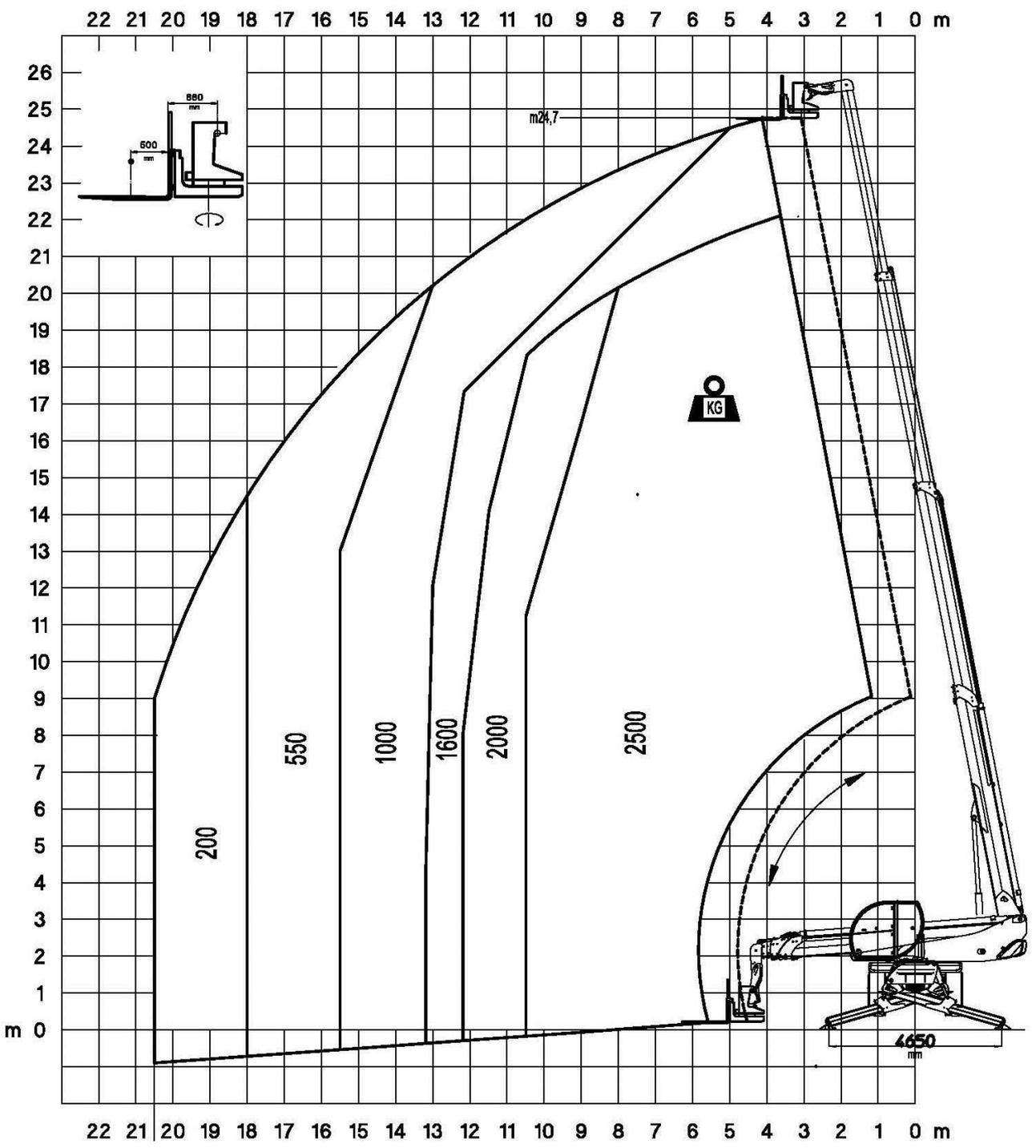
Vehicle	Configuration	Turret rotation
RTH 5.23 SH	Stabilised → Condition 3	360°



Vehicle	Configuration	Turret rotation
RTH 5.25 Smart S	Tyres	0°

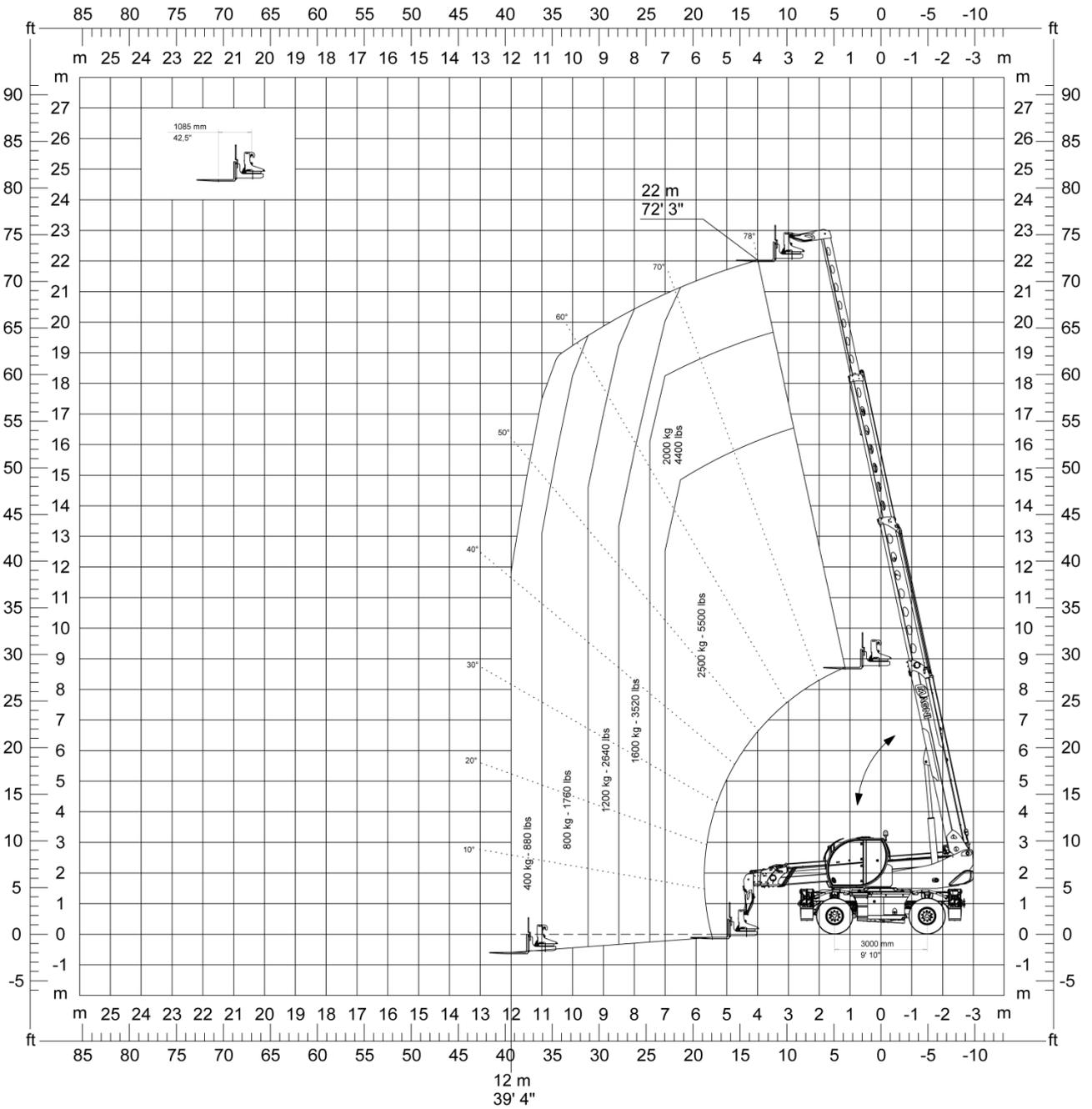


Vehicle	Configuration	Turret rotation
RTH 5.25 Smart S	Stabilised → Condition 3	360°

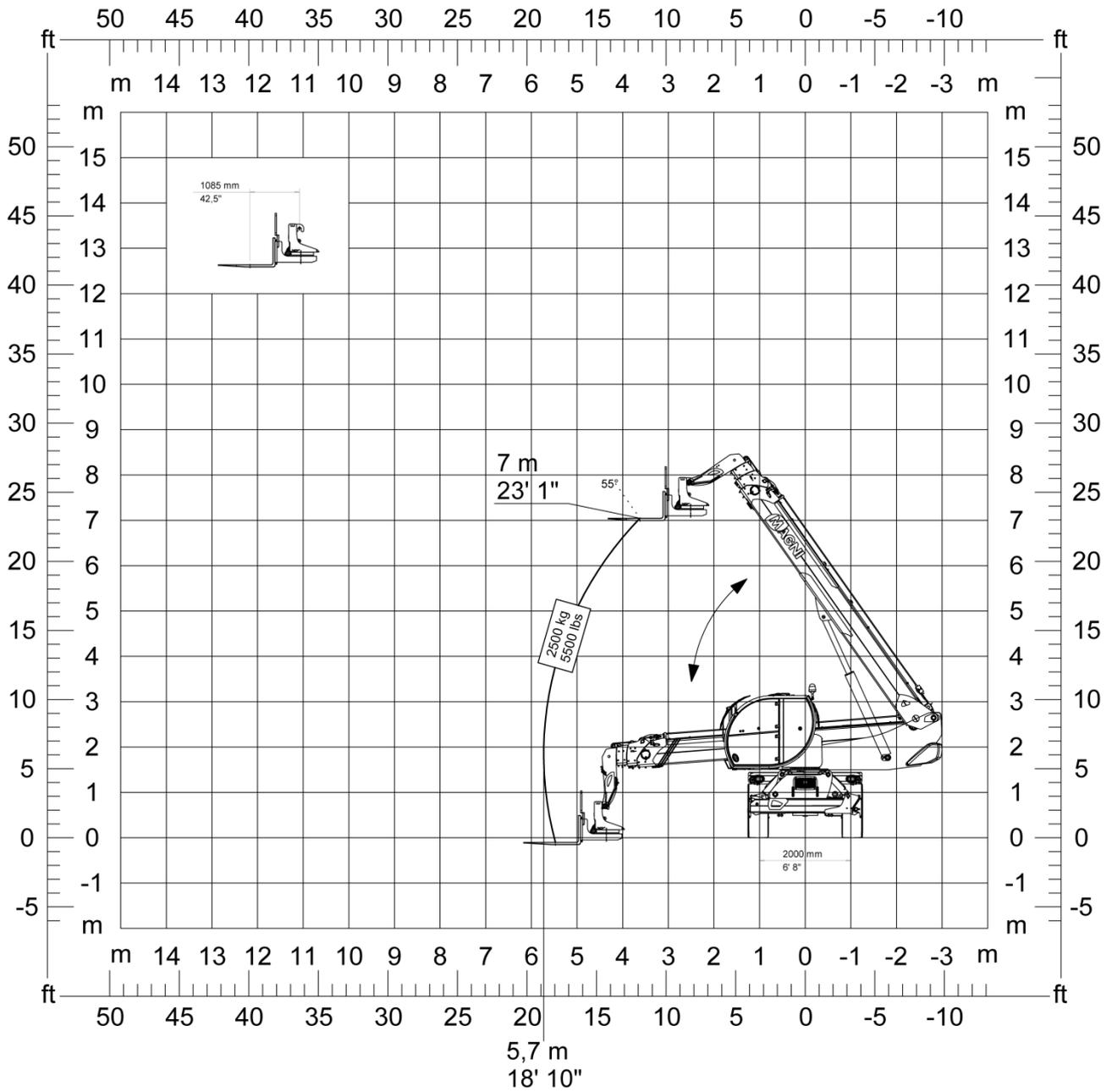




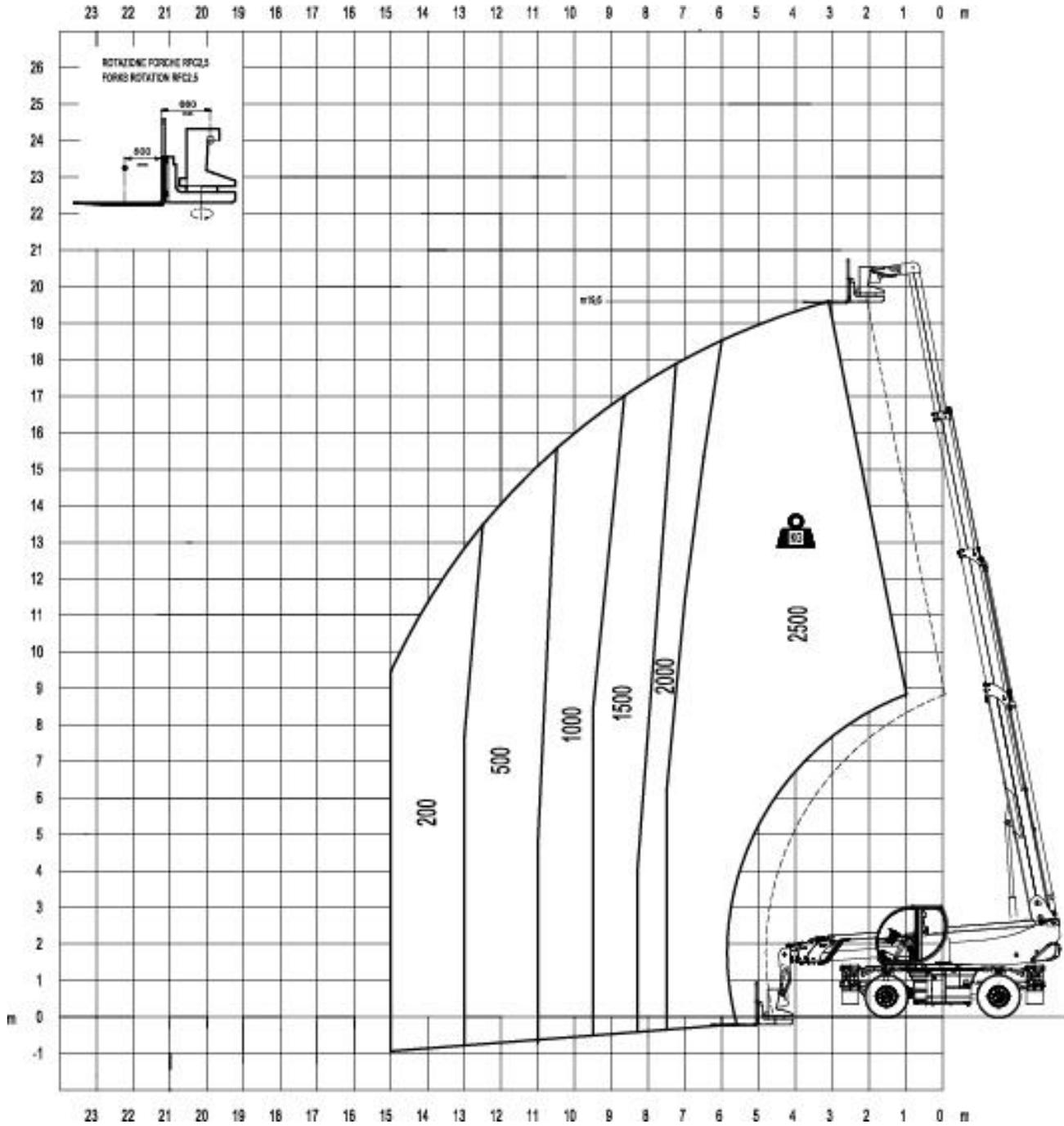
Vehicle	Configuration	Turret rotation
RTH 5.25 SH	Tyres	0°



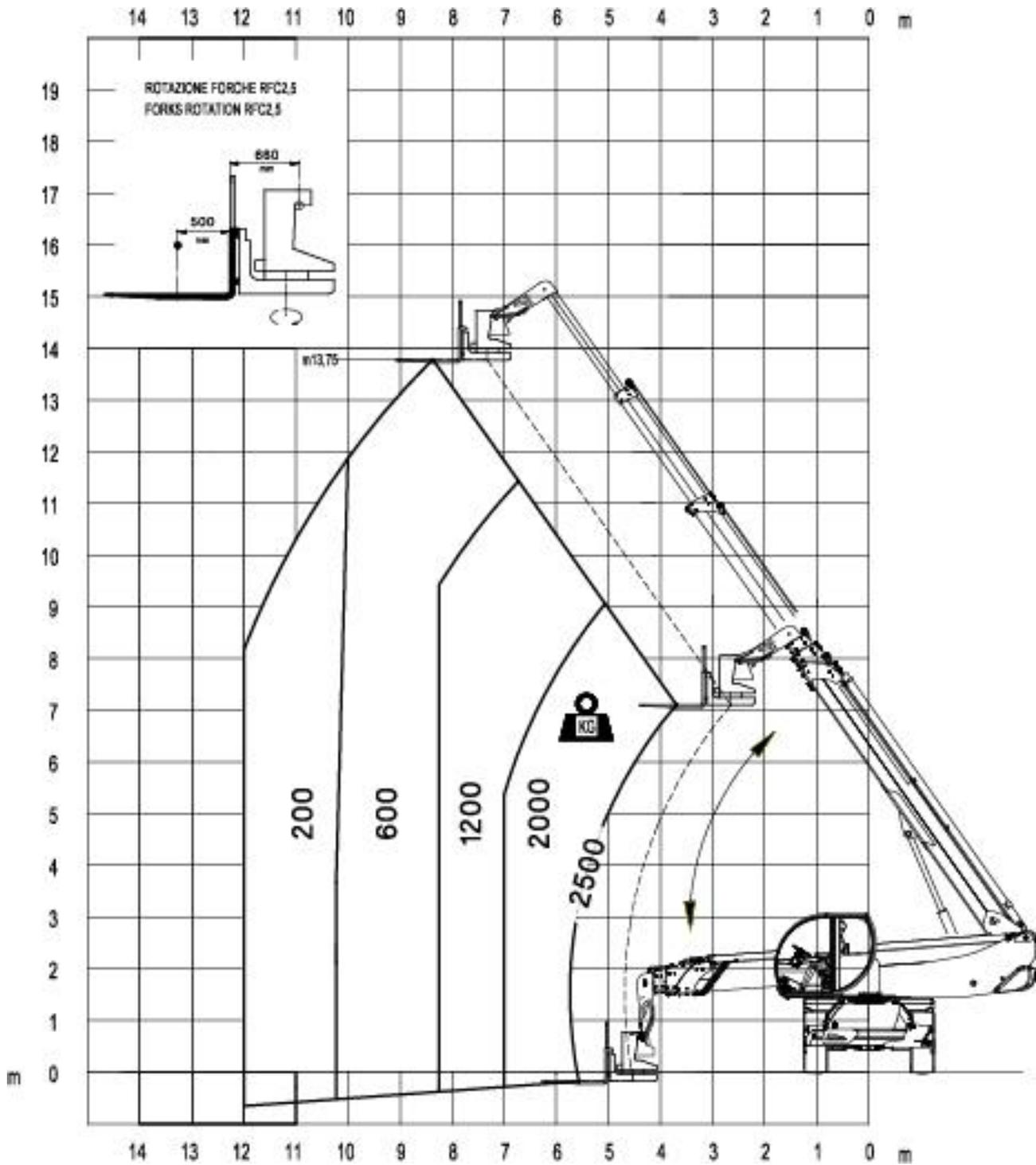
Vehicle	Configuration	Turret rotation
RTH 5.25 SH	Tyres	360°



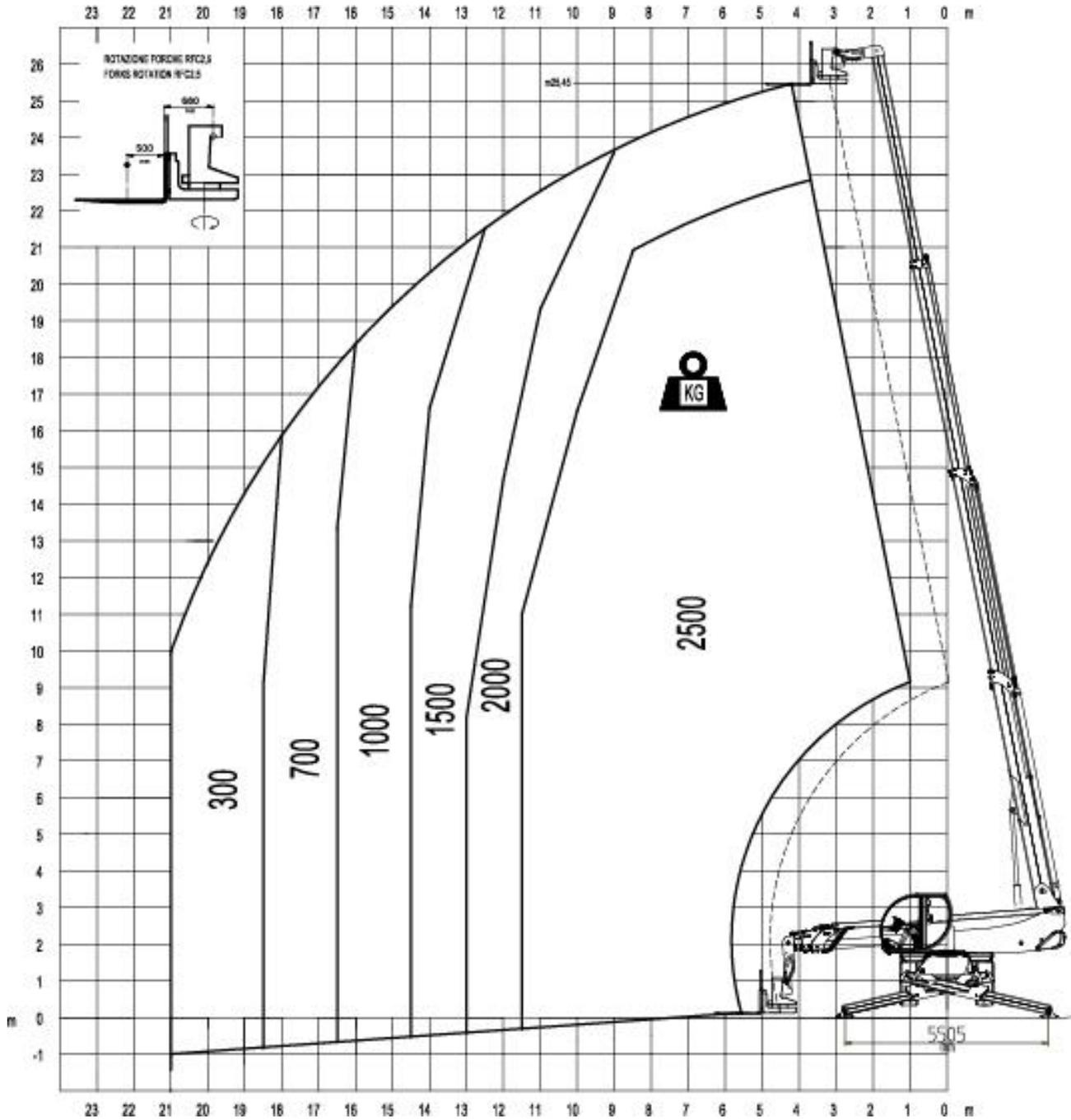
Vehicle	Configuration	Turret rotation
RTH 5.26 S	Tyres	0°



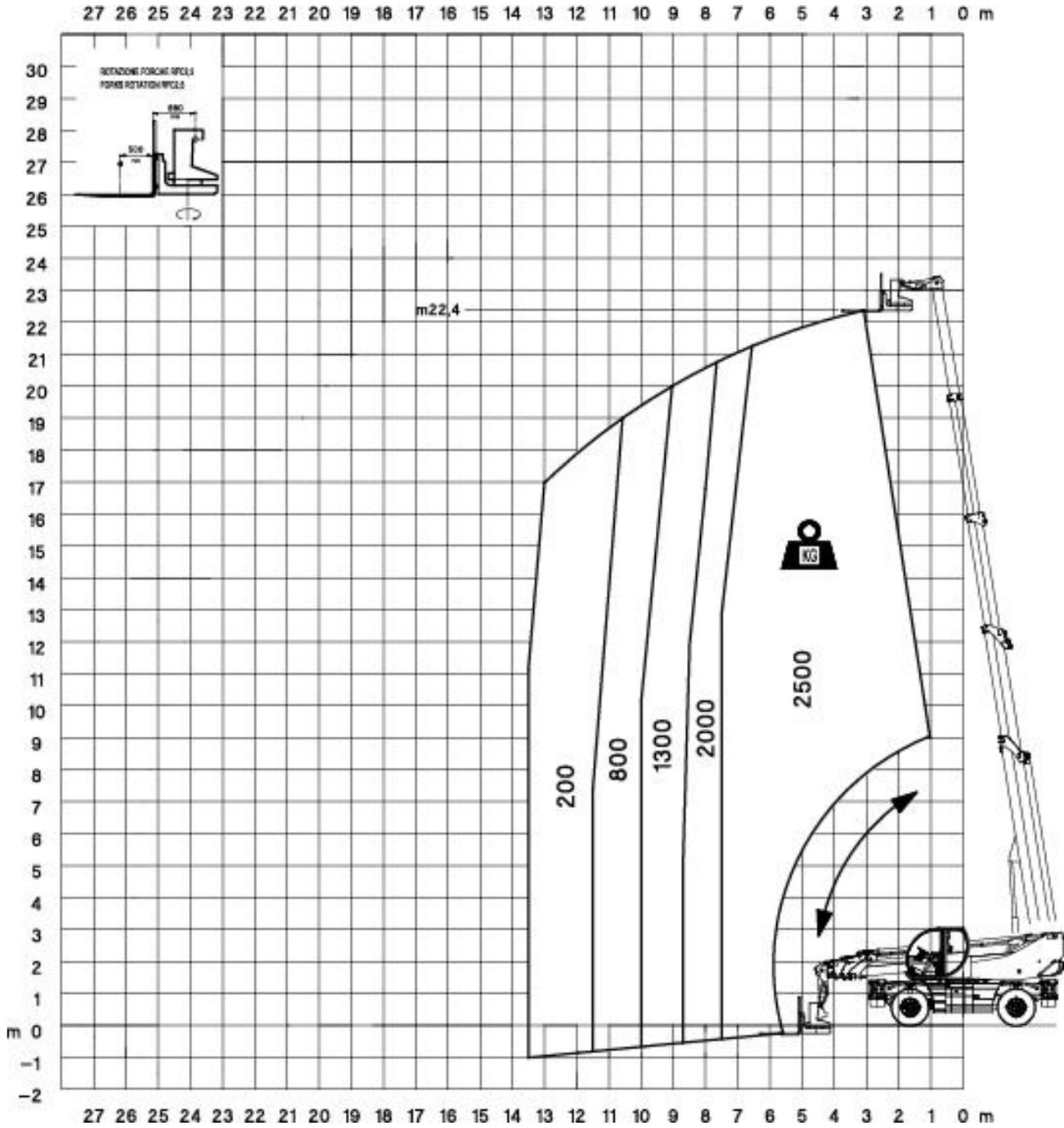
Vehicle	Configuration	Turret rotation
RTH 5.26 S	Tyres	360°



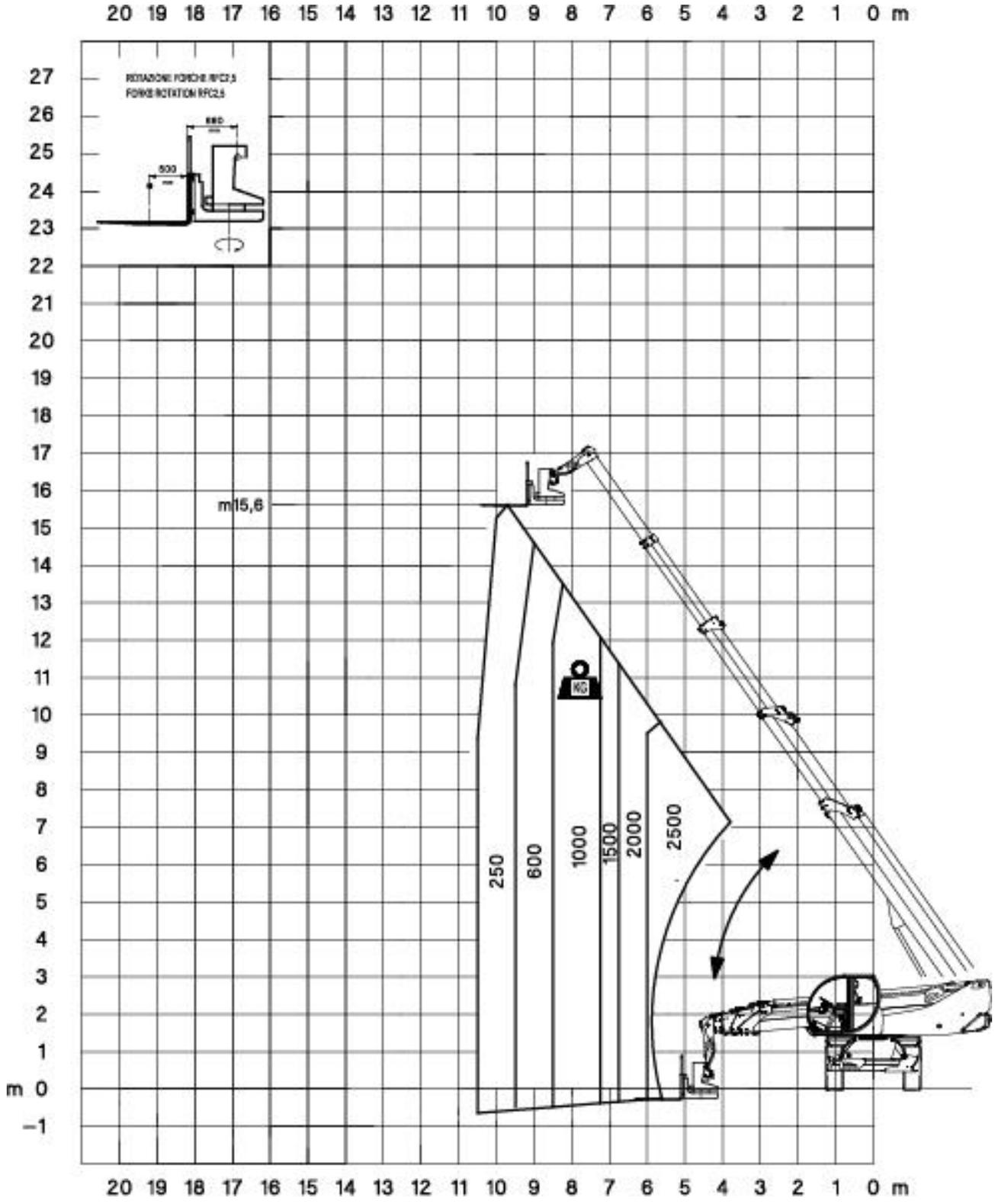
Vehicle	Configuration	Turret rotation
RTH 5.26 S	Stabilised → Condition 3	360°



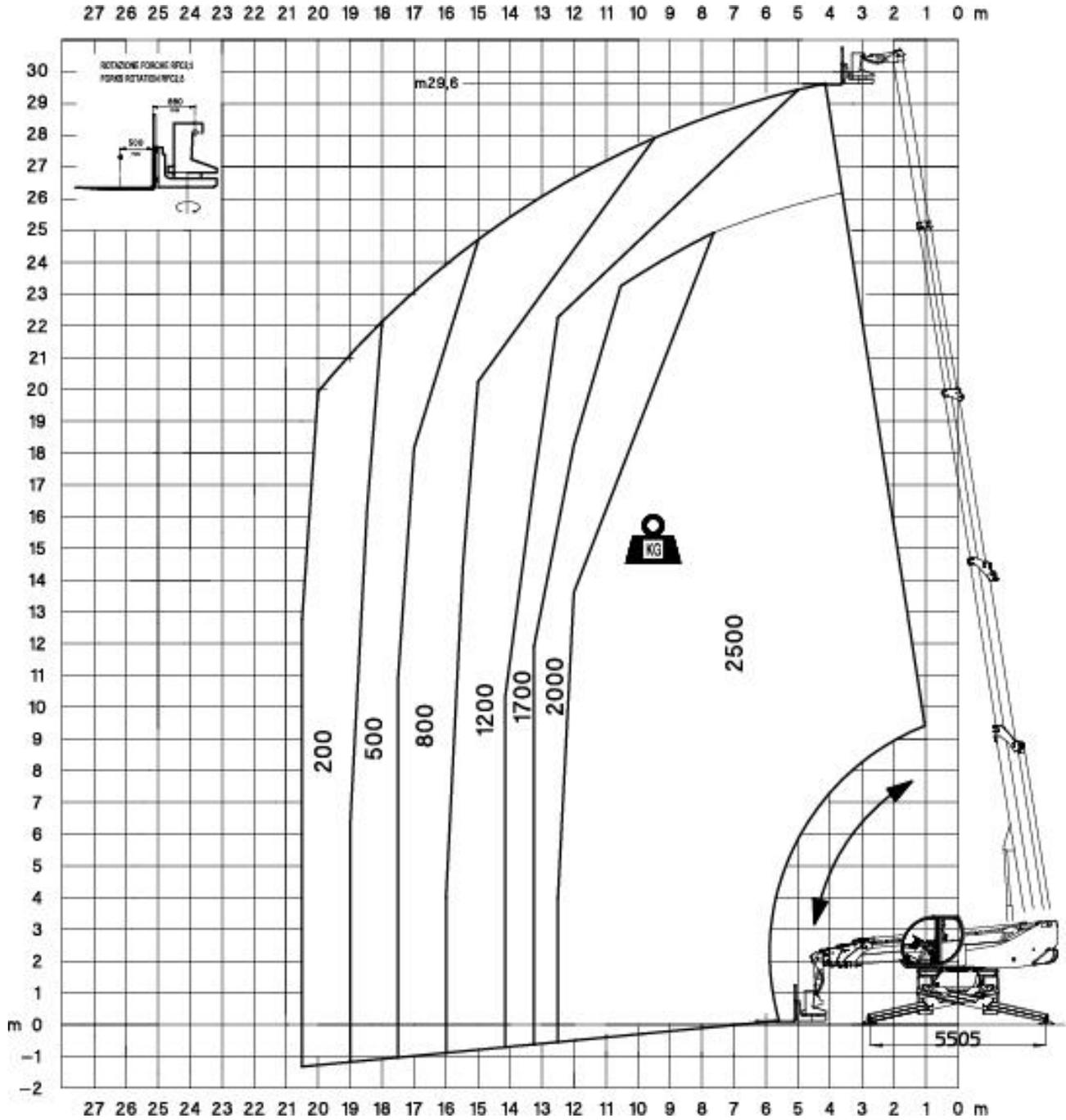
Vehicle	Configuration	Turret rotation
RTH 5.30 S	Tyres	0°



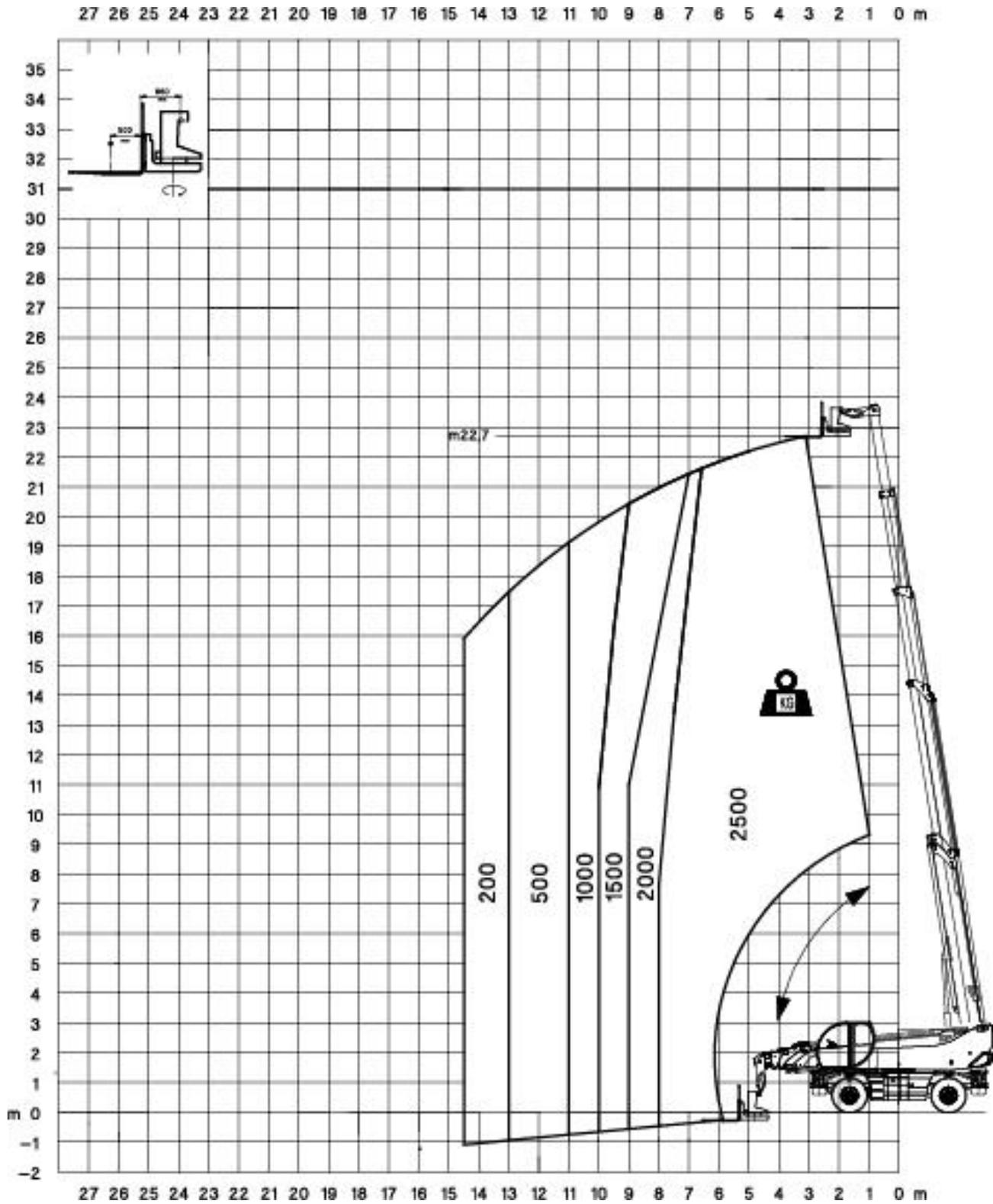
Vehicle	Configuration	Turret rotation
RTH 5.30 S	Tyres	360°



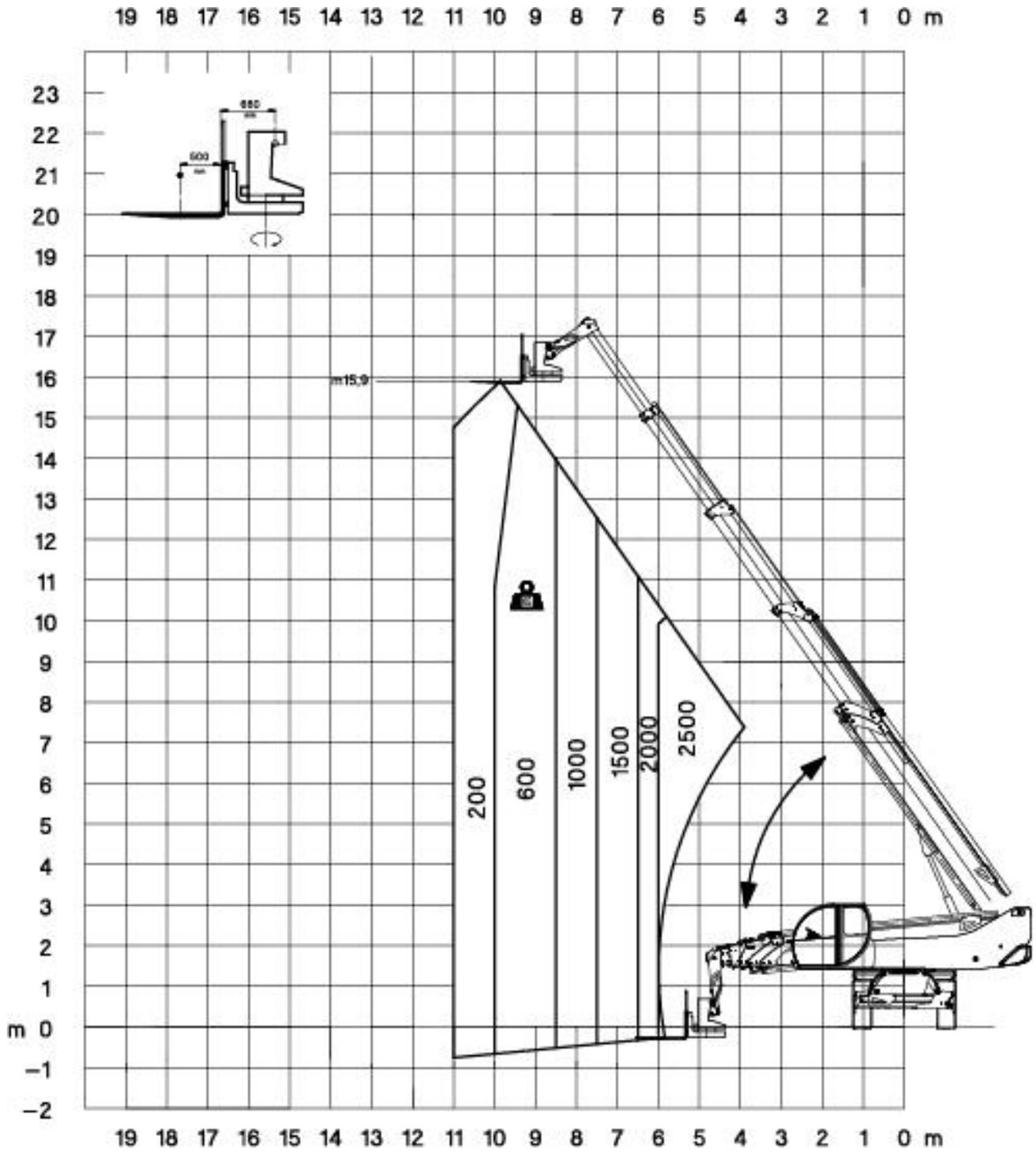
Vehicle	Configuration	Turret rotation
RTH 5.30 S	Stabilised → Condition 3	360°



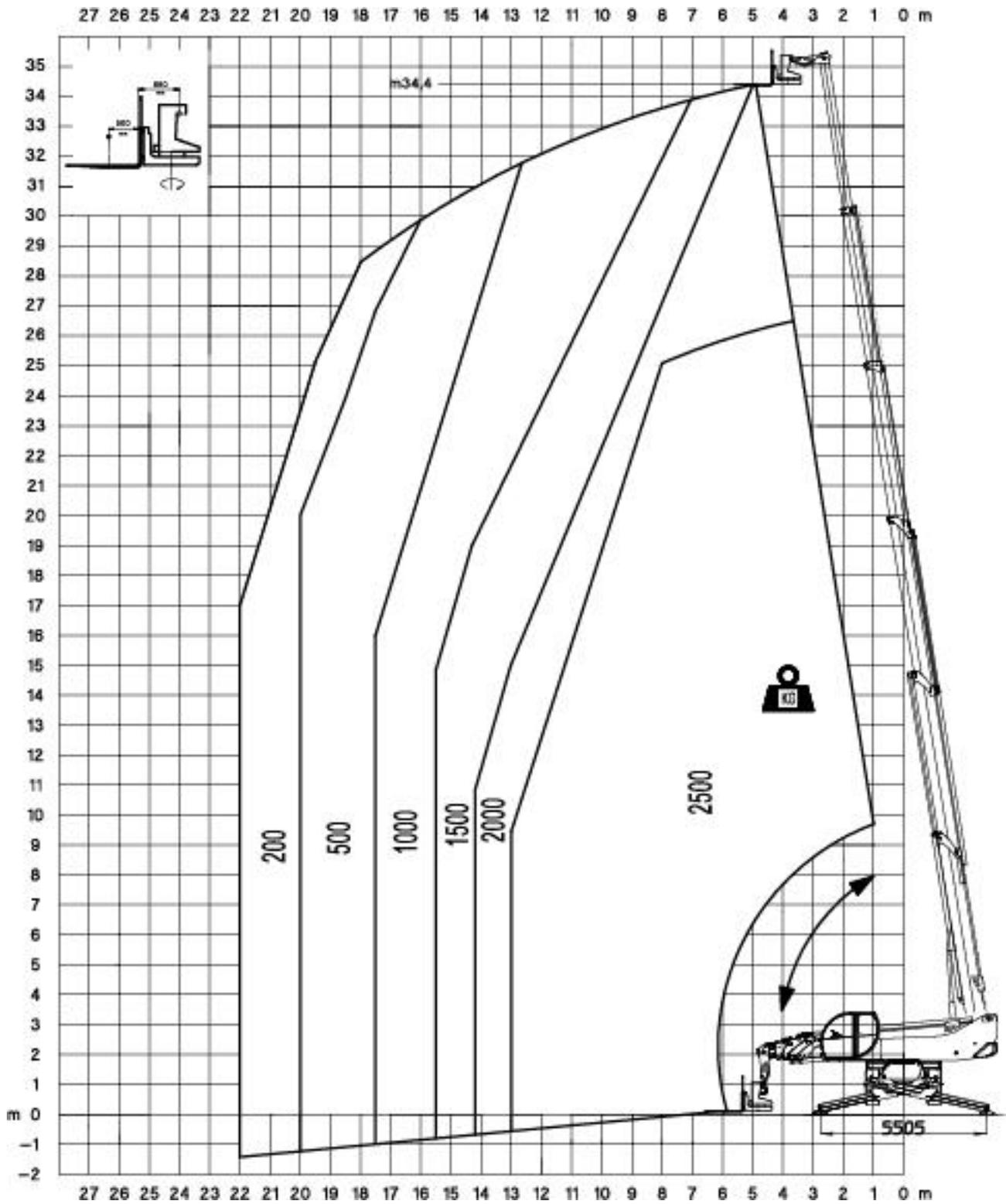
Vehicle	Configuration	Turret rotation
RTH 5.35 S	Tyres	0°



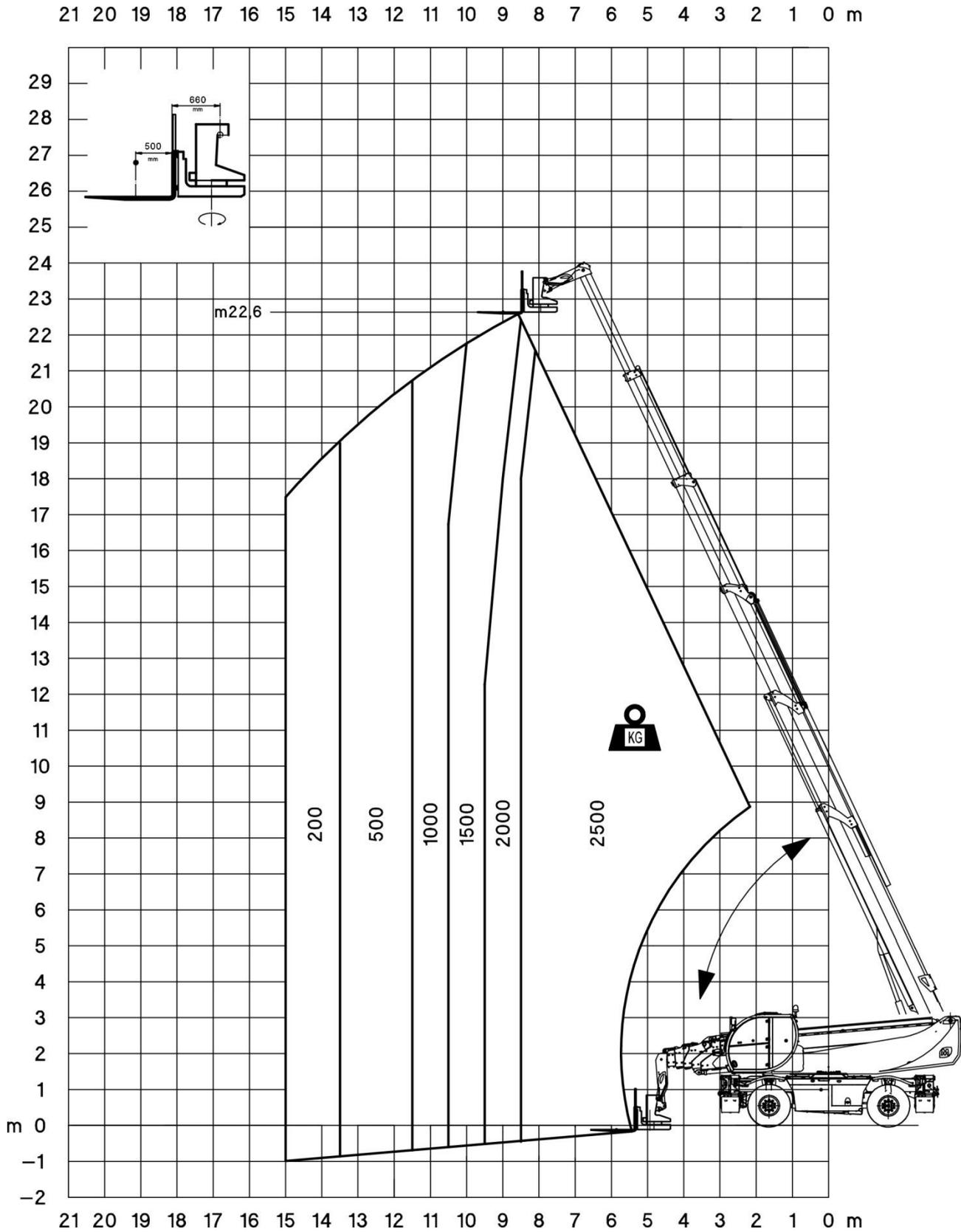
Vehicle	Configuration	Turret rotation
RTH 5.35 S	Tyres	360°



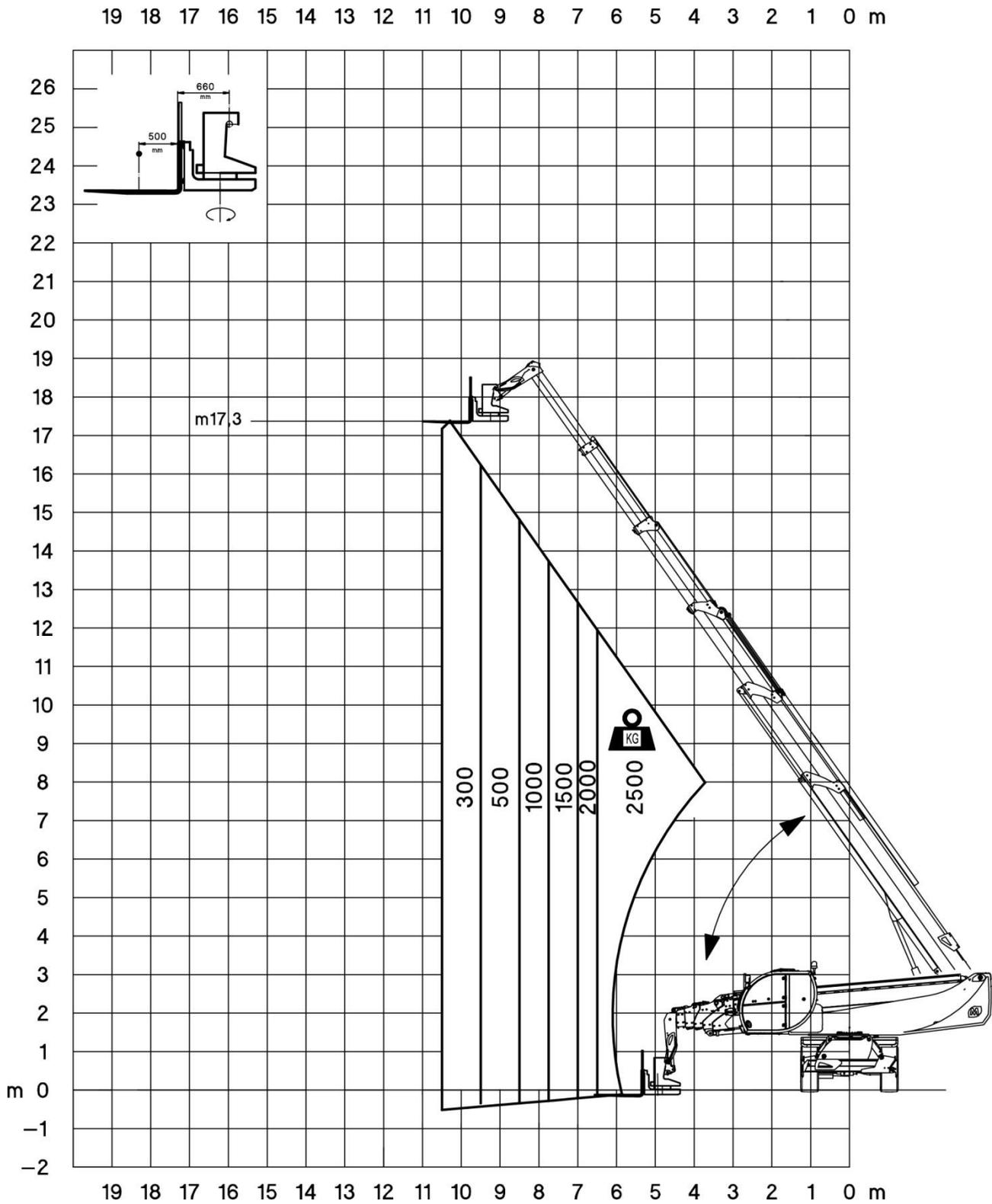
Vehicle	Configuration	Turret rotation
RTH 5.35 S	Stabilised → Condition 3	360°



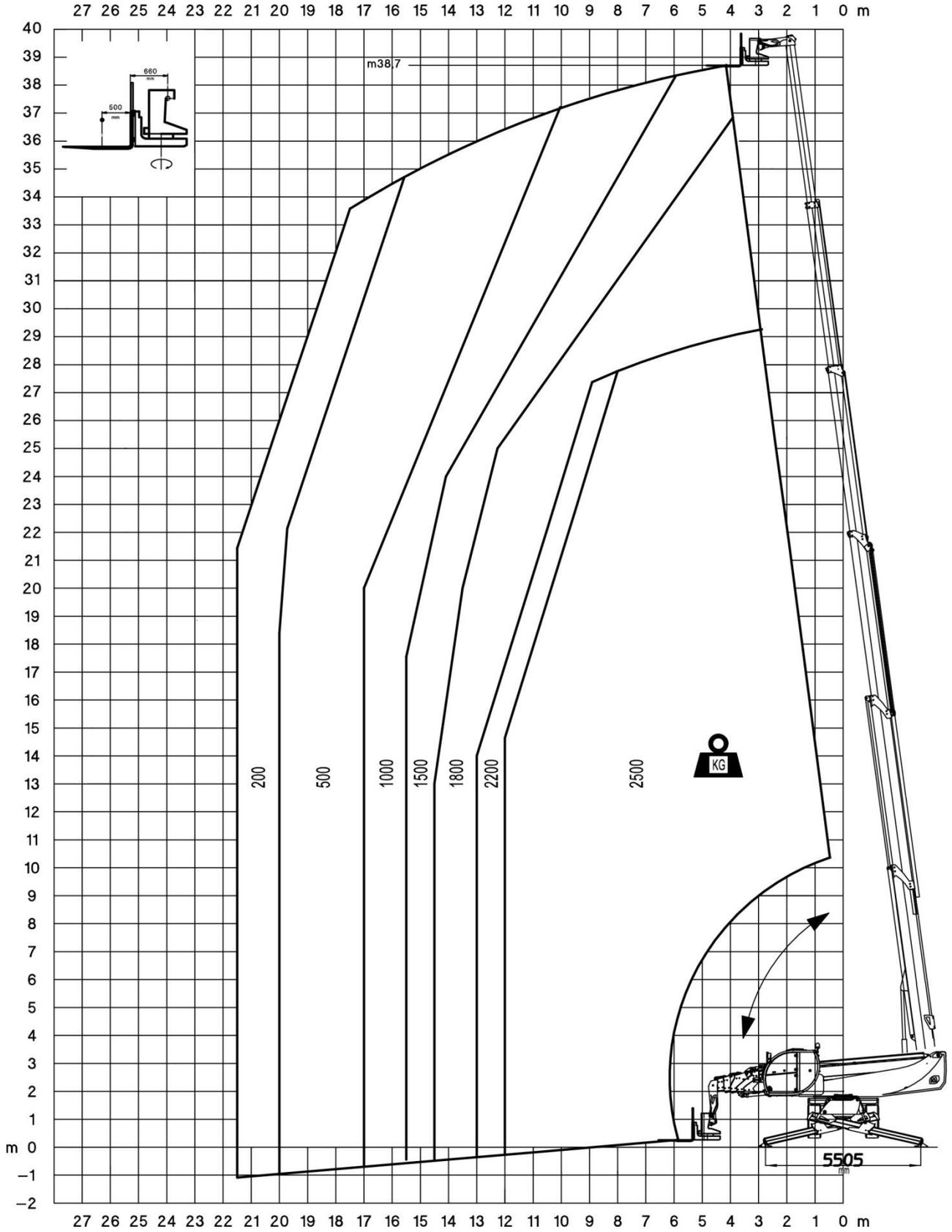
Vehicle	Configuration	Turret rotation
RTH 5.39 S	Tyres	0°



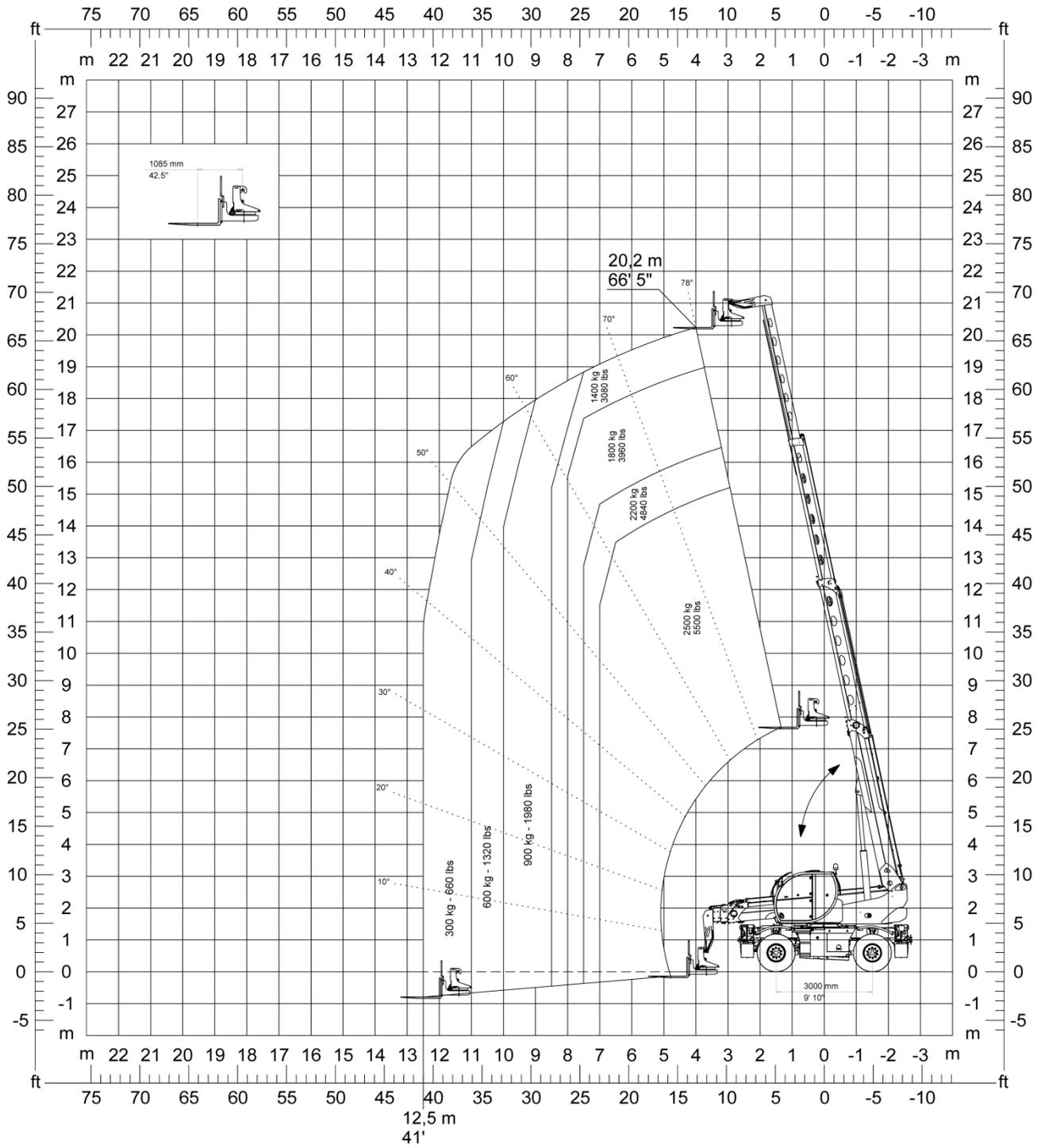
Vehicle	Configuration	Turret rotation
RTH 5.39 S	Tyres	360°



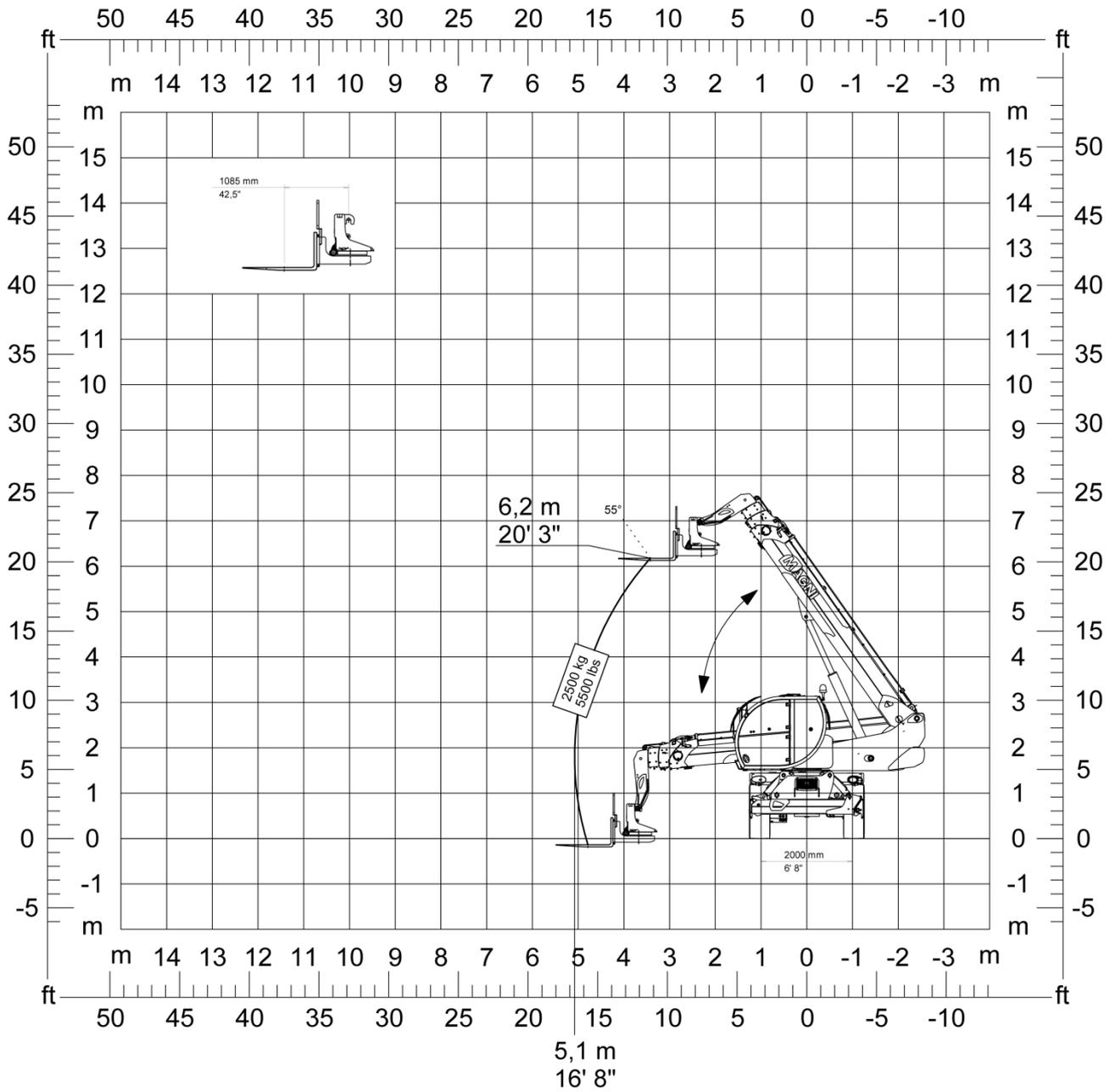
Vehicle	Configuration	Turret rotation
RTH 5.39 S	Stabilised → Condition 3	360°



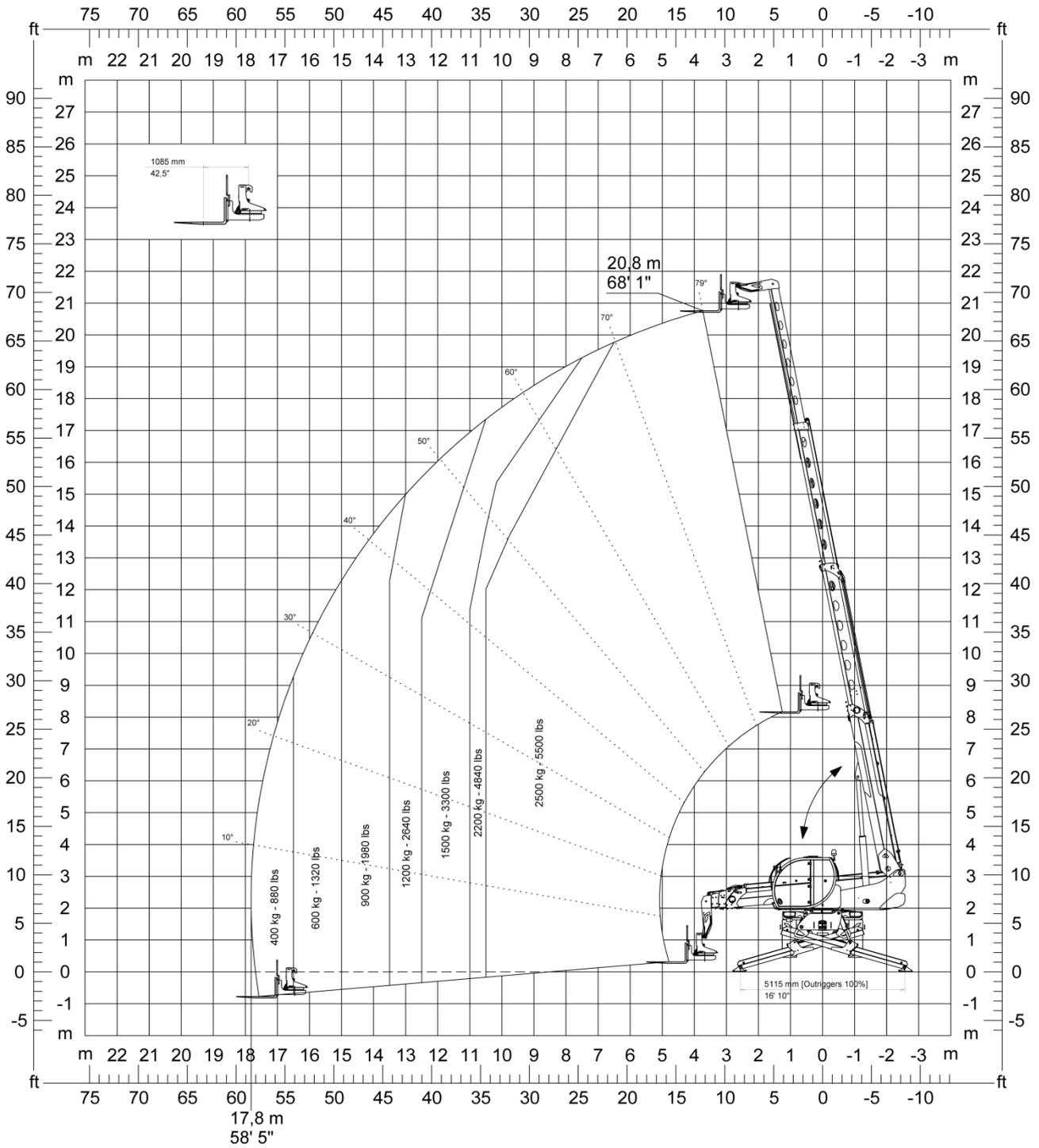
Vehicle	Configuration	Turret rotation
RTH 6.21	Tyres	0°



Vehicle	Configuration	Turret rotation
RTH 6.21	Tyres	360°

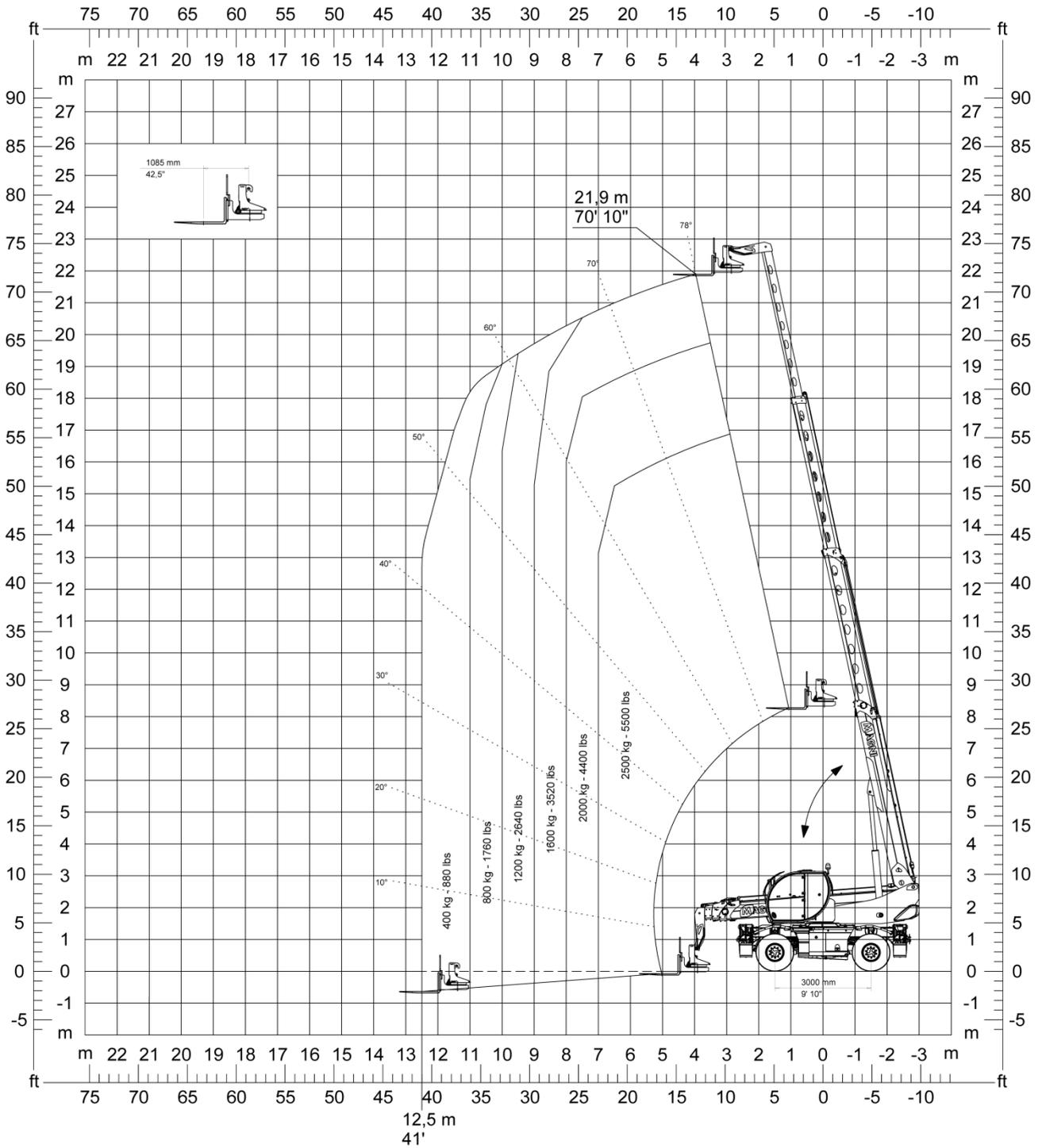


Vehicle	Configuration	Turret rotation
RTH 6.21	Stabilised → Condition 3	360°

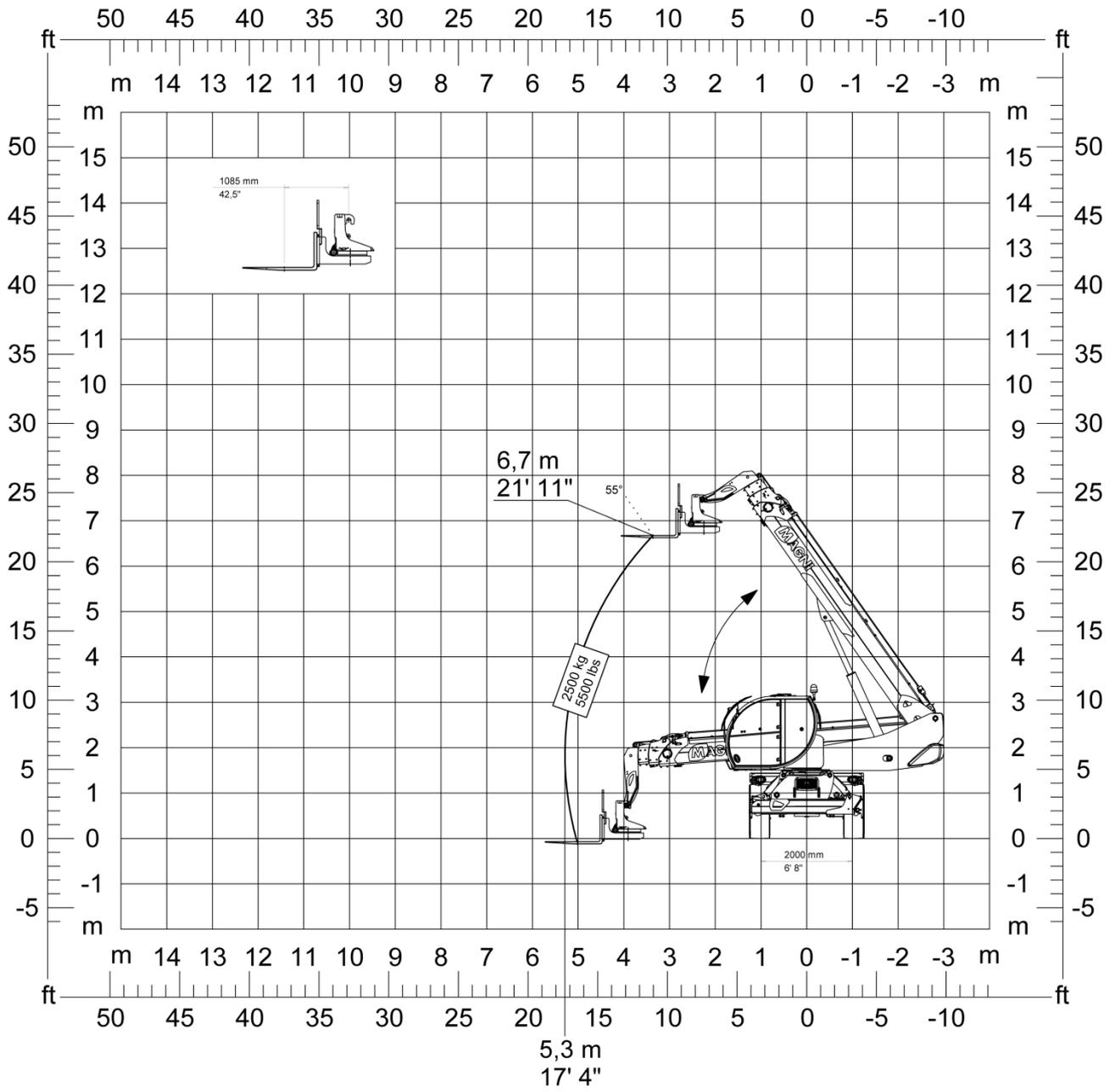




Vehicle	Configuration	Turret rotation
RTH 6.23	Tyres	0°

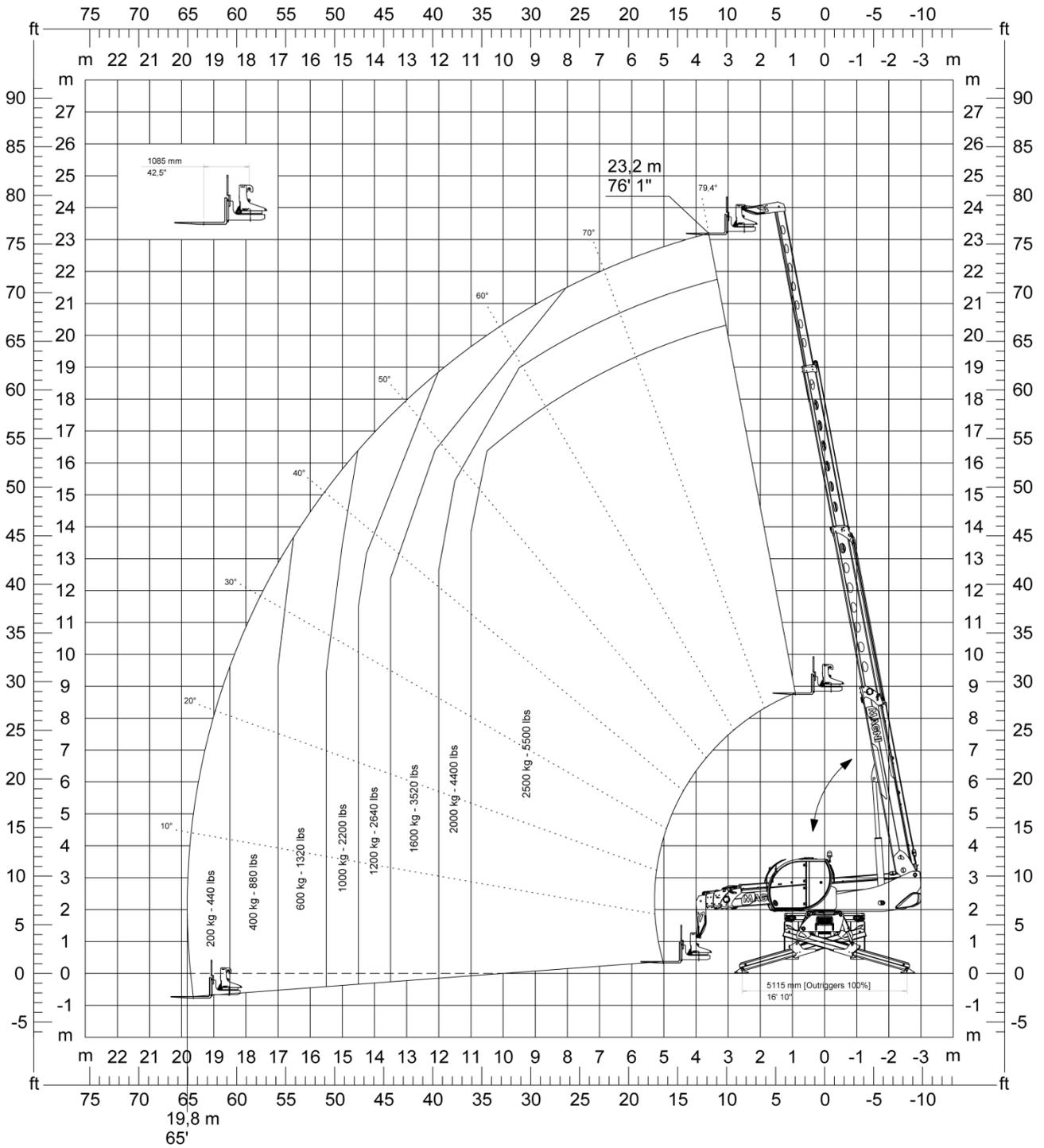


Vehicle	Configuration	Turret rotation
RTH 6.23	Tyres	360°

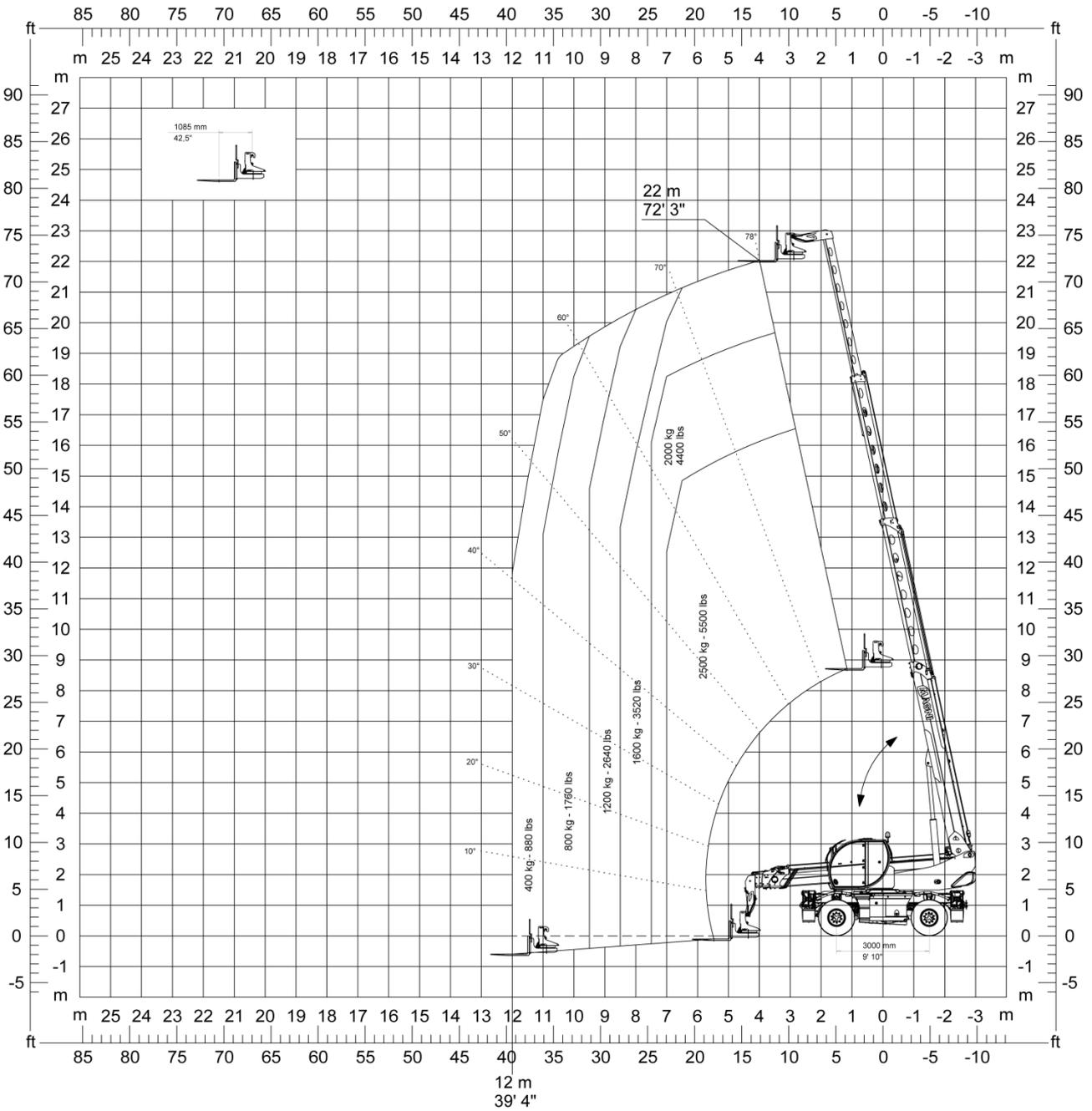




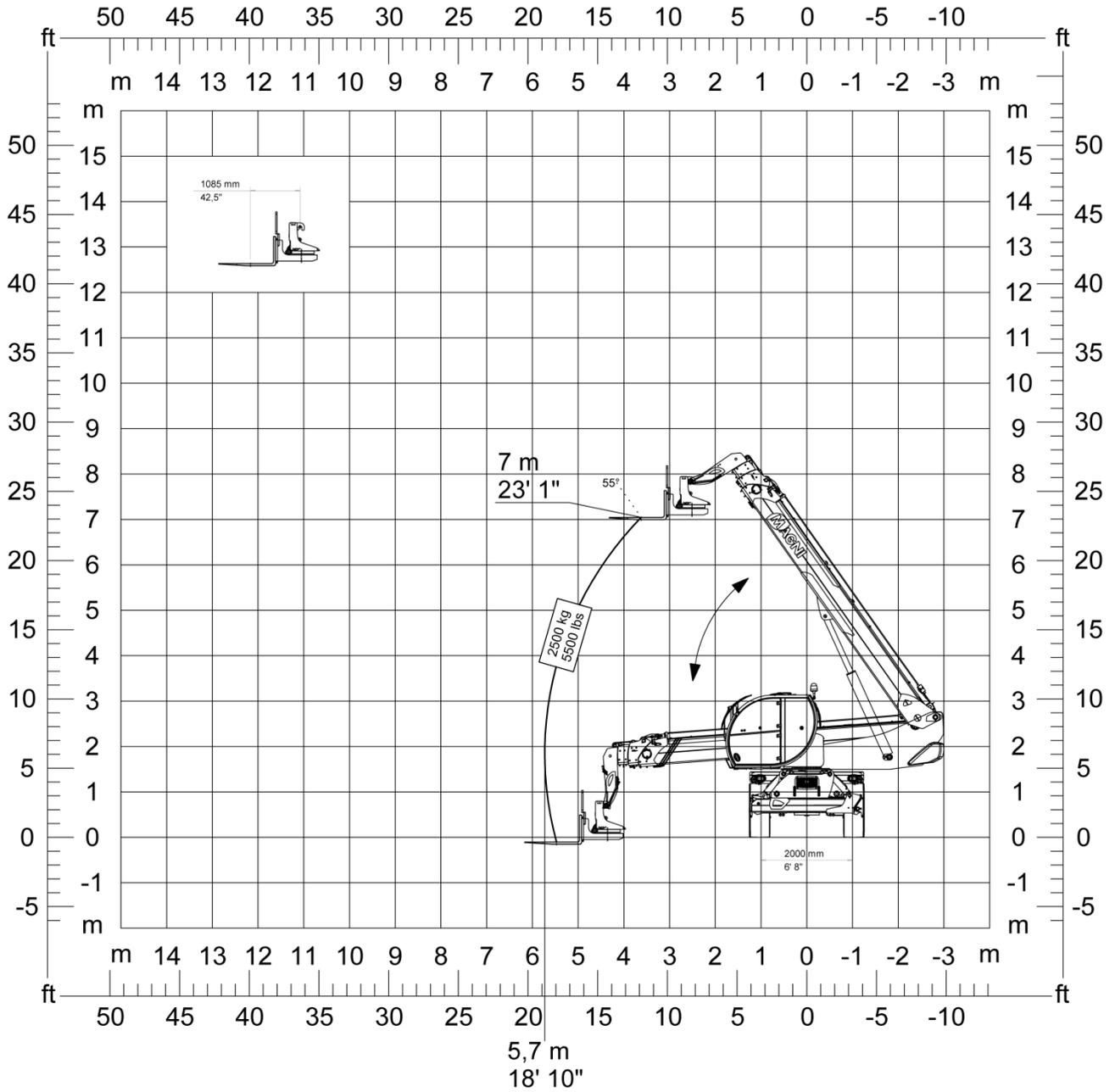
Vehicle	Configuration	Turret rotation
RTH 6.23	Stabilised → Condition 3	360°



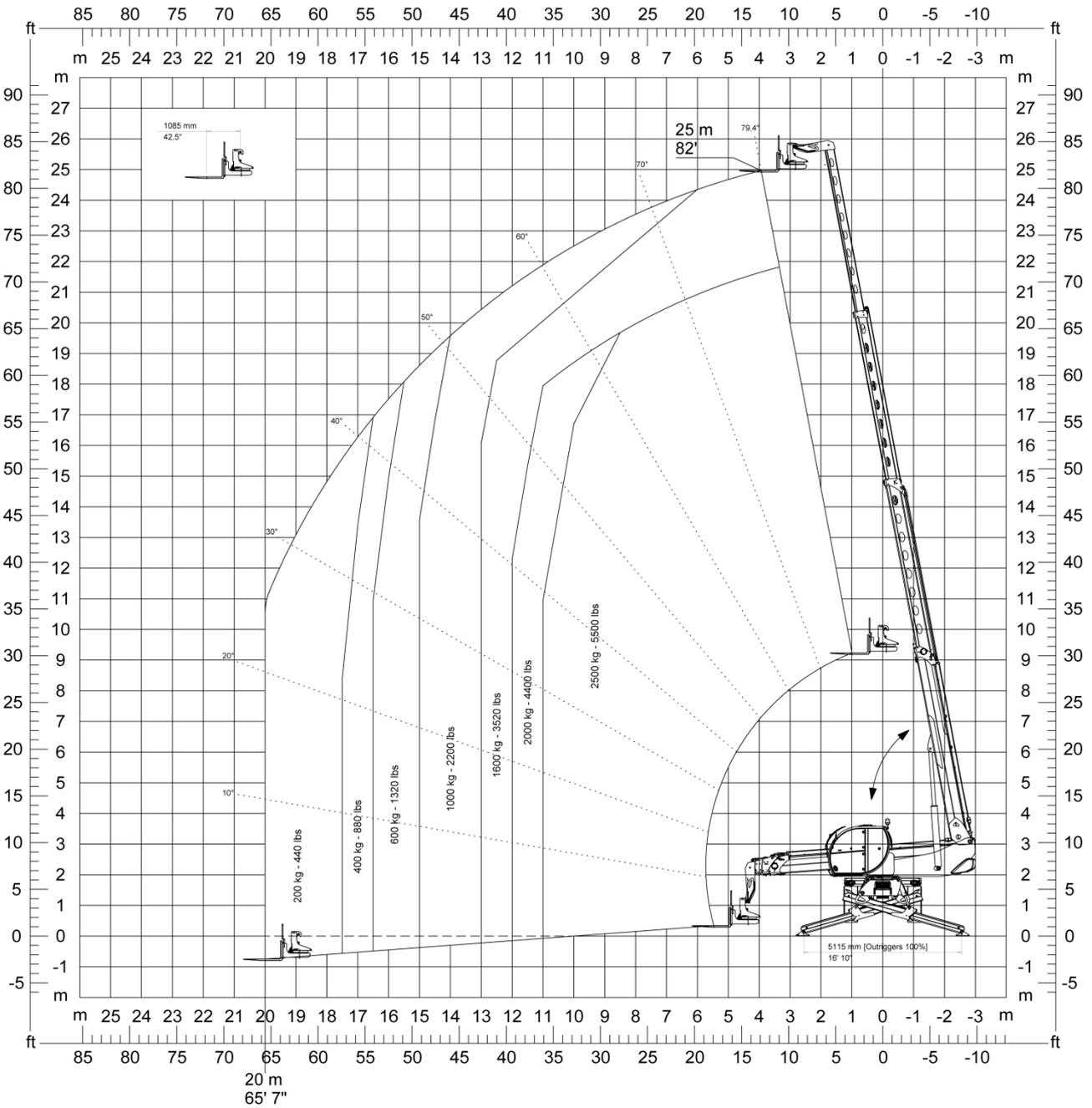
Vehicle	Configuration	Turret rotation
RTH 6.25	Tyres	0°



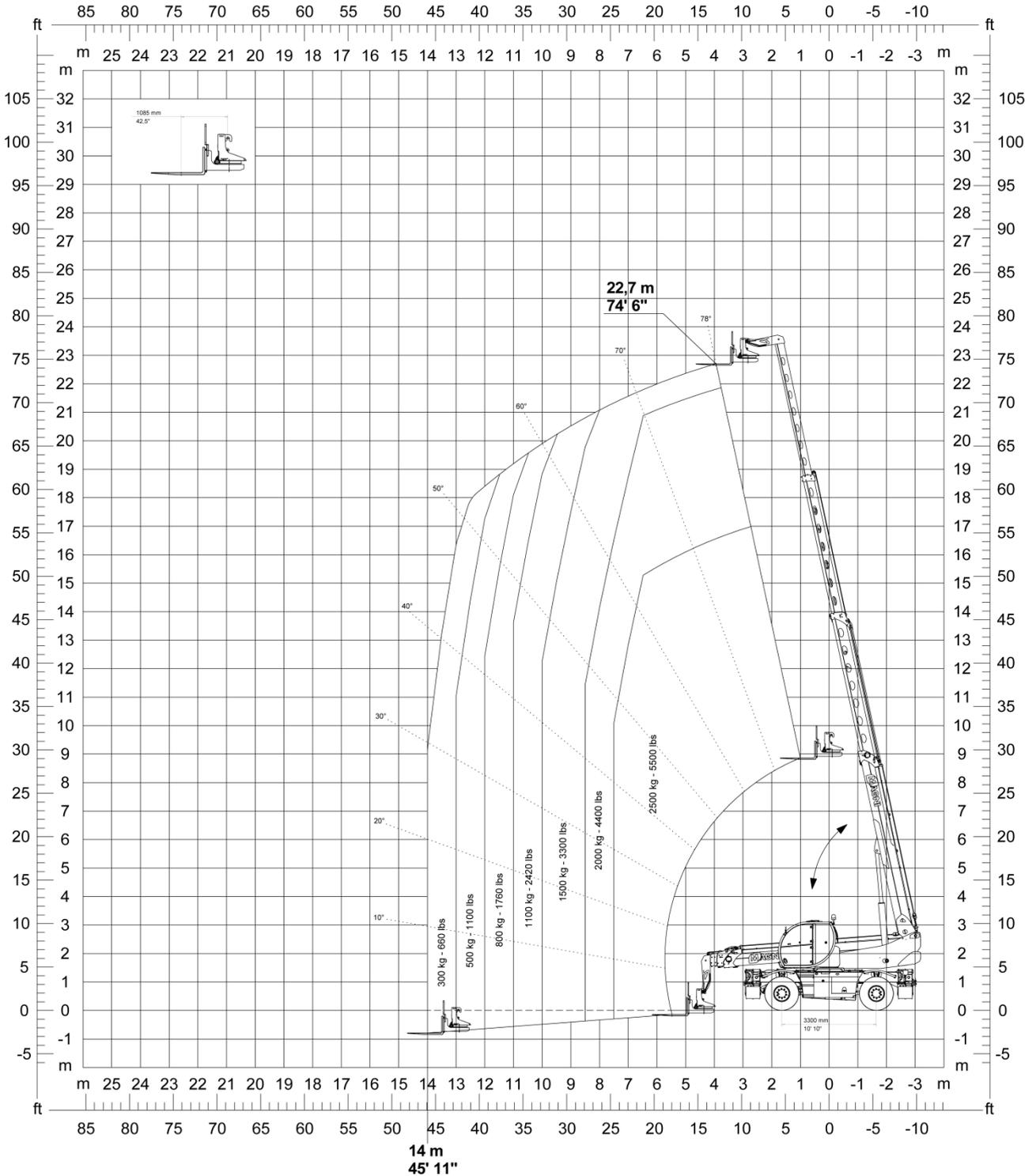
Vehicle	Configuration	Turret rotation
RTH 6.25	Tyres	360°



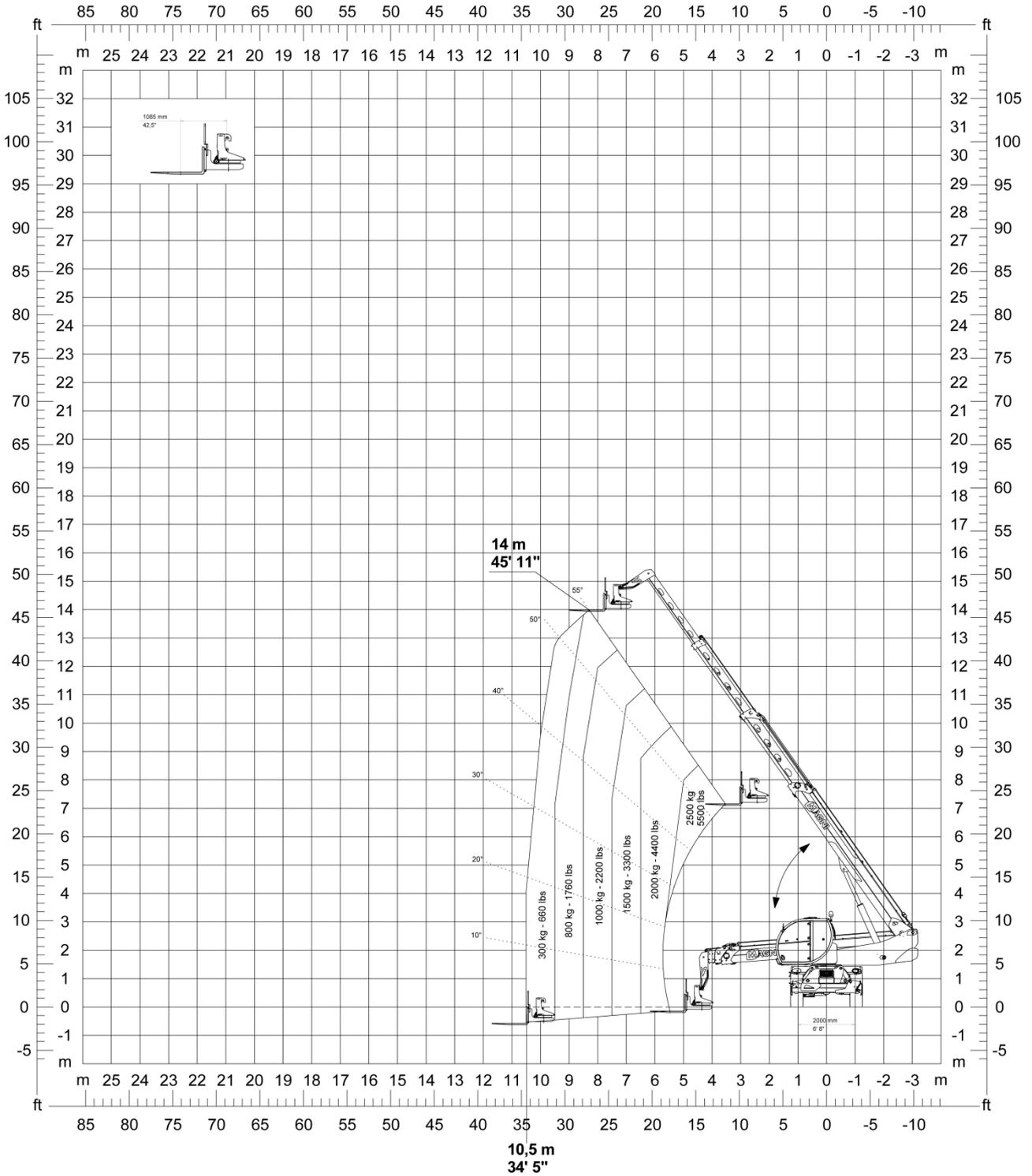
Vehicle	Configuration	Turret rotation
RTH 6.25	Stabilised → Condition 3	360°



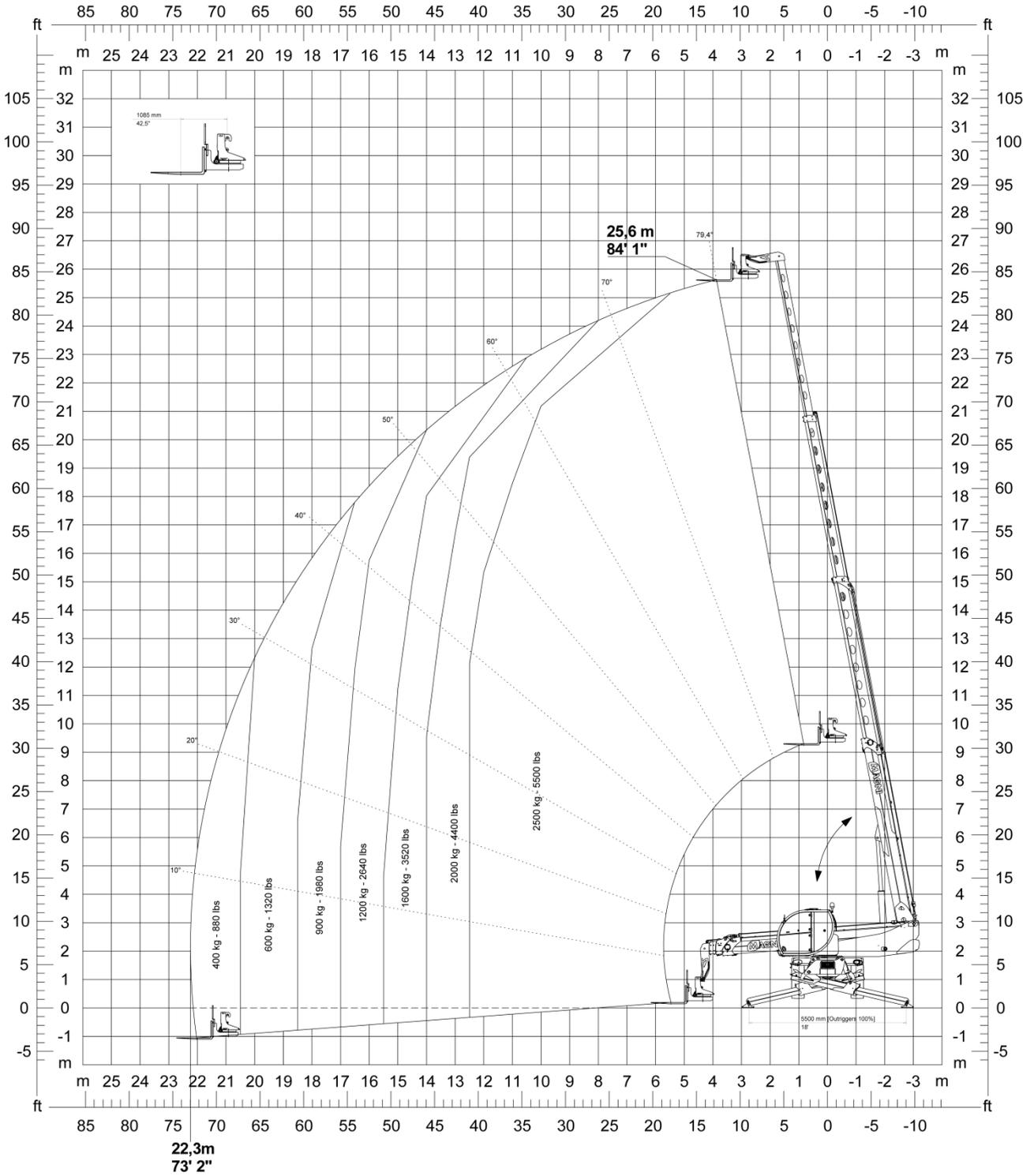
Vehicle	Configuration	Turret rotation
RTH 6.26 SH RTH 6.26	Tyres	0°



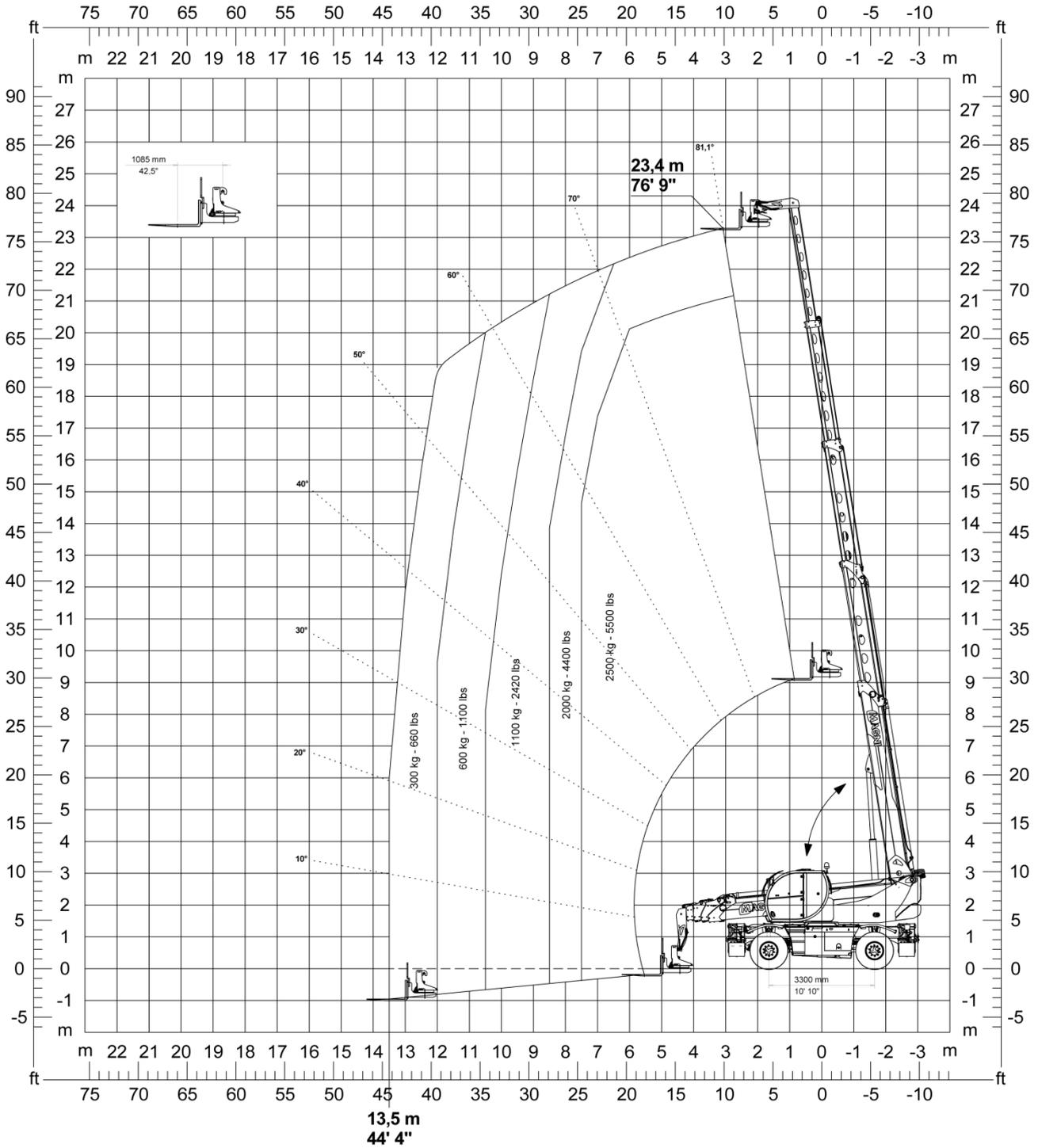
Vehicle	Configuration	Turret rotation
RTH 6.26 SH RTH 6.26	Tyres	360°



Vehicle	Configuration	Turret rotation
RTH 6.26 SH RTH 6.26	Stabilised → Condition 3	360°

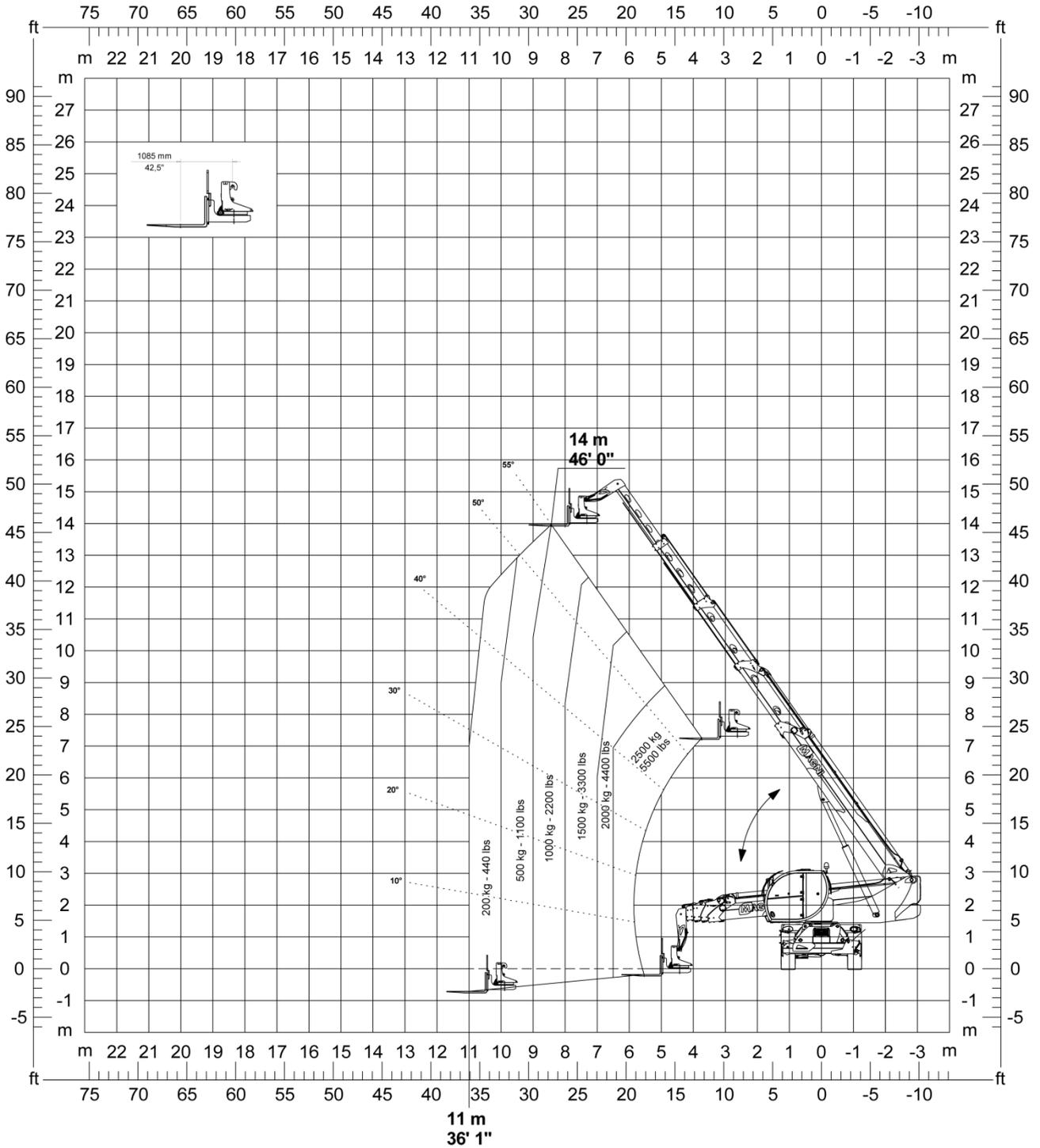


Vehicle	Configuration	Turret rotation
RTH 6.30 SH RTH 6.30	Tyres	0°

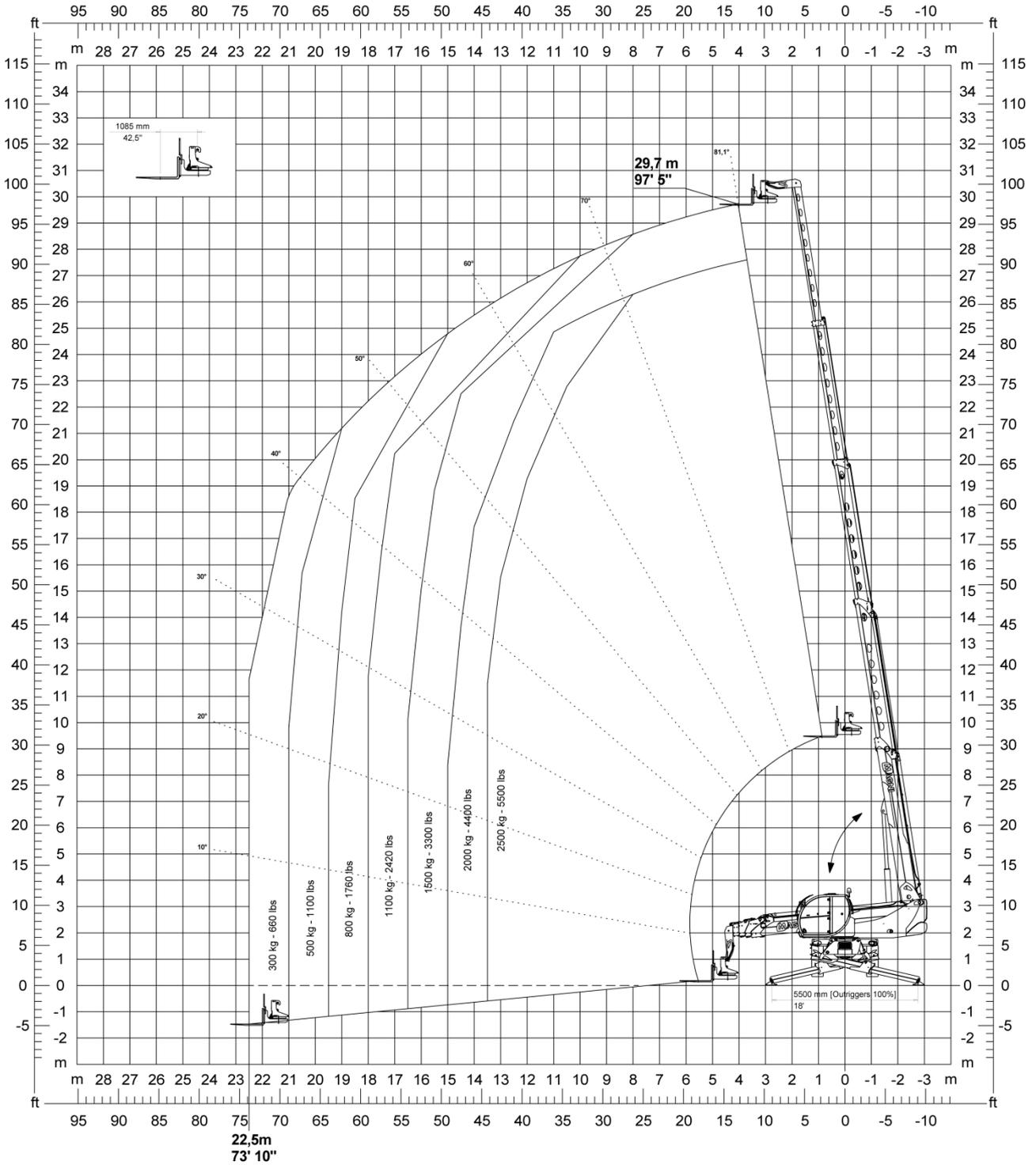




Vehicle	Configuration	Turret rotation
RTH 6.30 SH RTH 6.30	Tyres	360°

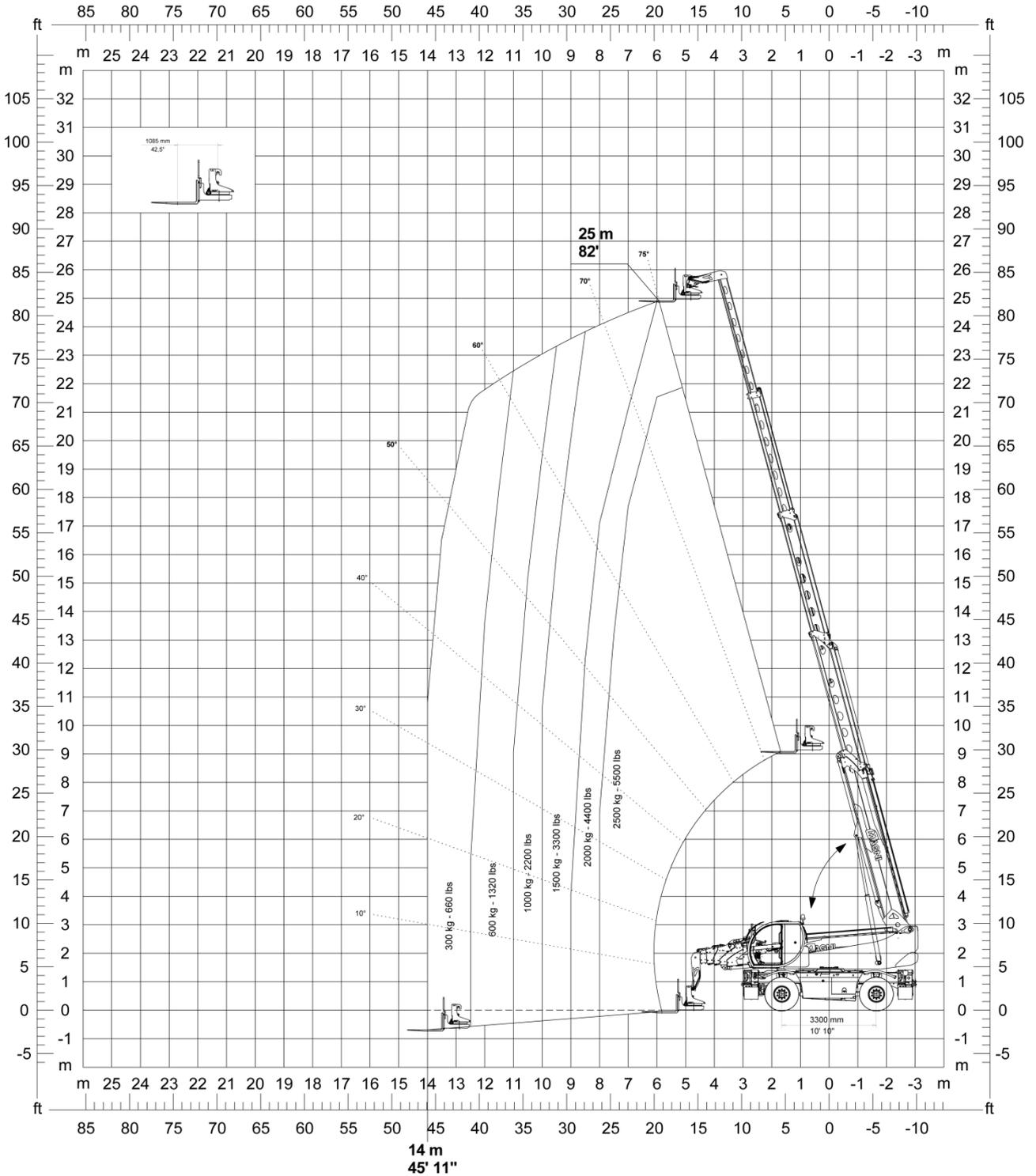


Vehicle	Configuration	Turret rotation
RTH 6.30 SH RTH 6.30	Stabilised → Condition 3	360°

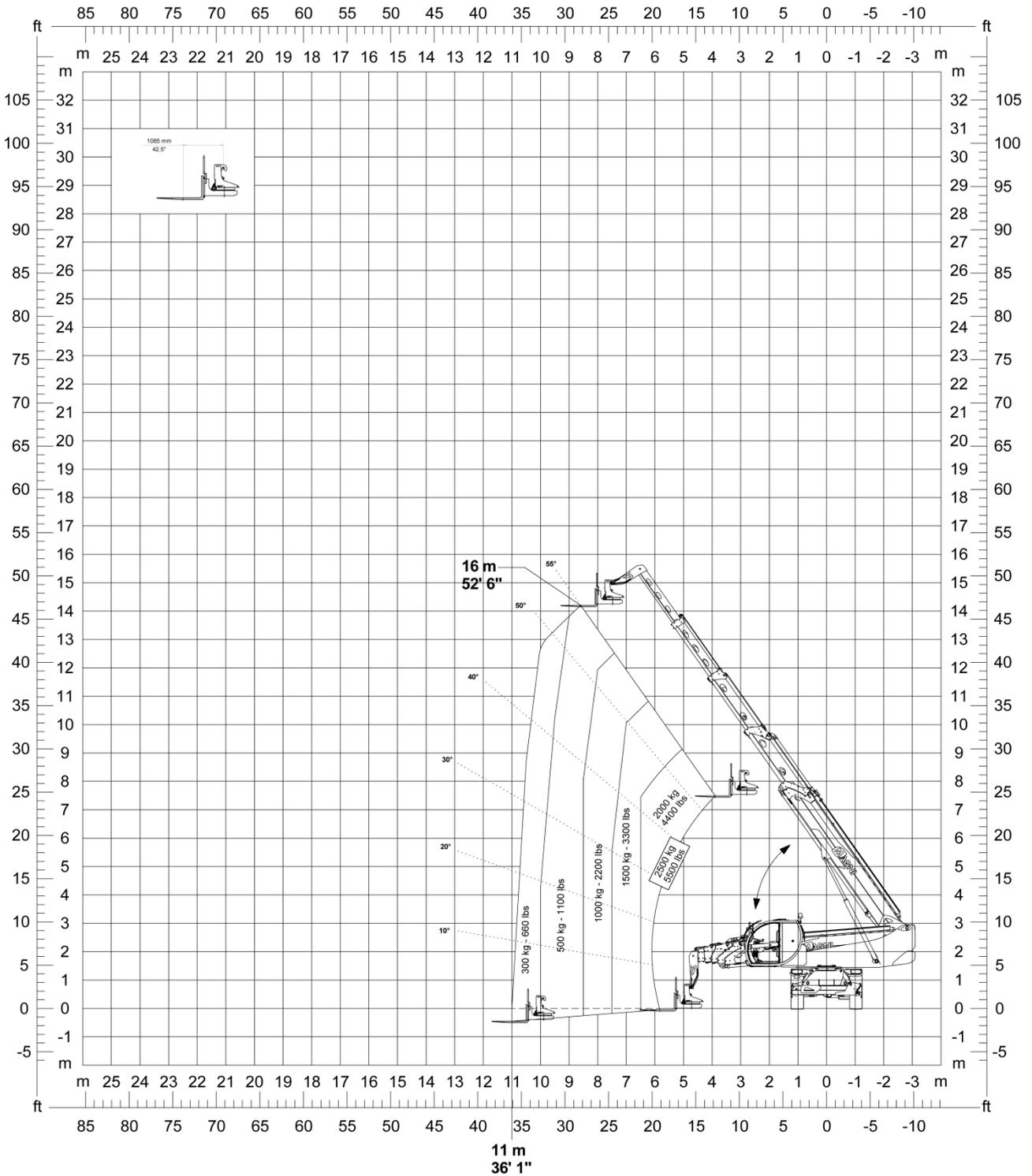




Vehicle	Configuration	Turret rotation
RTH 6.35 SH RTH 6.35	Tyres	0°

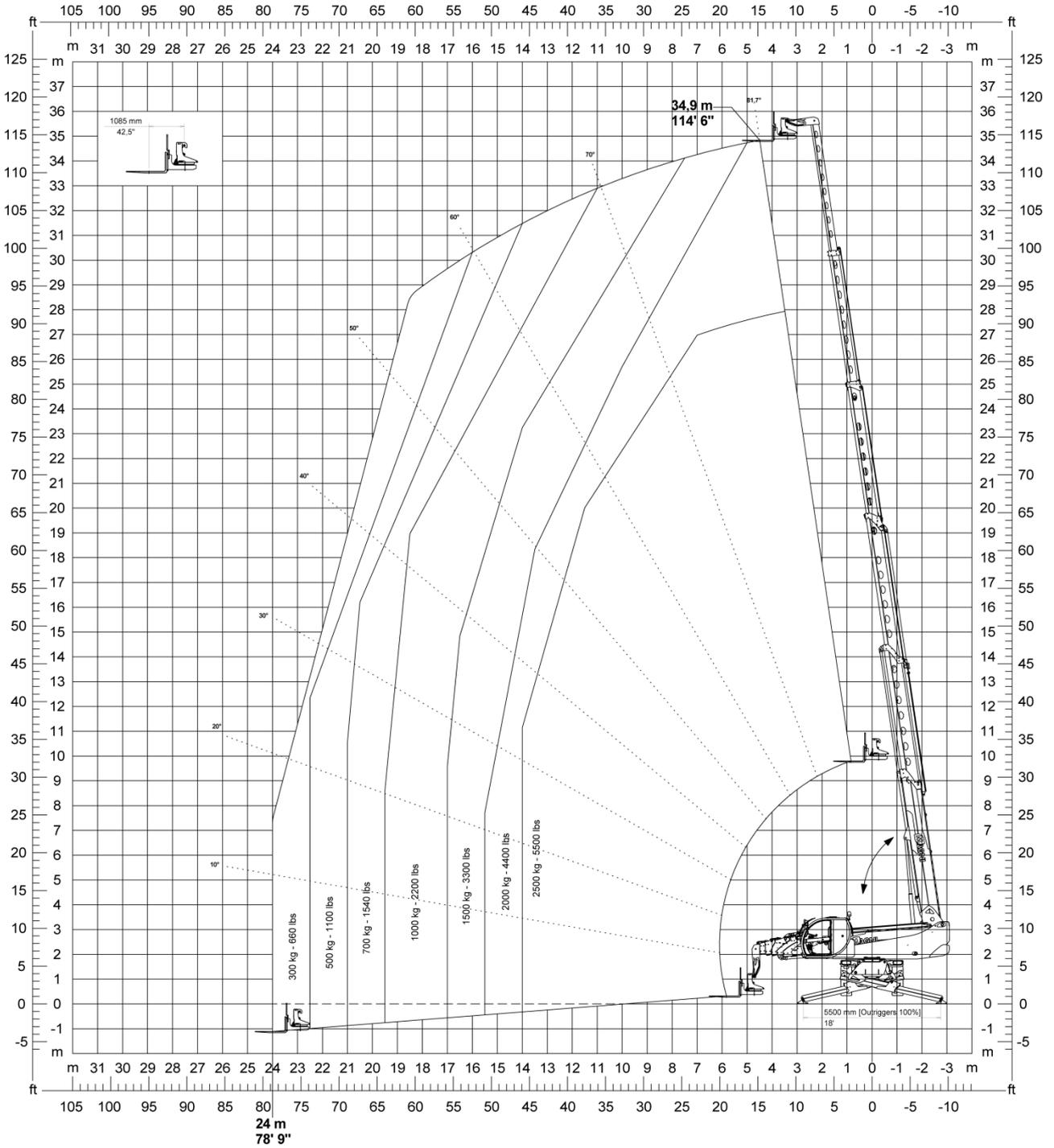


Vehicle	Configuration	Turret rotation
RTH 6.35 SH RTH 6.35	Tyres	360°

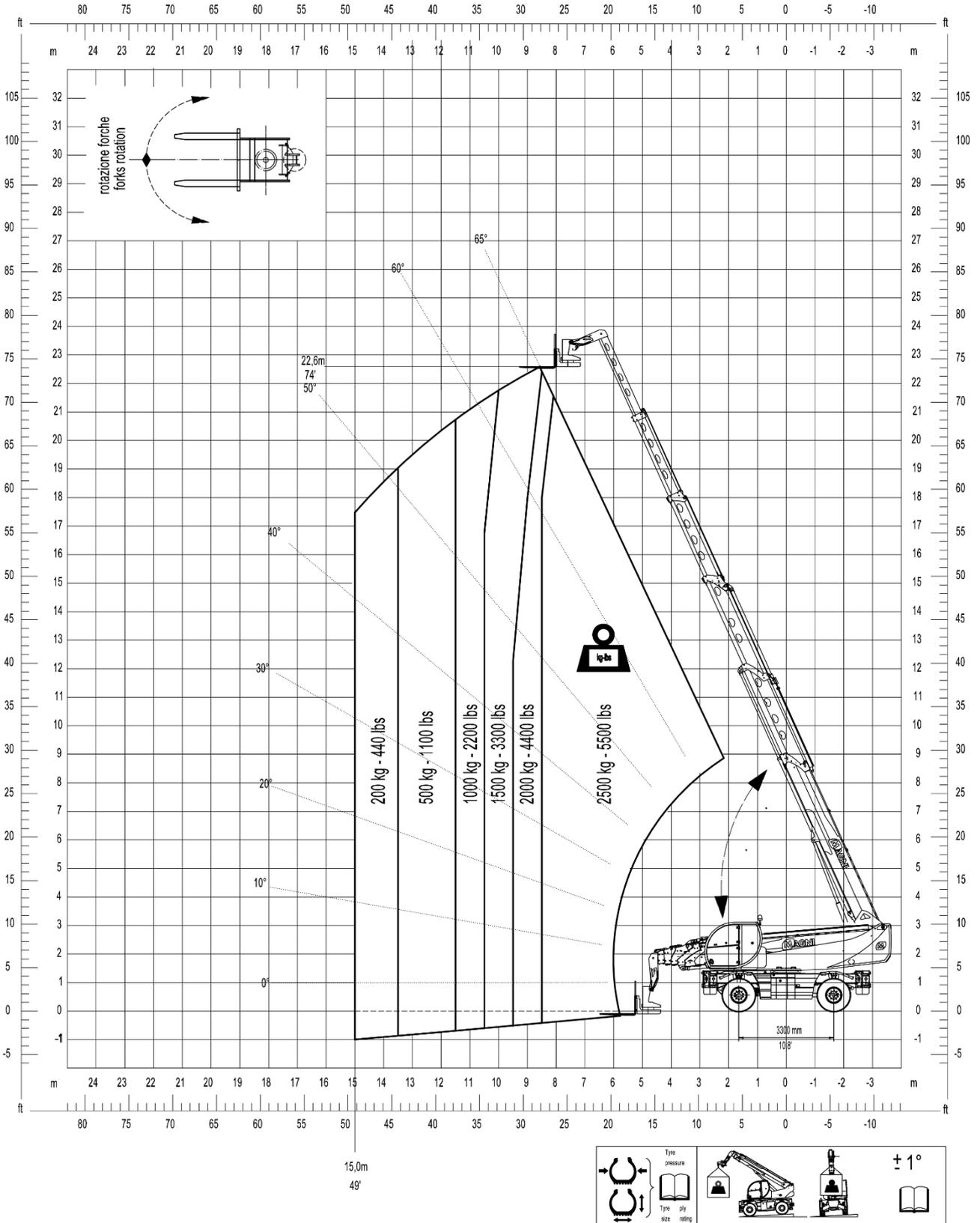




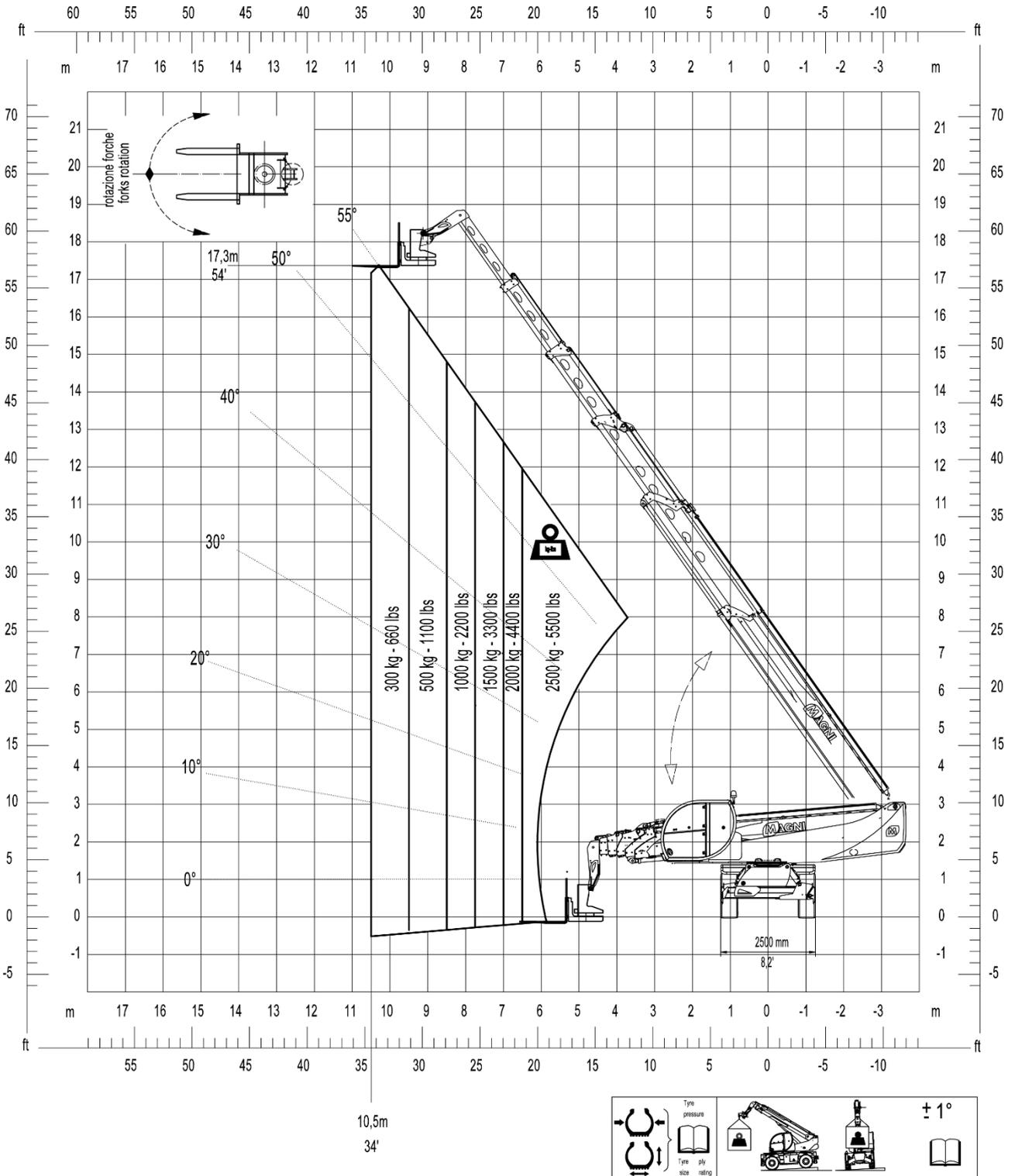
Vehicle	Configuration	Turret rotation
RTH 6.35 SH RTH 6.35	Stabilised → Condition 3	360°



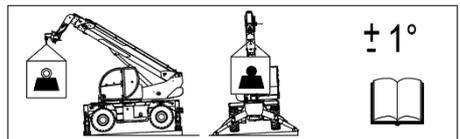
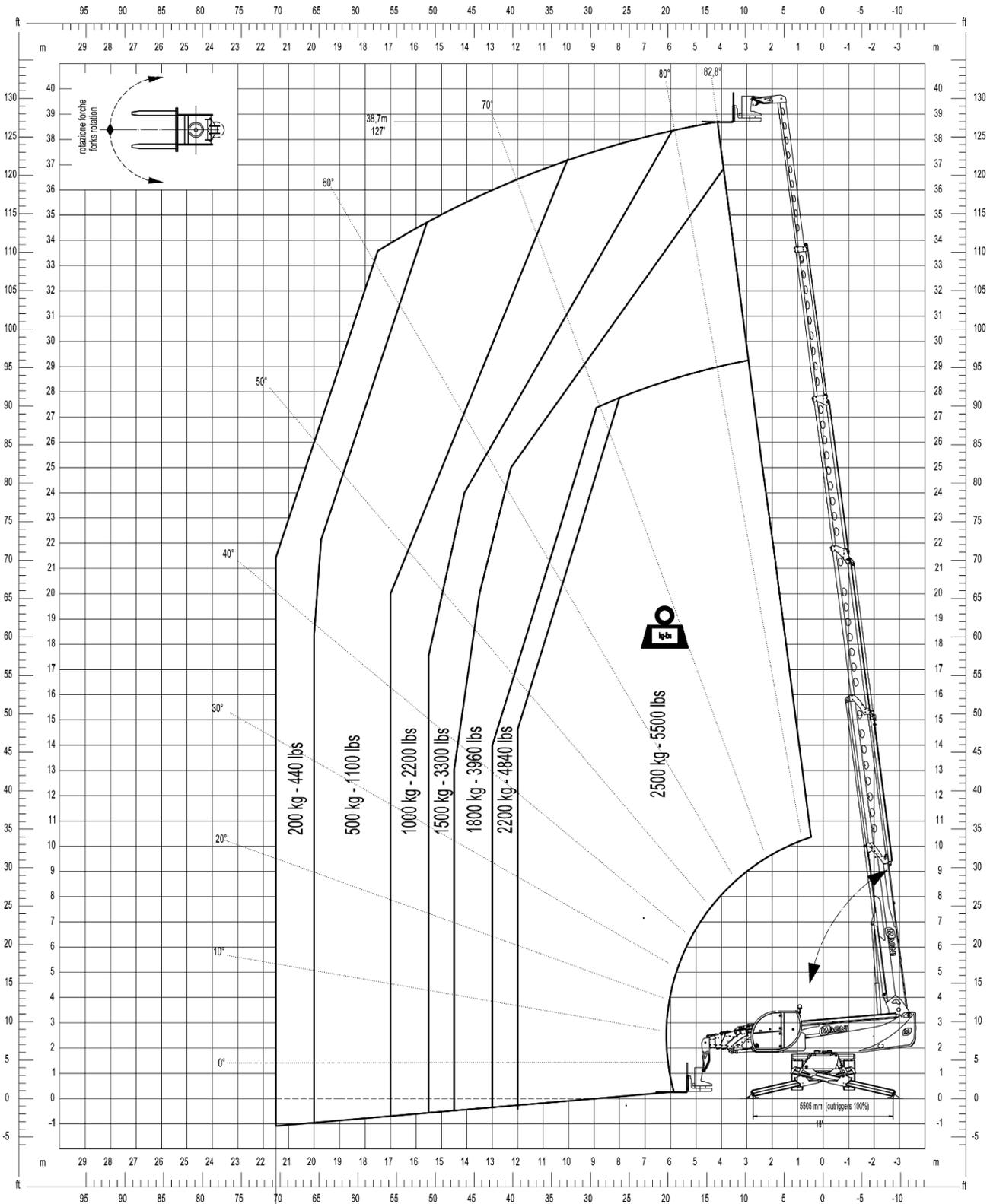
Vehicle	Configuration	Turret rotation
RTH 6.39 SH RTH 6.39	Tyres	0°



Vehicle	Configuration	Turret rotation
RTH 6.39 SH RTH 6.39	Tyres	360°

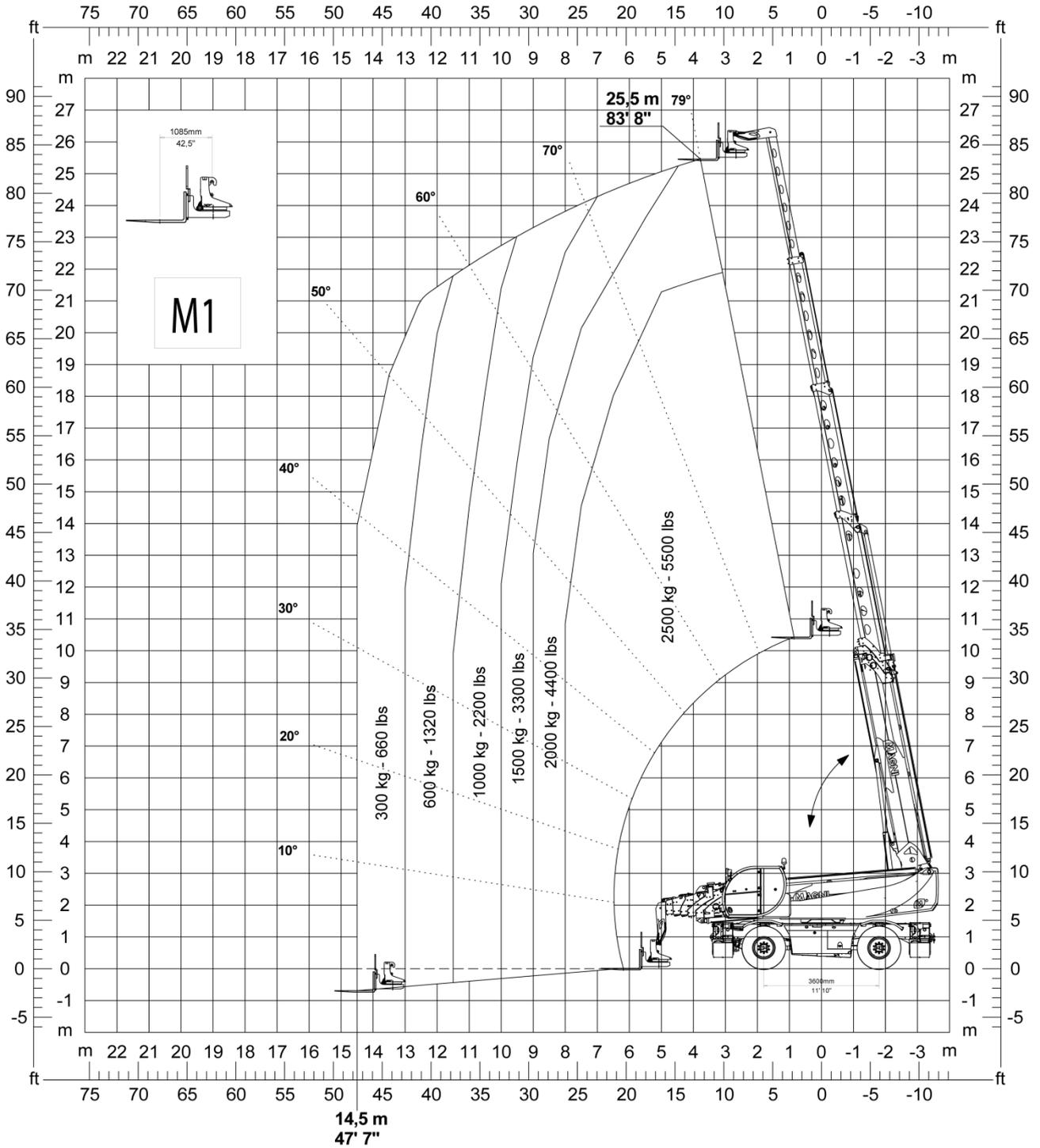


Vehicle	Configuration	Turret rotation
RTH 6.39 SH RTH 6.39	Stabilised → Condition 3	360°

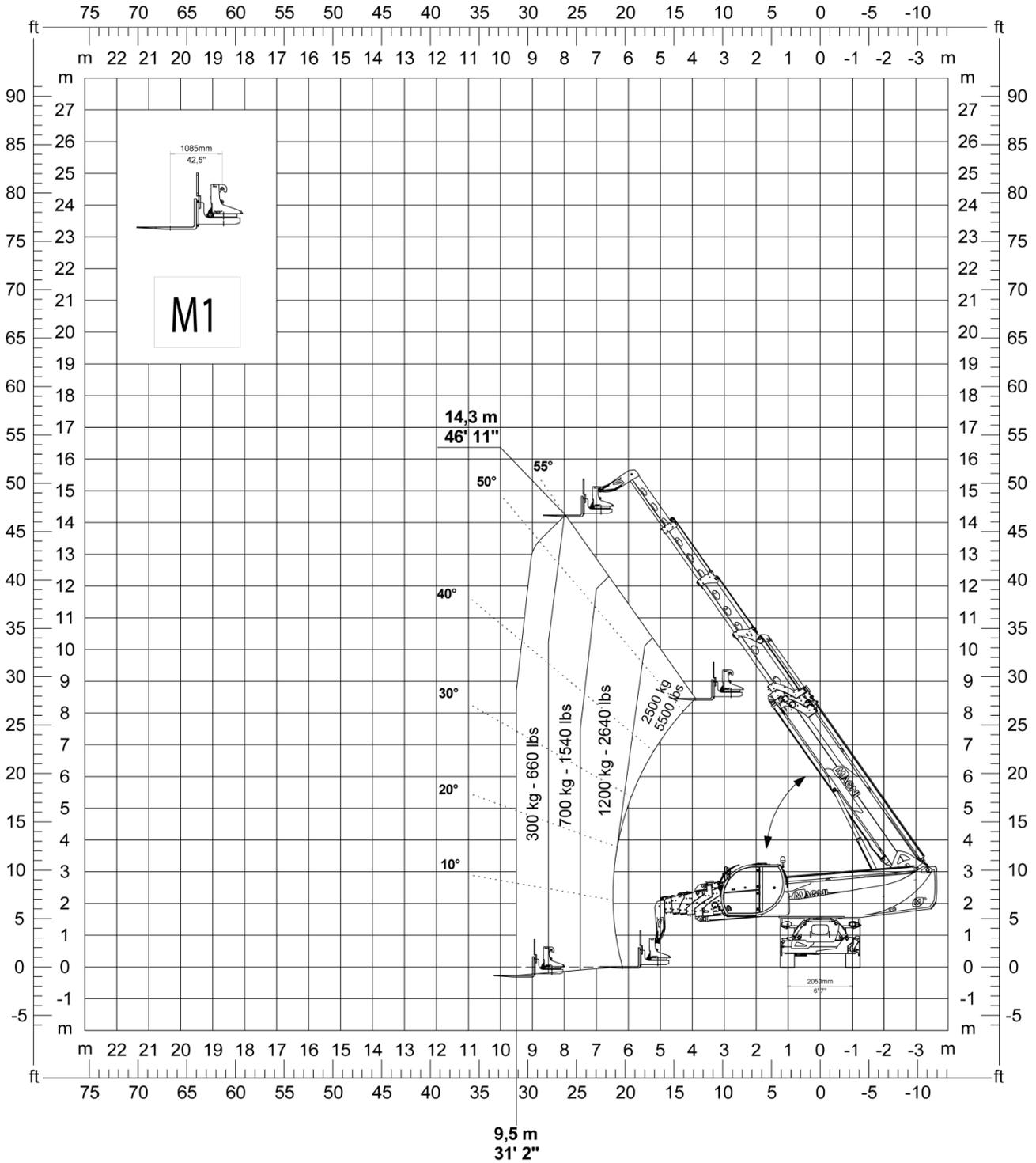




Vehicle	Configuration	Turret rotation
RTH 6.46 SH RTH 6.46	M1 - Tyres	0°

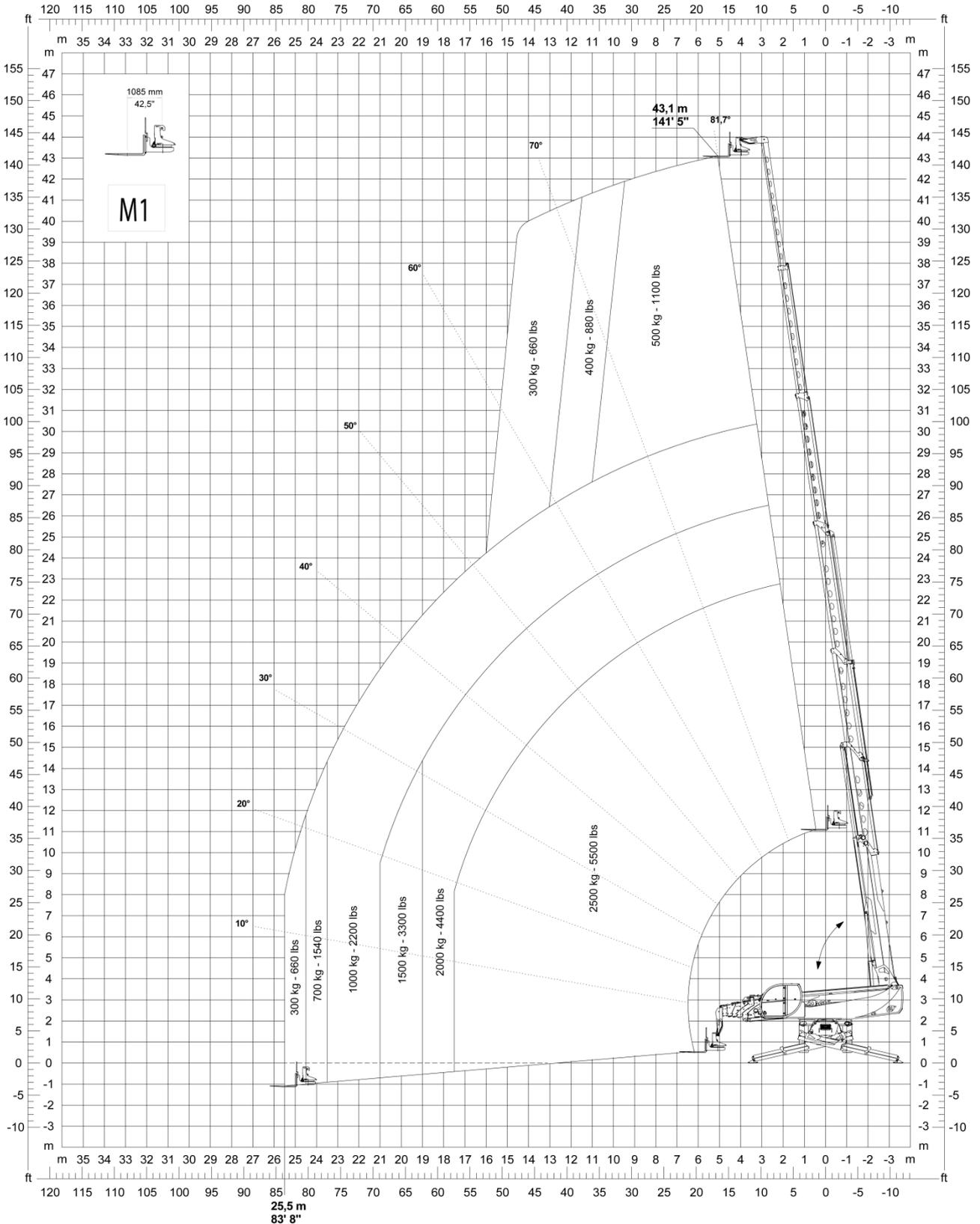


Vehicle	Configuration	Turret rotation
RTH 6.46 SH RTH 6.46	M1 - Tyres	360°

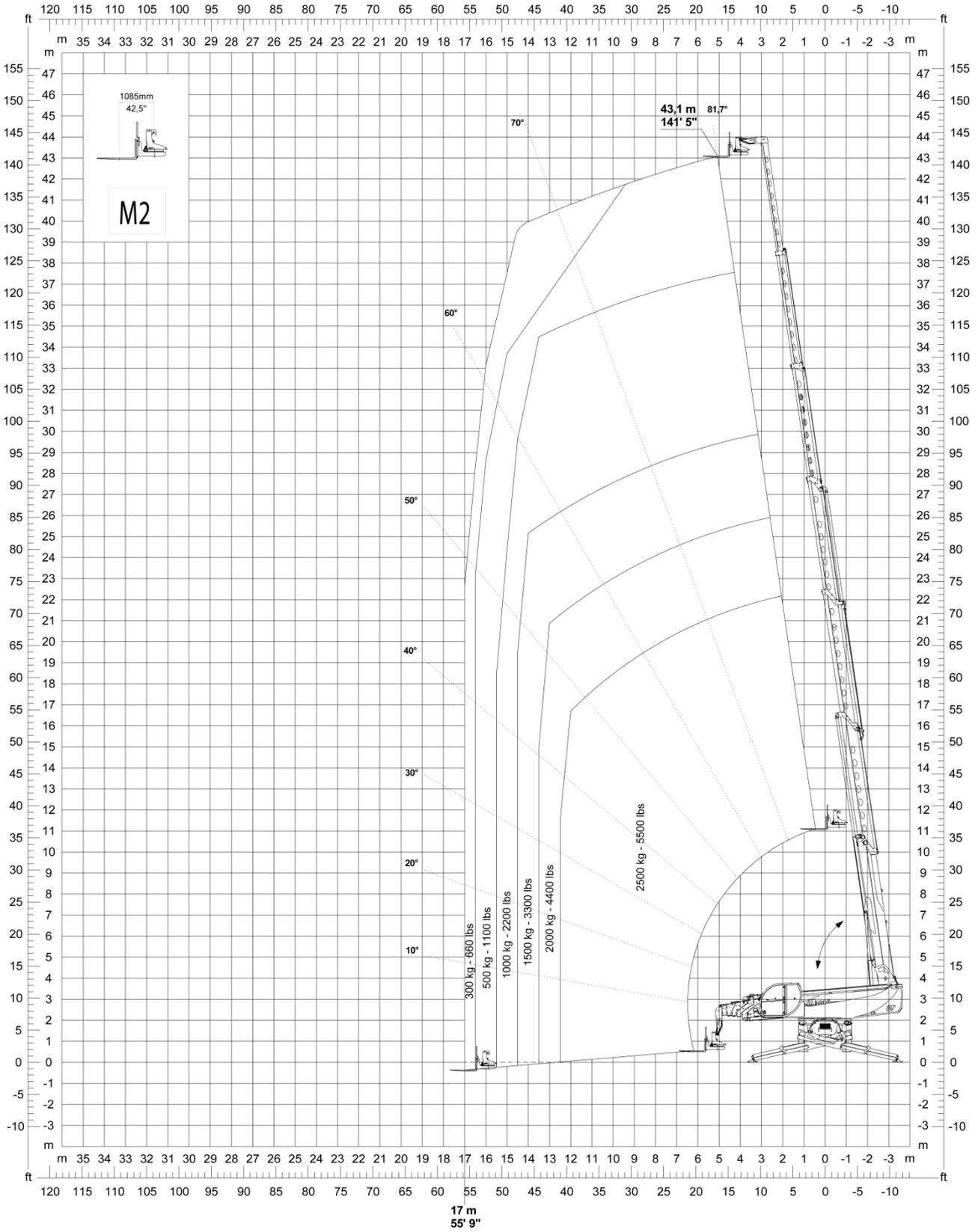




Vehicle	Configuration	Turret rotation
RTH 6.46 SH RTH 6.46	M1 - Stabilised → Condition 3	360°

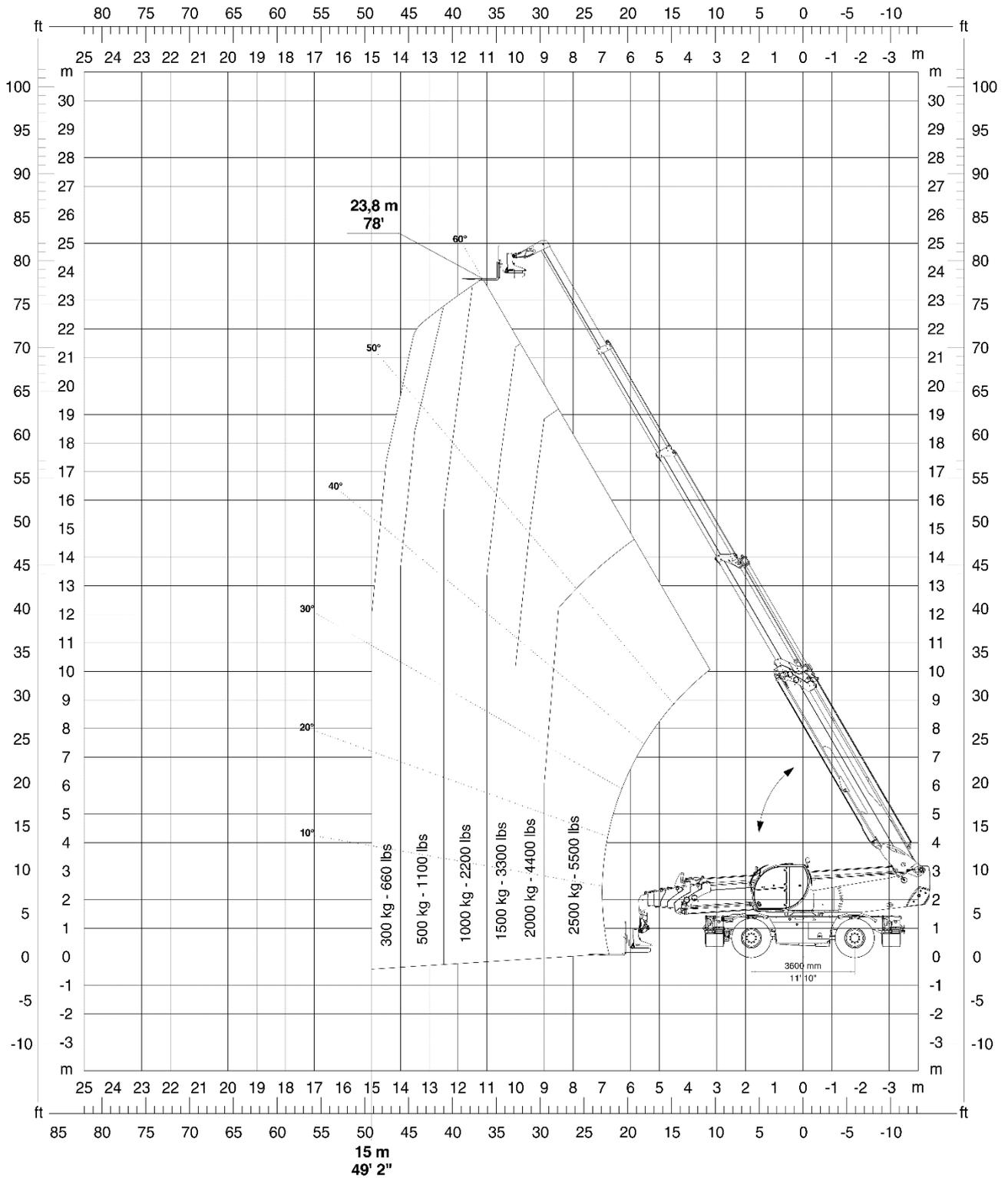


Vehicle	Configuration	Turret rotation
RTH 6.46 SH RTH 6.46	M2 - Stabilised → Condition 3	360°

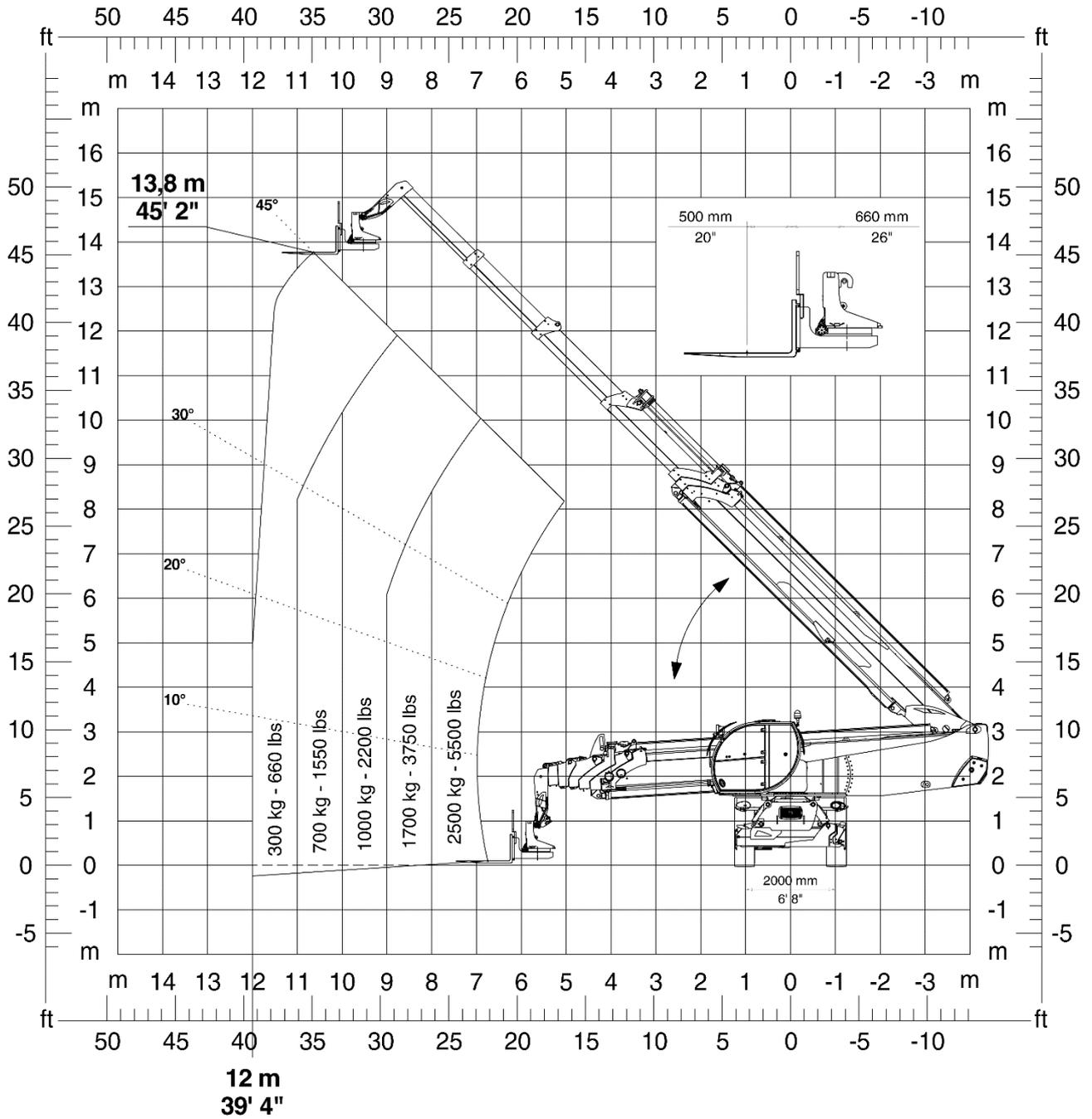




Vehicle	Configuration	Turret rotation
RTH 6.51	Tyres	0°

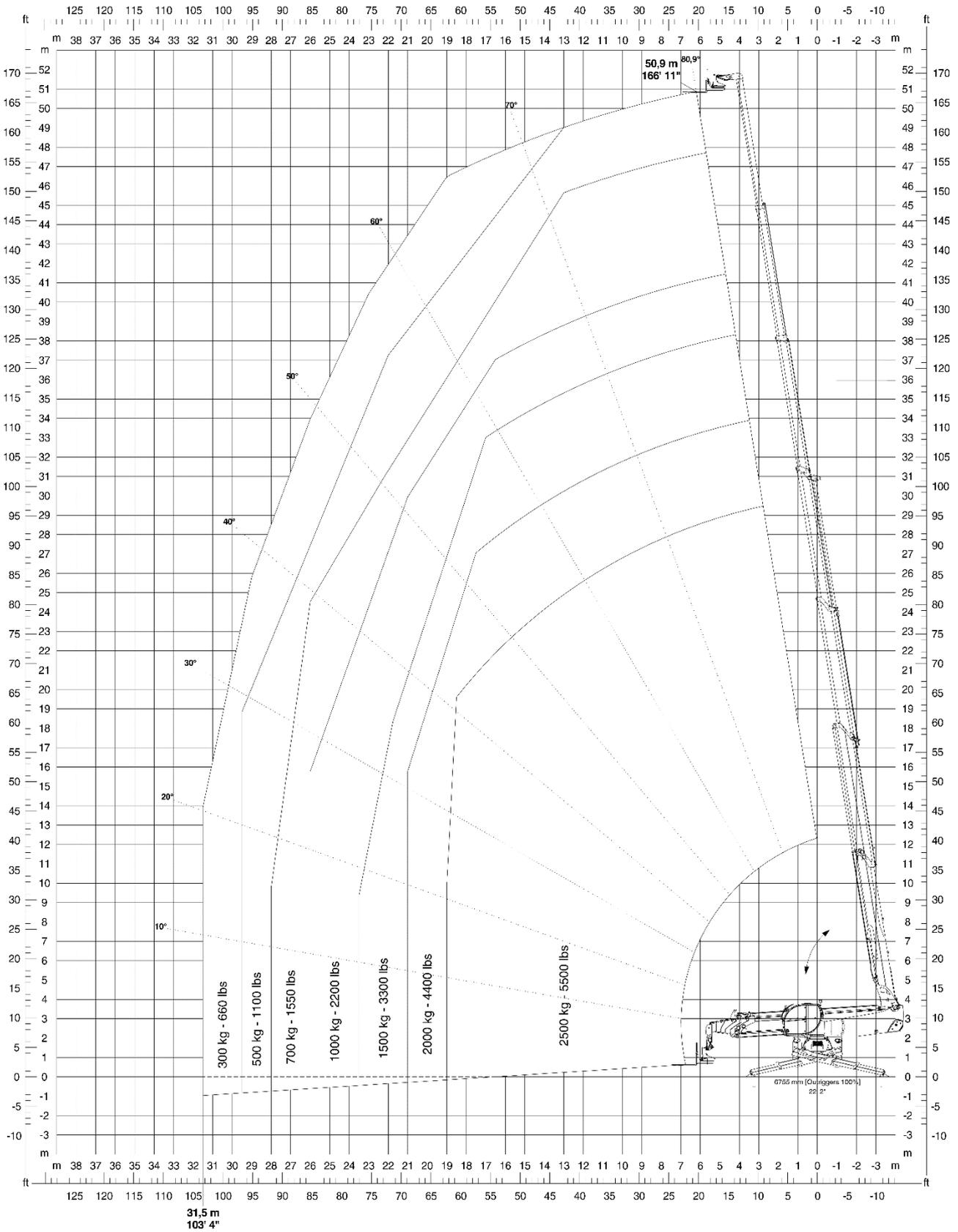


Vehicle	Configuration	Turret rotation
RTH 6.51	Tyres	360°

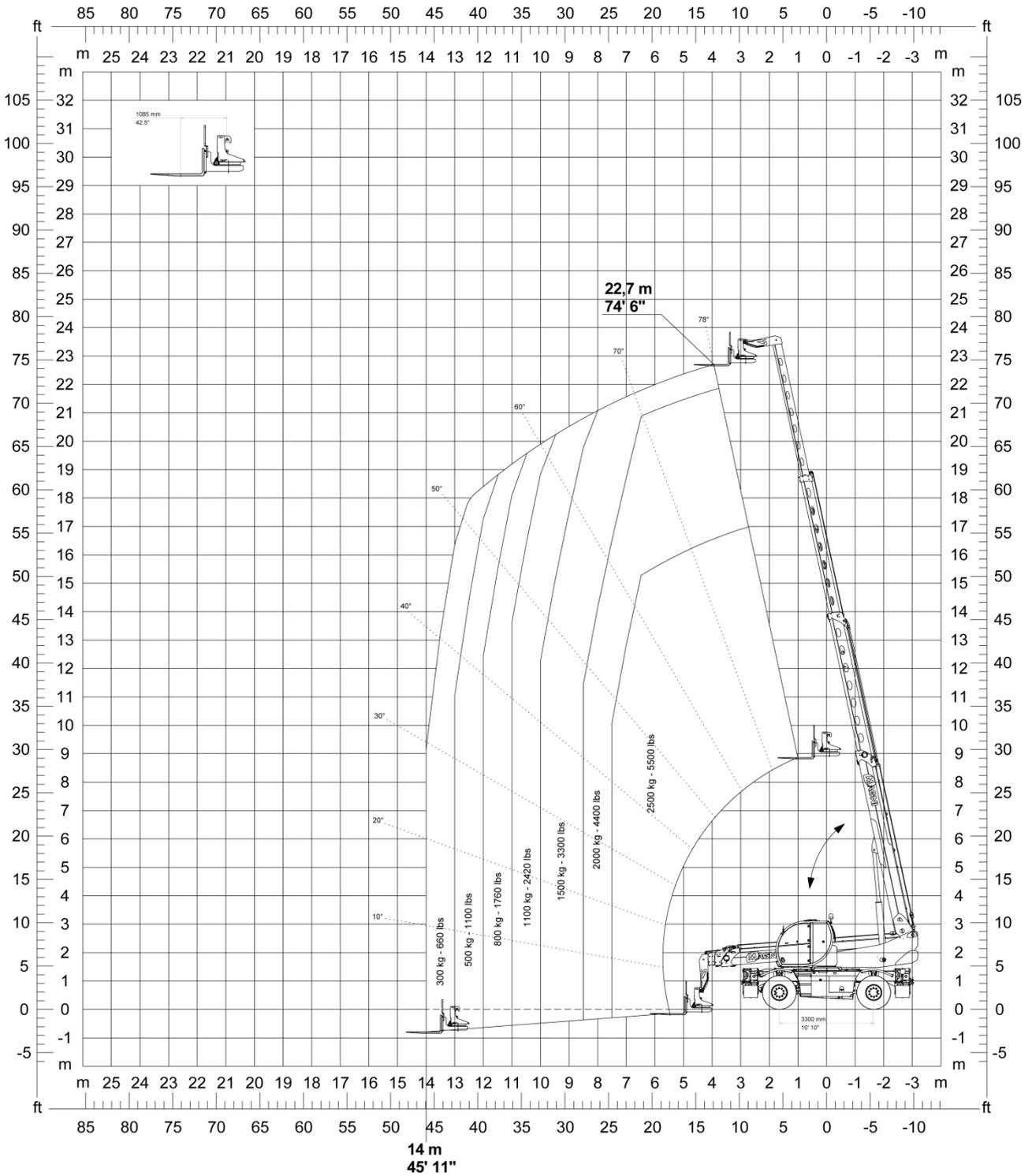




Vehicle	Configuration	Turret rotation
RTH 6.51	Stabilised → Condition 3	360°

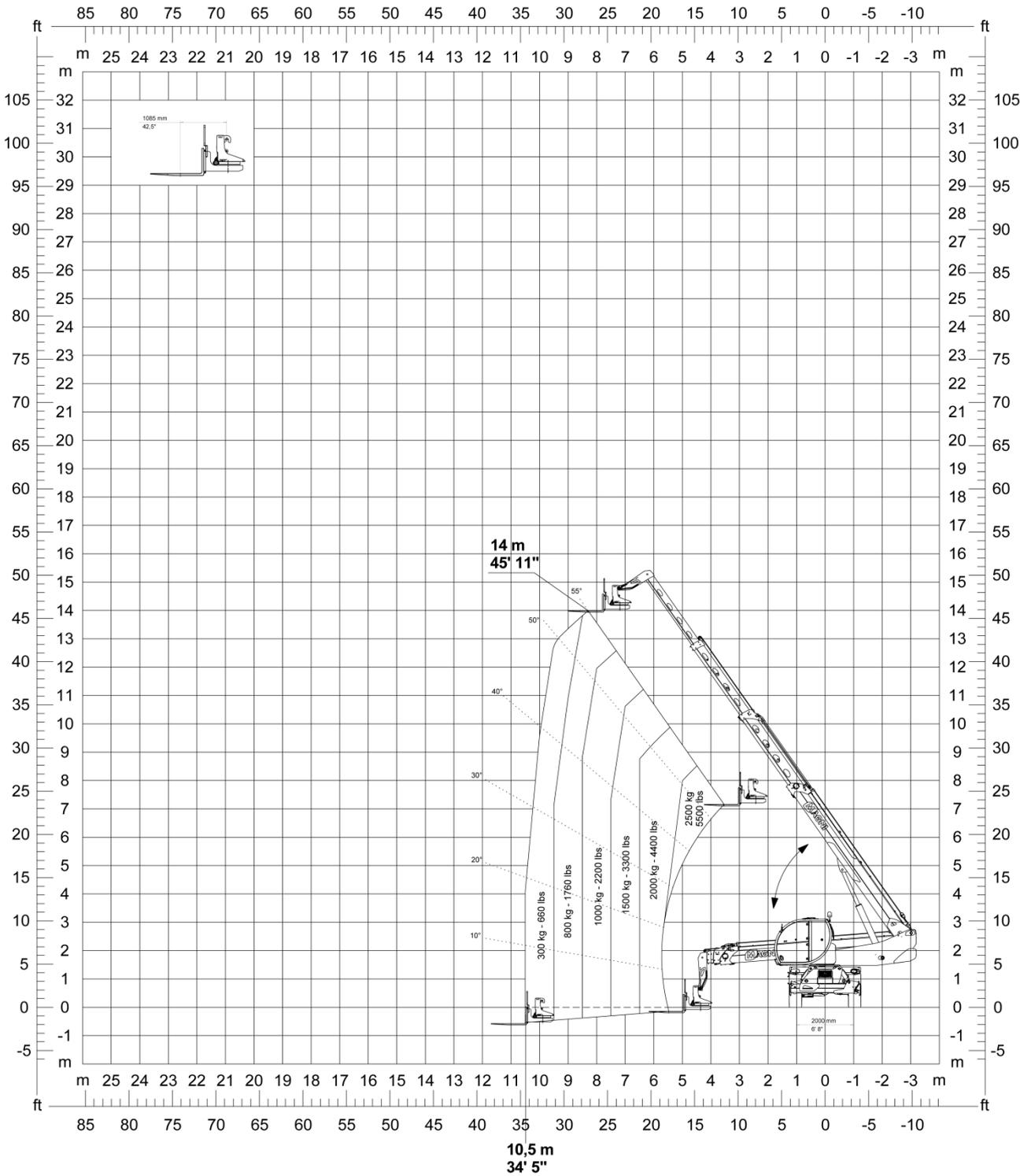


Vehicle	Configuration	Turret rotation
RTH 7.26	Tyres	0°

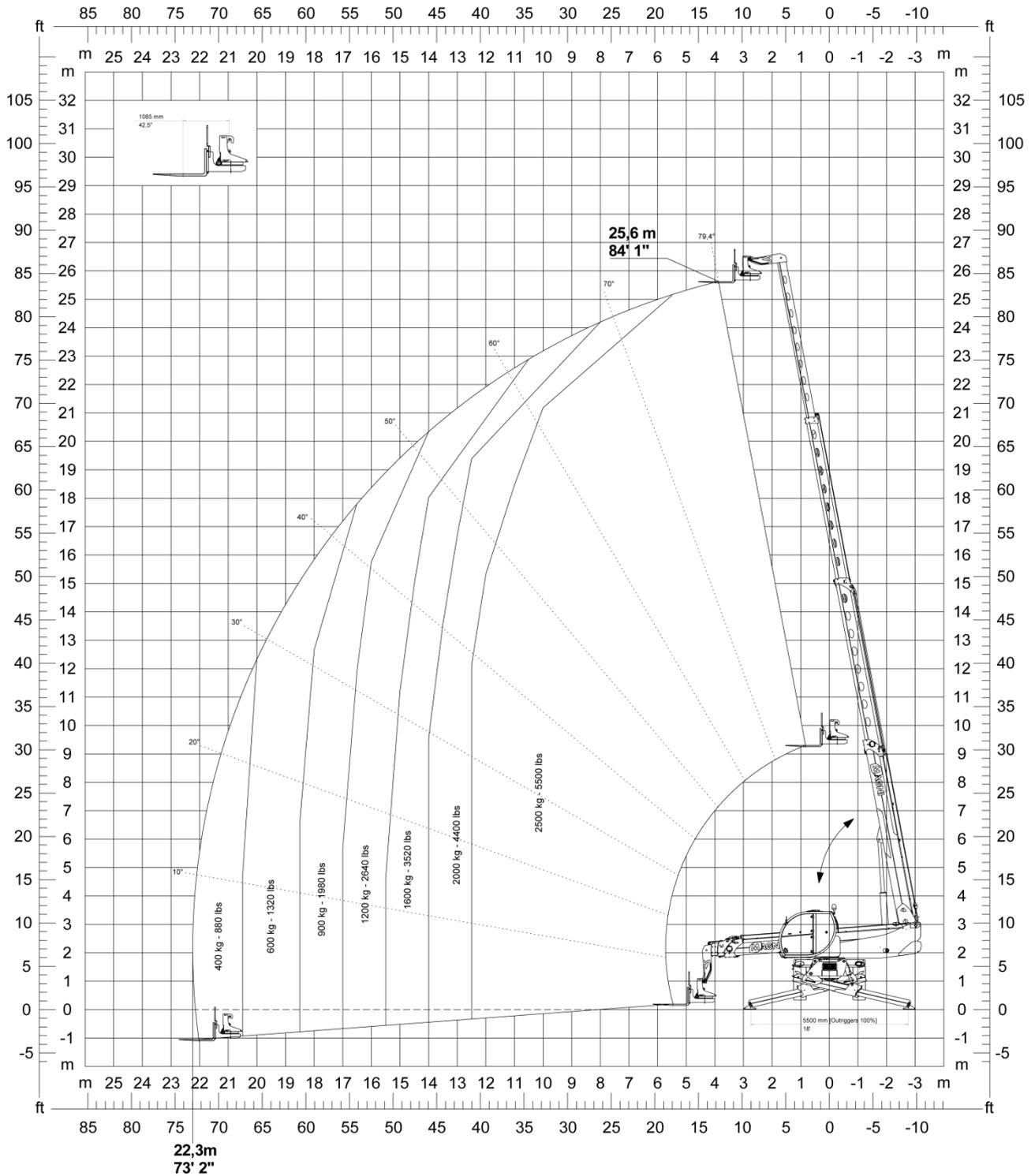




Vehicle	Configuration	Turret rotation
RTH 7.26	Tyres	360°

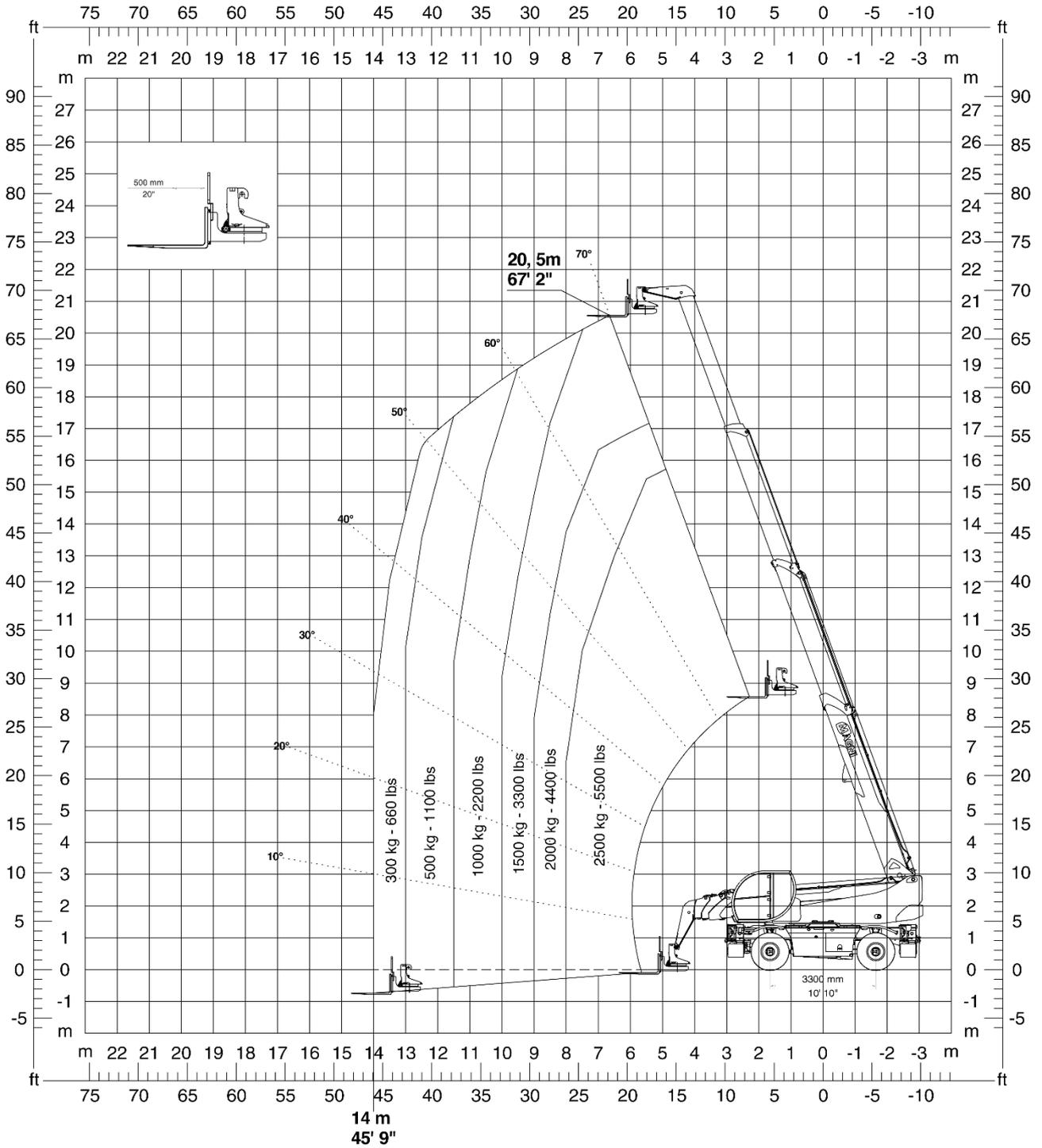


Vehicle	Configuration	Turret rotation
RTH 7.26	Stabilised → Condition 3	360°

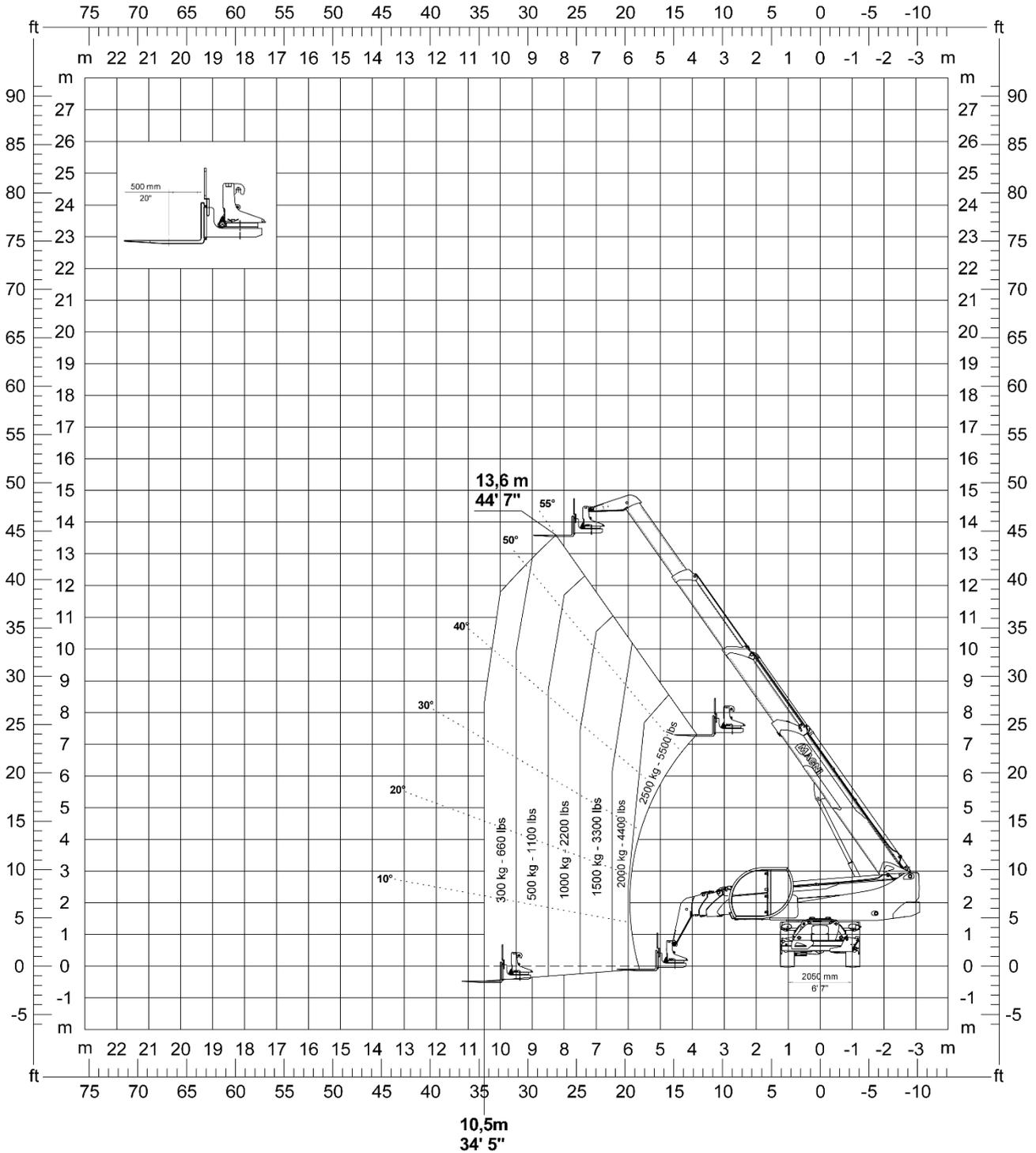




Vehicle	Configuration	Turret rotation
RTH 8.25 SH RTH 8.25	Tyres	0°

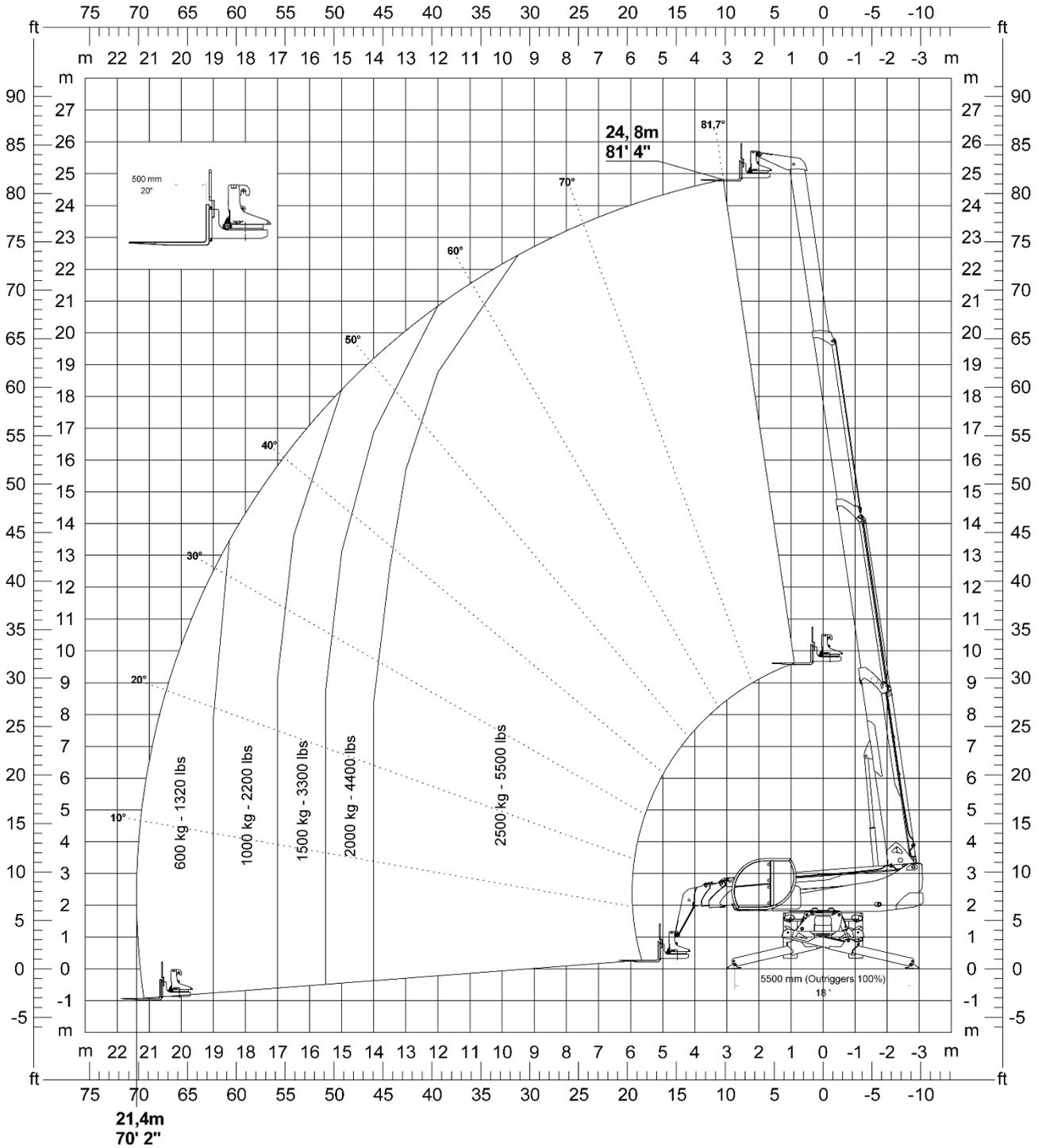


Vehicle	Configuration	Turret rotation
RTH 8.25 SH RTH 8.25	Tyres	360°

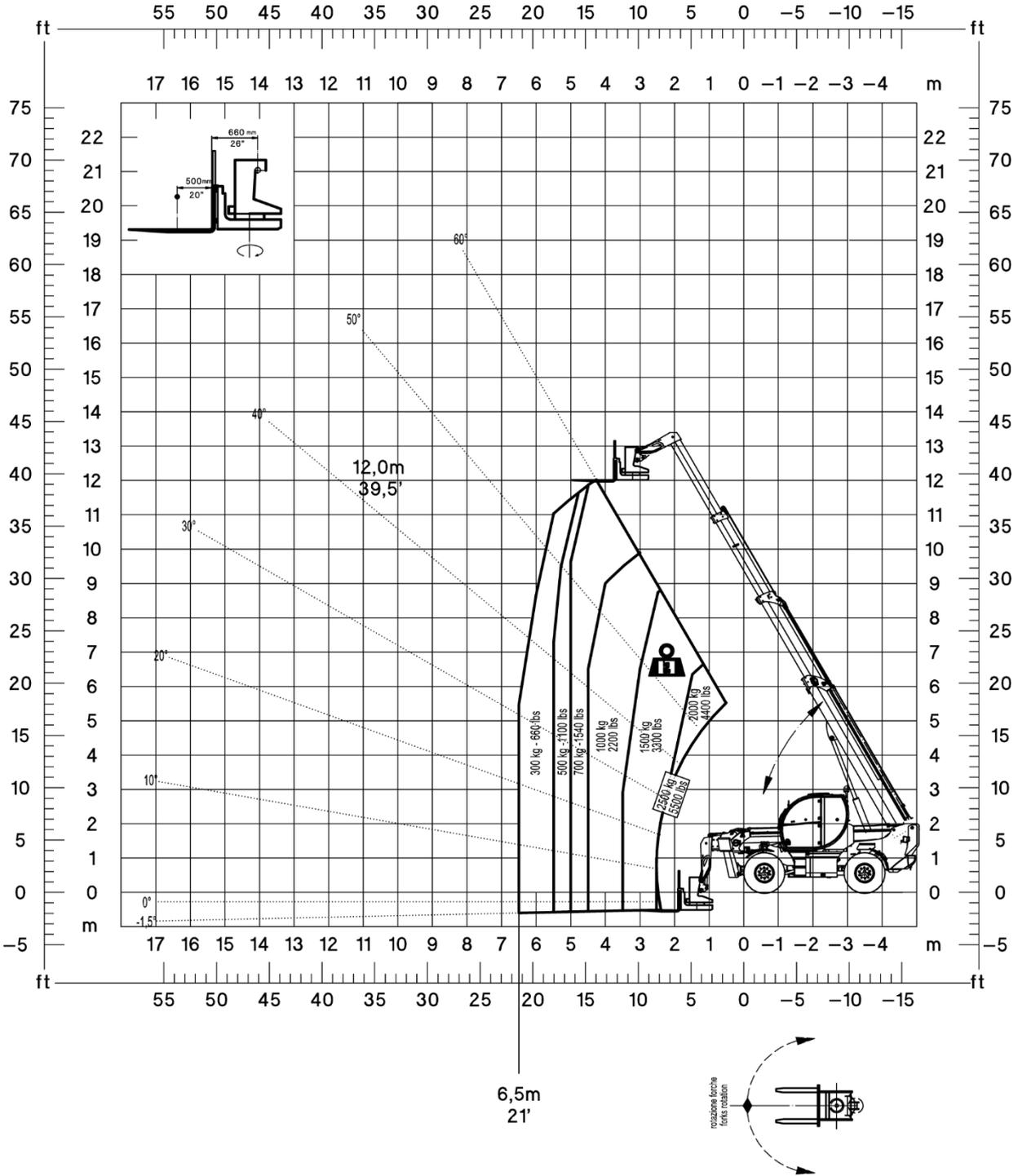




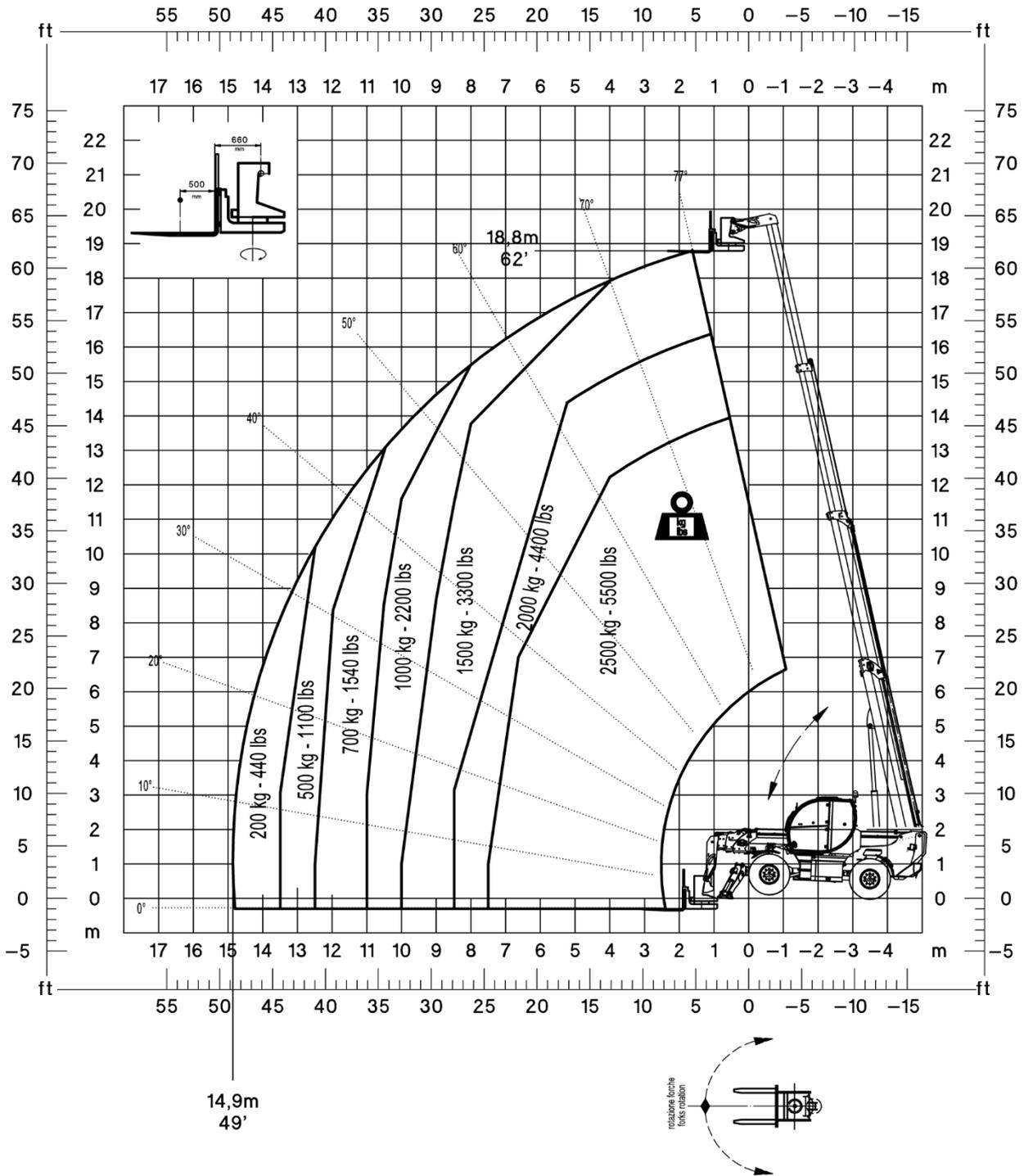
Vehicle	Configuration	Turret rotation
RTH 8.25 SH RTH 8.25	Stabilised → Condition 3	360°



Vehicle	Configuration	Turret rotation
TH 6.20	Tyres	-



Vehicle	Configuration	Turret rotation
TH 6.20	Stabilised → Condition 3	-



***Maintenance
and relative maintenance register.***

Notes regarding safety

- ✓ The routine maintenance operations can be performed by the operator in charge of using the forks after carefully reading this use and maintenance manual;
- ✓ Emergency maintenance operations can only be performed by an operator in charge of maintenance, after reading this Use and Maintenance Manual carefully;
- ✓ During maintenance operations, the accessory must be disconnected from the vehicle and placed on a flat surface;
- ✓ During maintenance operations, make sure there is no unauthorised personnel in the area concerned with the operations;
- ✓ Always use appropriate personal protective equipment for accident-prevention purposes during maintenance operations.

Preliminary checks to be carried out on the fork attachment plate before use

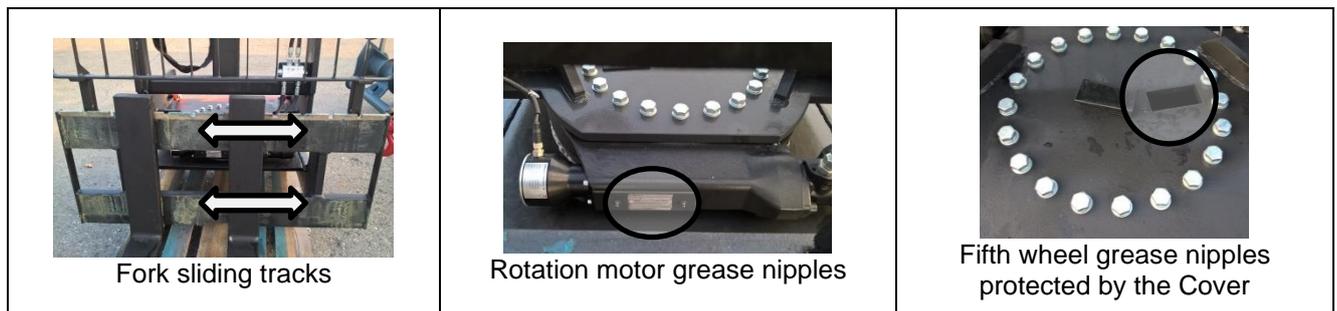
- ✓ At the end of each maintenance operation, before starting work with the accessory, make sure tools or foreign materials have not been left on it;
- ✓ **The operator using the forks must visually inspect their condition and their connection to the forklift truck before use.**

Lubrication

Periodic lubrication is necessary to protect the fork carriage plate from rust and wear, in order to ensure high level of service over time.

- ✓ a generic worker can carry out lubrication of the fork carriage plate;
- ✓ clean the grease nipples on the slewing ring bearing carefully before injecting the grease and then wipe the excess grease;
- ✓ do not use too much grease to prevent a build-up of dirt.

Visually inspect the state of lubrication of the fork attachment plate before each use. If there is a lack of grease, the layer must be restored as described below:



Prolonged shutdown of the accessory

If the fork carriage plate is to remain unused for long periods of time, adopt the following measures:

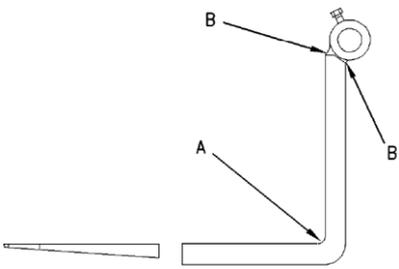
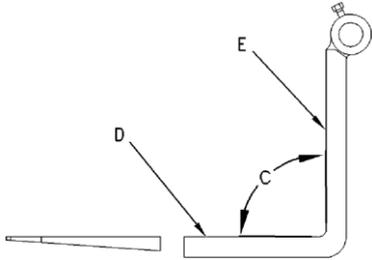
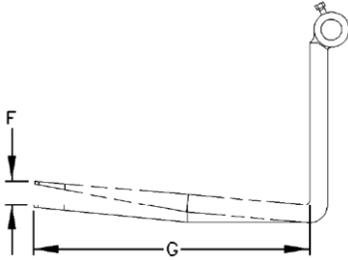
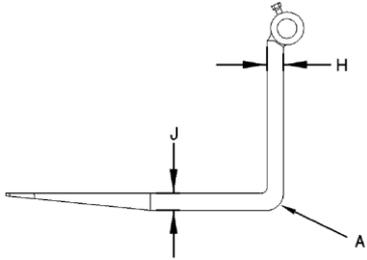
- ✓ clean all parts thoroughly and touch up any scratches on the paint;
- ✓ coat the fork support bar with a layer of protective grease;
- ✓ place the accessory on a flat surface and protect it from atmospheric agents with a waterproof cover.

Putting the accessory into service after prolonged disuse

Before resuming work after a long shutdown:

- ✓ remove any excess grease before storage;
- ✓ clean the accessory thoroughly;
- ✓ check that the forks can move freely on the shaft;
- ✓ make a series of movements with the accessory after connecting it to the vehicle.

Annual inspection

<p>Inspect the forks for fractures. Pay particular attention to zones A and B. If there are any defects, replace the forks.</p>	
<p>Check the angle between the upper face of the fork D and the front face E. Replace the forks if the angle C exceeds 93°. Use a straight block to check that the surfaces D and E are straight. Replace the forks if the deviation of one of the two surfaces is more than 0.5% of the length.</p>	
<p>Measure the difference in height between the tips of the two forks mounted on the plate. An excessive difference in height can cause problems when inserting the forks under the load, and can cause excessive instability too. The maximum difference in height permitted is 3% of the nominal length of the forks. If the difference in height is higher, both forks must be replaced.</p>	
<p>Measure the thickness of the forks at blade J and shank H. Replace the forks if the thickness at any point is less than 90% of the original thickness.</p>	

Delivering the accessory to the customer

Type	
Serial no.	
Year of manufacture	

for which the Inspection Register is being handed over by:

Magni Telescopic Handlers S.r.l.

Via Magellano, 22

41013 - Castelfranco Emilia (MO) - Italy

Tel +39-059-8630811 - Fax +39-059-8638012

by Mr. _____

to the company	represented by Mr.
----------------	--------------------

Dealer's Company Name: _____

Street _____

Postcode/City/Town _____ province _____

according to the conditions defined in the contract, with the technical, dimensional and functional features specified in the enclosed Use and Maintenance Manual.

on

the Dealer

for the Customer/Buyer

Registration of change of ownership 1

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 2

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 3

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 4

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 5

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 6

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 7

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 8

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer

Registration of change of ownership 9

on _____

The ownership of the vehicle identified in this Register has been transferred to:

Company _____ represented by Mr. _____

Street/No. _____

Post code/City/Town _____ Province _____

It is hereby declared that, at the time of preparation of this document, the technical, dimensional and functional features of the vehicle described in this Register are in line with those indicated at the beginning by the Manufacturer and that changes, if any, have been recorded.

Furthermore, we declare that the transfer has been reported to the relevant Bodies (local INAIL).

The Dealer

The Buyer
