

# HEAVY DUTY TELESCOPIC HANDLERS

**BTH SERIES**



COMFORTABLE &  
ERGONOMIC CABIN



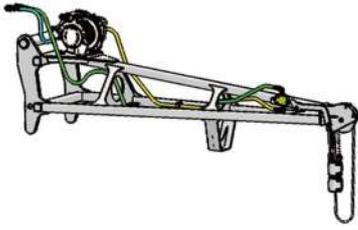
RELIABLE PERFORMANCE  
IN ANY TERRAIN



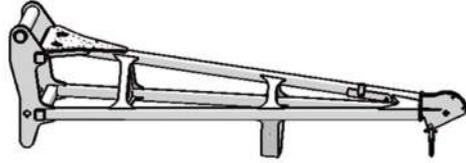
EASY MAINTENANCE &  
HIGH EFFICIENCY

**3.5-5**  
TON

**BOMAC Heavy Duty Telescopic Handlers** - BTH Series is designed to provide maximum performance and high efficiency in various working conditions. With a large lifting capacity and high stability, it ensures safe and precise lifting thanks to its sturdy structure and powerful hydraulic system. Its wide telescopic reach allows easy access to high and far areas, while the ergonomic cabin provides optimal comfort and visibility for the operator.



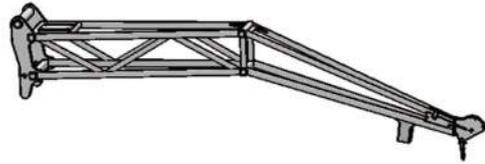
STRAIGHT CRANE JIB WITH WINCH



STRAIGHT CRANE JIB



ANGLE CRANE JIB WITH WINCH



ANGLE CRANE JIB



## MAIN PERFORMANCE TABLE OF TELESCOPIC HANDLERS

Model		Max. Load capacity (kg)	Max. Forward reach (m)	Lift capacity at max. reach (kg)	Max. Lift height (m)	Lift capacity at max. height (kg)	No. of booms	Max. Speed (km/h)
BTH35-09-BTQ/BTQ1/CU/CU1		3500	5.1	1000	9	2750	2	35
BTH35-13-BTQ/BTQ1/CU/CU1		3500	8.8	250	12.5	2000	3	35
BTH35-13-BTQS/BTQ1S/CUS/CU1S	With stabilizers extended	3500	8.8	1250	12.8	3000	3	35
	With stabilizers retracted	3500	8.8	250	12.5	2000	3	35
BTH35-17-BTQS/BTQ1S/CUS/CU1S	With stabilizers extended	3500	13	550	17	2000	4	35
	With stabilizers retracted	3500	8.7	100	16	750	4	35
BTH40-09-BTQ/BTQ1/CU/CU1		4000	5.1	1000	9	3000	2	35
BTH40-13-BTQ/BTQ1/CU/CU1		4000	8.8	400	12.5	2500	3	35
BTH40-13-BTQS/BTQ1S/CUS/CU1S	With stabilizers extended	4000	8.8	1500	12.8	3500	3	35
	With stabilizers retracted	4000	8.8	400	12.5	2500	3	35
BTH40-17-BTQS/BTQ1S/CUS/CU1S	With stabilizers extended	4000	13	700	17	2500	4	35
	With stabilizers retracted	4000	8.7	250	16	1000	4	35
BTH50-09-BTQ/BTQ1/CU/CU1		5000	5.1	2000	9	4000	2	35
BTH50-13-BTQ/BTQ1/CU/CU1		5000	8.8	800	12.5	3000	3	35
BTH50-13-BTQS/BTQ1S/CUS/CU1S	With stabilizers extended	5000	8.8	2500	12.8	4000	3	35
	With stabilizers retracted	5000	8.8	800	12.5	3000	3	35
BTH50-17-BTQS/BTQ1S/CUS/CU1S	With stabilizers extended	5000	13	1000	17	3000	4	35
	With stabilizers retracted	5000	8.7	350	16	1500	4	35

## OPTIONAL FORK

Category	Cross Section	Tonnage	Length	
	Width x Thickness		Inches	mm
Hook Fork Class III – Type A	125x50	3.5	39	1000
			42	1070
			43	1100
			47	1200
			48	1220
			54	1370
			60	1520
			66	1670
			72	1820
	78	1970		
	150x50	4.5	42	1070
			47	1200
			48	1220
			54	1370
			60	1520
			66	1670
			72	1820
			78	1970

## STANDARD EQUIPMENT

Hydrostatic drive train system, 4WD, high traction and efficiency, automatic drive and anti stall control (DA control), power distributed between implement and drive train system.
Flow sharing (LUDV) control implement system, parallel movement and electrical proportional control, realizing operation stably.
Multifunctional joystick, which controls the driving of vehicle, cargo loading/unloading and fork leveling.
Optional engine: BOMAC engine (National III/IV emission standard).
Three steering modes: 2WS: two-wheel steering. 4WS-A: four-wheel steering (turn). 4WS-B: four-wheel steering (crab).
Real-time display of load and torque.
Automatic emergency stop when overload.
Automatic leveling of fork.
Operator detecting safety function.
FOPS & ROPS structure cab.

## ENGINE

Manufacturer	BOMAC Engine				CUMMINS	CUMMINS
<b>Model</b>	TQ4J1-C31120	TQS45-C43120	TQ4J1-C32140	TQS45-C41140	QSB3.9-C130-30	F3.8
<b>Rated Power/Speed</b>	88.5Kw/2200rpm	88.2Kw/2200rpm	103Kw/2200rpm	103Kw/2200rpm	97Kw/2300rpm/min	100Kw/2200rpm
<b>Max. Torque/speed</b>	510Nm/1320-1650rpm	520Nm/1320-1650rpm	600Nm/1320-1650rpm	600Nm/1320-1650rpm	520Nm/1600rpm	550Nm/1500rpm
<b>Total Displacement</b>	4.3L	4.3L	4.3L	4.3L	3.9L	3.8L
<b>No. of cylinders</b>	4	4	4	4	4	4
<b>Low idle</b>	950rpm	950rpm	950rpm	950rpm	950rpm	950rpm
<b>Adapter Models</b>	BTH35-09-BTQ BTH35-13-BTQ BTH35-13-BTQS BTH35-17-BTQS BTH40-09-BTQ BTH40-13-BTQ BTH40-13-BTQS BTH40-17-BTQS	BTH35-09-BTQ1 BTH35-13-BTQ1 BTH35-13-BTQ1S BTH35-17-BTQ1S BTH40-09-BTQ1 BTH40-13-BTQ1 BTH40-13-BTQ1S BTH40-17-BTQ1S	BTH50-09-BTQ BTH50-13-BTQ BTH50-13-BTQS BTH50-17-BTQS	BTH50-09-BTQ BTH50-13-BTQ BTH50-13-BTQS BTH50-17-BTQS	BTH35-09-CU BTH35-13-CU BTH35-13-CUS BTH35-17-CUS BTH40-09-CU BTH40-13-CU BTH40-13-CUS BTH40-17-CUS BTH50-09-CU BTH50-13-CU BTH50-13-CUS BTH50-17-CUS	BTH35-09-CU1 BTH35-13-CU1 BTH35-13-CU1S BTH35-17-CU1S BTH40-09-CU1 BTH40-13-CU1 BTH40-13-CU1S BTH40-17-CU1S BTH40-17-CU1S BTH50-09-CU1 BTH50-13-CU1 BTH50-13-CU1S BTH50-17-CU1S

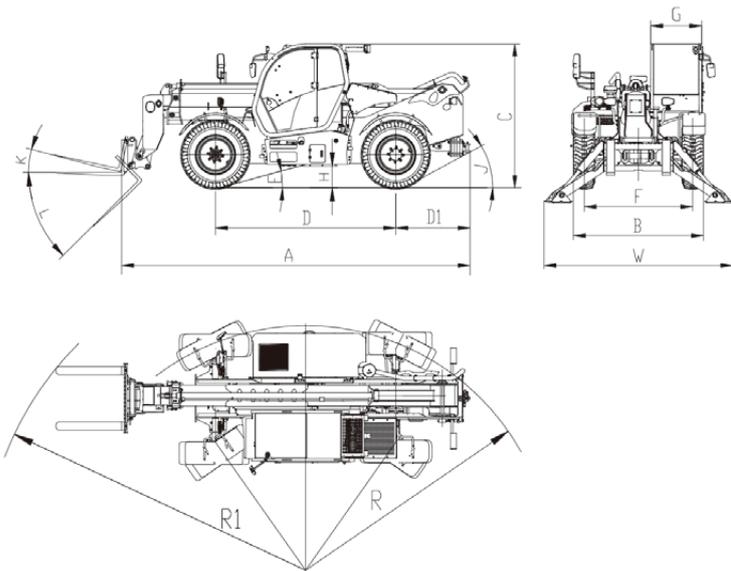
# BTH35-09-BTQ/BTQ1/CU/CU1

Max. load capacity: 3500kg  
 Max. forward reach: 5.1m  
 Max. lift height: 9m

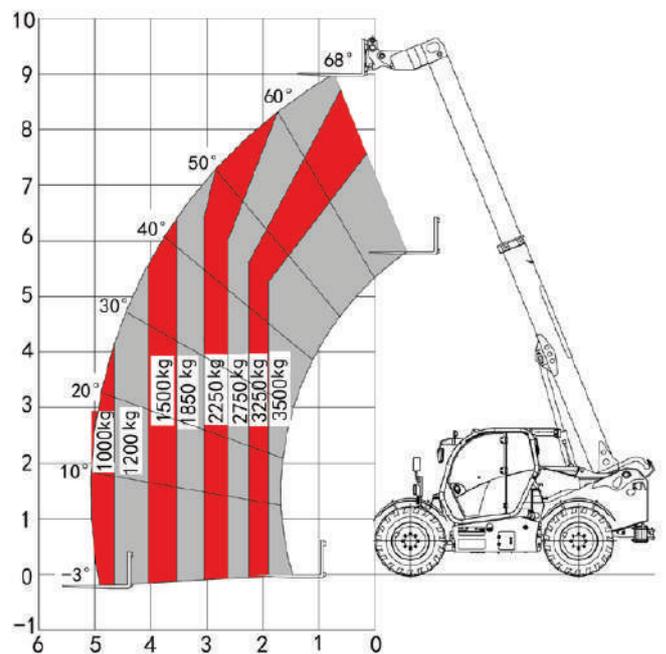
Dimension			
A	Overall length	mm	6285
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
F	Front track	mm	1986
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

- Optional attachments**
- ..... Straight crane jib
  - ..... Straight crane jib with winch
  - ..... Angle crane jib
  - ..... Angle crane jib with winch
  - ..... Loading bucket

**BTH35-09-BTQ/BTQ1/CU/CU1 Dimension**



**BTH35-09-BTQ/BTQ1/CU/CU1 Lifting diagram**



## BTH35-13-BTQ/BTQ1/CU/CU1

Max. load capacity: 3500kg  
 Max. forward reach: 8.8m  
 Max. lift height: 12.5m

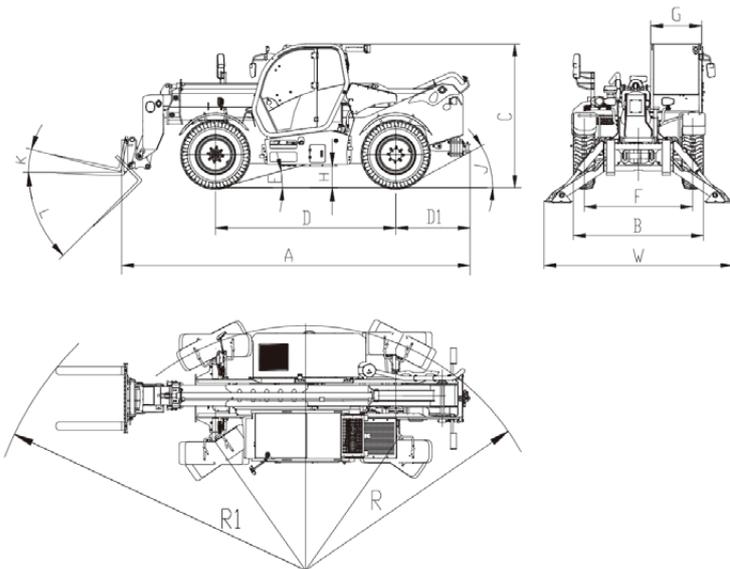
### Dimension

A	Overall length	mm	6435
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
F	Front track	mm	1986
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

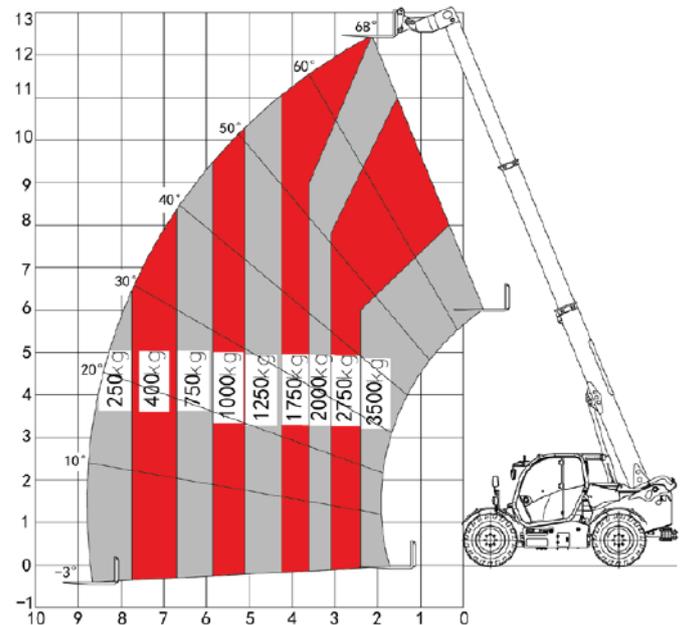
### Optional attachments

- ..... Straight crane jib
- ..... Straight crane jib with winch
- ..... Angle crane jib
- ..... Angle crane jib with winch
- ..... Loading bucket

BTH35-13-BTQ/BTQ1/CU/CU1 Dimension



BTH35-13-BTQ/BTQ1/CU/CU1 Lifting diagram



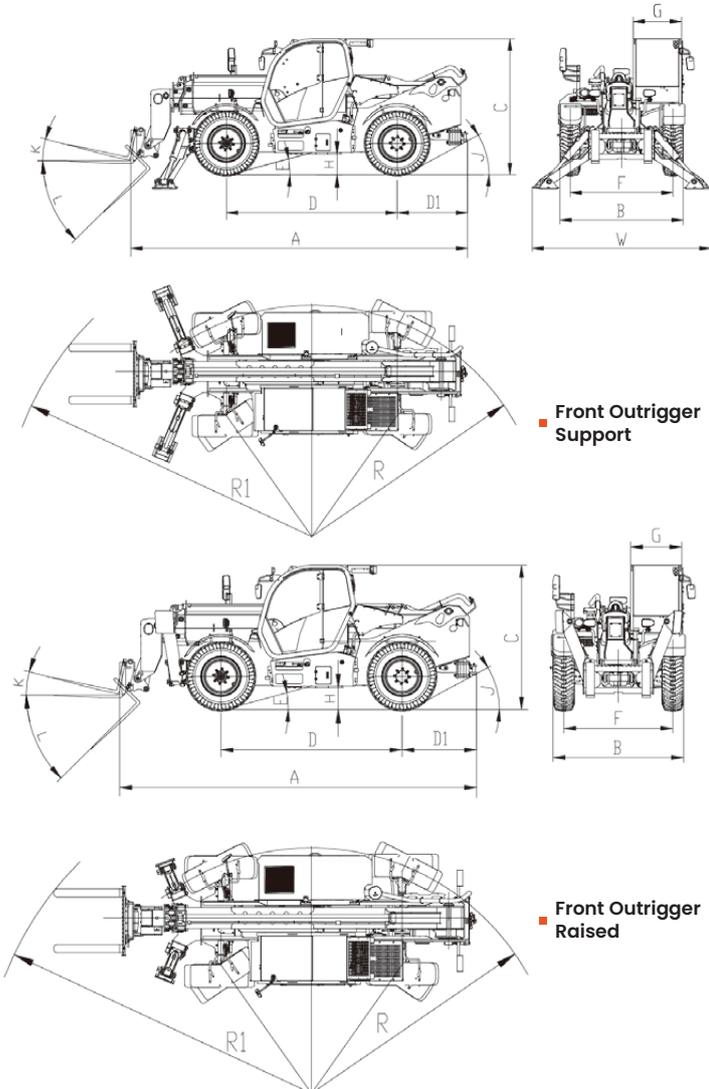
## BTH35-13-BTQS/BTQ1S/CUS/CU1S

Max. load capacity: 3500kg  
 Max. forward reach: 8.8m  
 Max. lift height: 12.8m

### Dimension

A	Overall length	mm	6435
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
F	Front track	mm	1986
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

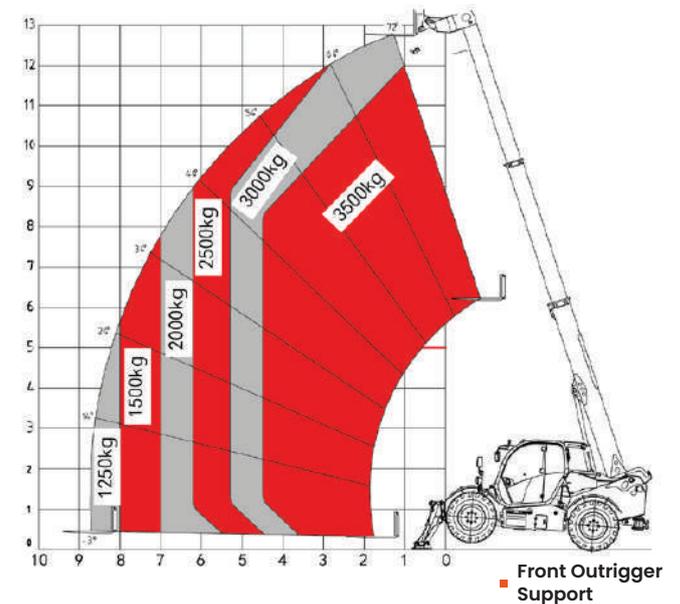
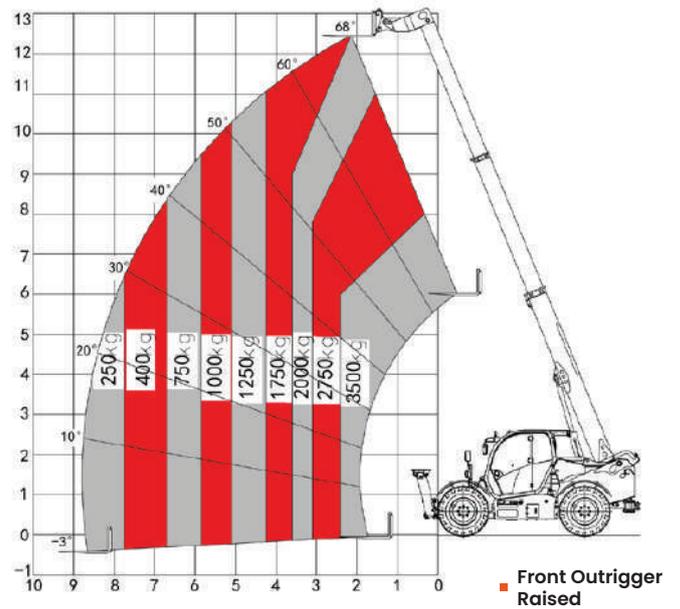
### Lifting diagram



### Optional attachments

- Straight crane jib
- Straight crane jib with winch
- Angle crane jib
- Angle crane jib with winch
- Loading bucket

### Dimension



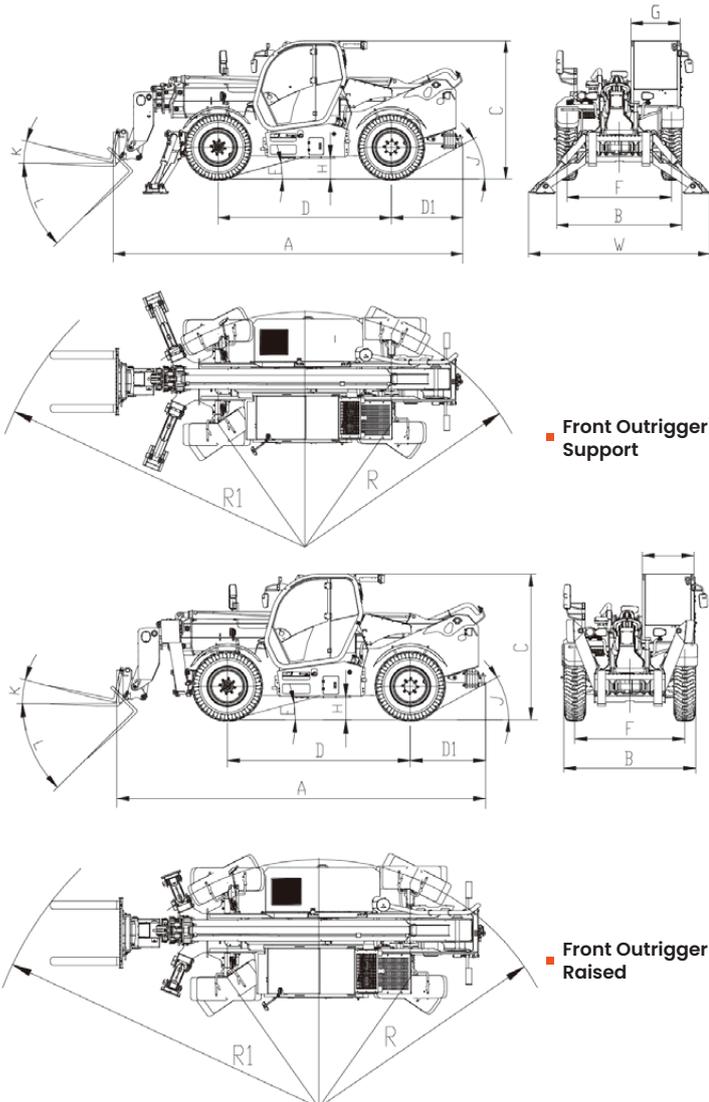
## BTH35-17-BTQS/BTQ1S/CUS/CU1S

Max. load capacity: 3500kg  
 Max. forward reach: 13m  
 Max. lift height: 17m

### Dimension

A	Overall length	mm	6535
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
F	Front track	mm	1986
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angel of fork	°	12
L	Tilt angel of fork	°	110
R	Turning radius	mm	4532

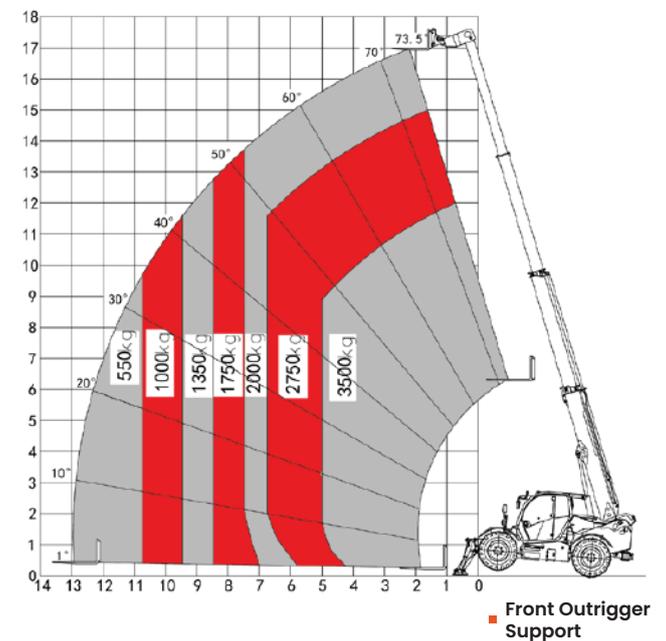
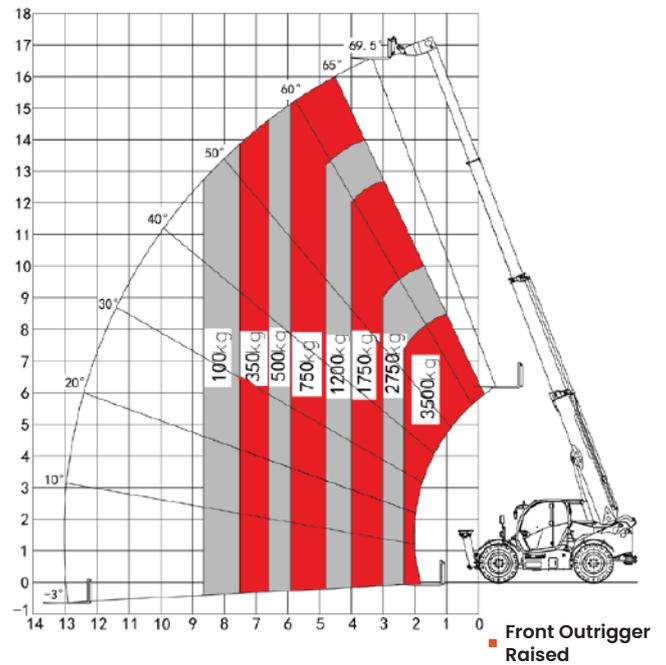
### Dimension



### Optional attachments

- Straight crane jib
- Straight crane jib with winch
- Angle crane jib
- Angle crane jib with winch
- Loading bucket

### Lifting diagram



# BTH40-09-BTQ/BTQ1/CU/CU1

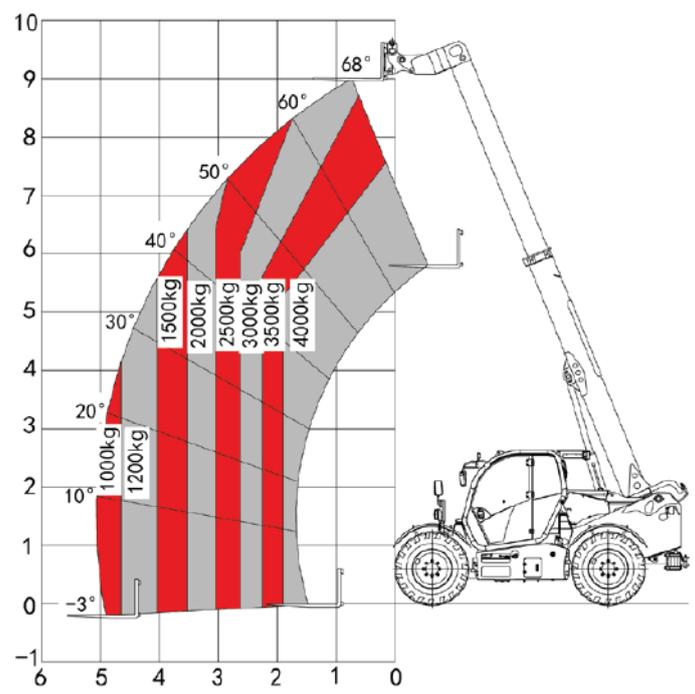
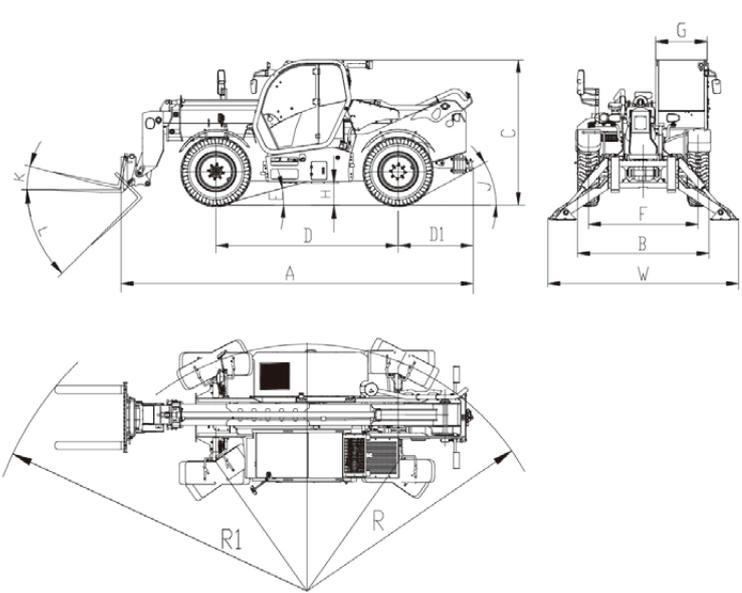
Max. load capacity: 4000kg  
 Max. forward reach: 5.1m  
 Max. lift height: 9m

Dimension			
A	Overall length	mm	6285
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
F	Front track	mm	1986
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

- Optional attachments**
- ..... Straight crane jib
  - ..... Straight crane jib with winch
  - ..... Angle crane jib
  - ..... Angle crane jib with winch
  - ..... Loading bucket

**Dimension**

**Lifting diagram**



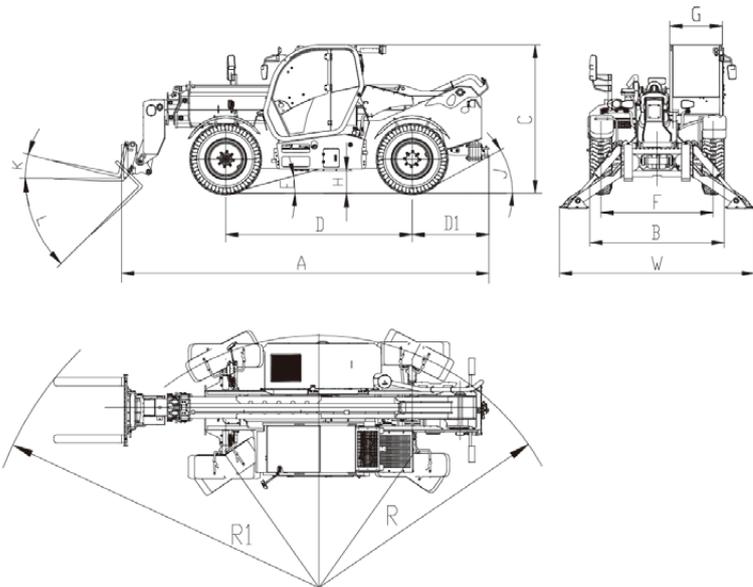
# BTH40-13-BTQ/BTQ1/CU/CU1

Max. load capacity: 4000kg  
 Max. forward reach: 8.8m  
 Max. lift height: 12.5m

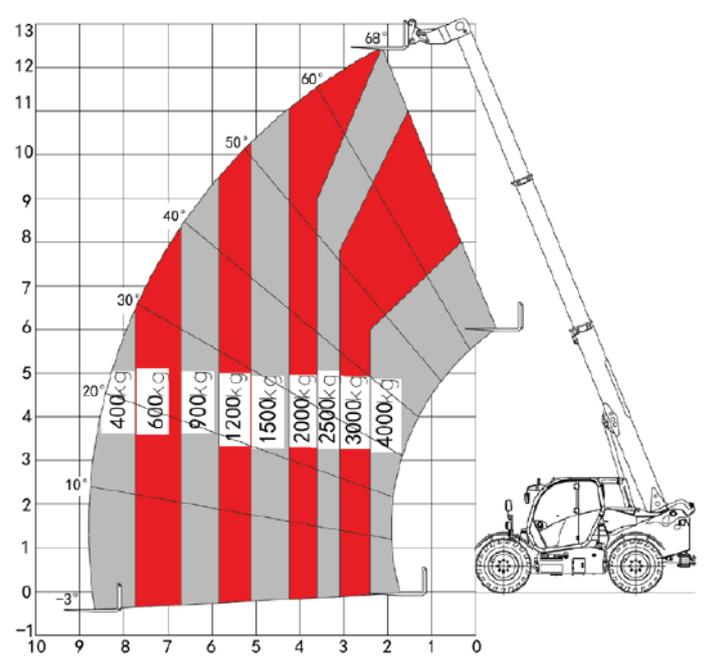
Dimension			
A	Overall length	mm	6435
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
F	Front track	mm	1986
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

- Optional attachments**
- Straight crane jib
  - Straight crane jib with winch
  - Angle crane jib
  - Angle crane jib with winch
  - Loading bucket

**Dimension**



**Lifting diagram**

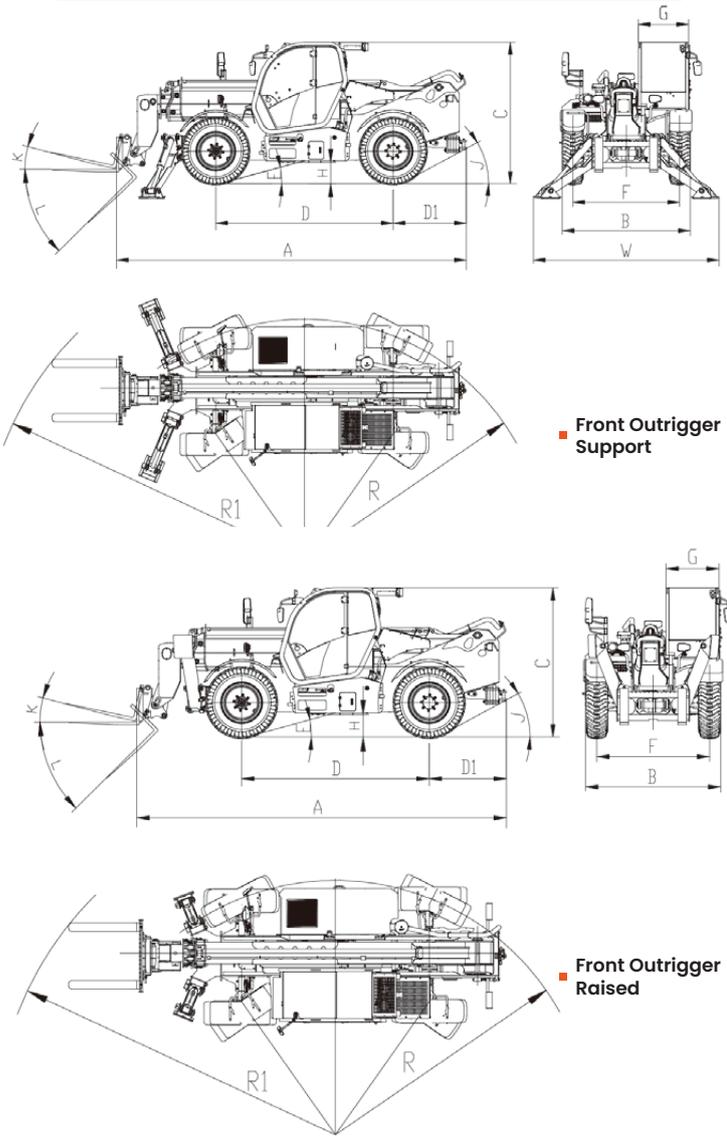


## BTH40-13-BTQS/BTQ1S/CUS/CU1S

Max. load capacity: 4000kg  
 Max. forward reach: 8.8m  
 Max. lift height: 12.8m

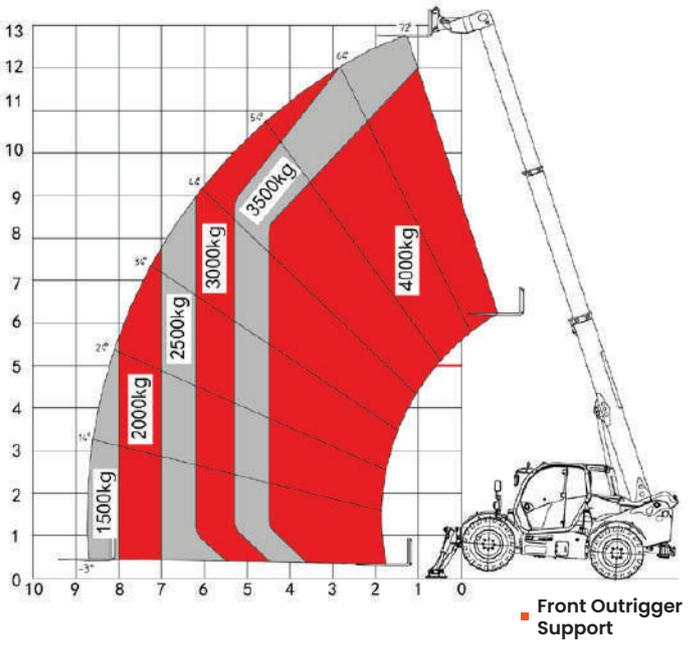
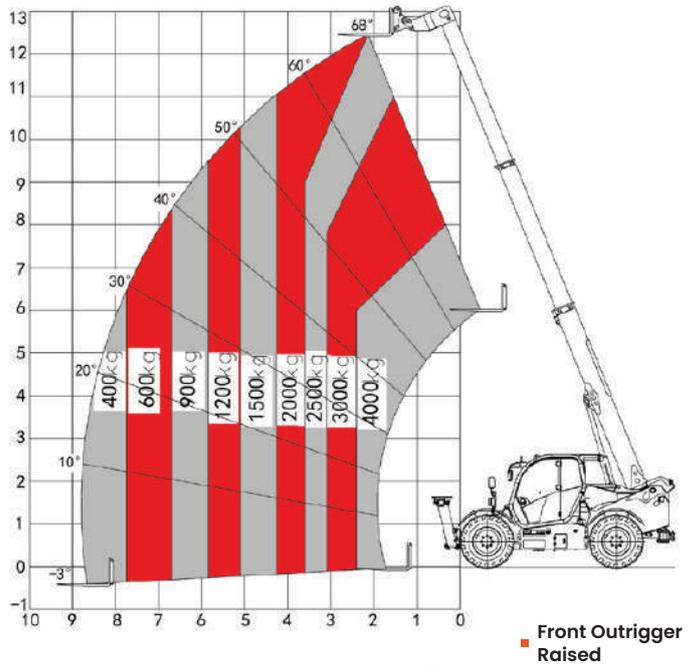
Dimension			
A	Overall length	mm	6435
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C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
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G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	29
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

### Dimension



- ### Optional attachments
- Straight crane jib
  - Straight crane jib with winch
  - Angle crane jib
  - Angle crane jib with winch
  - Loading bucket

### Lifting diagram



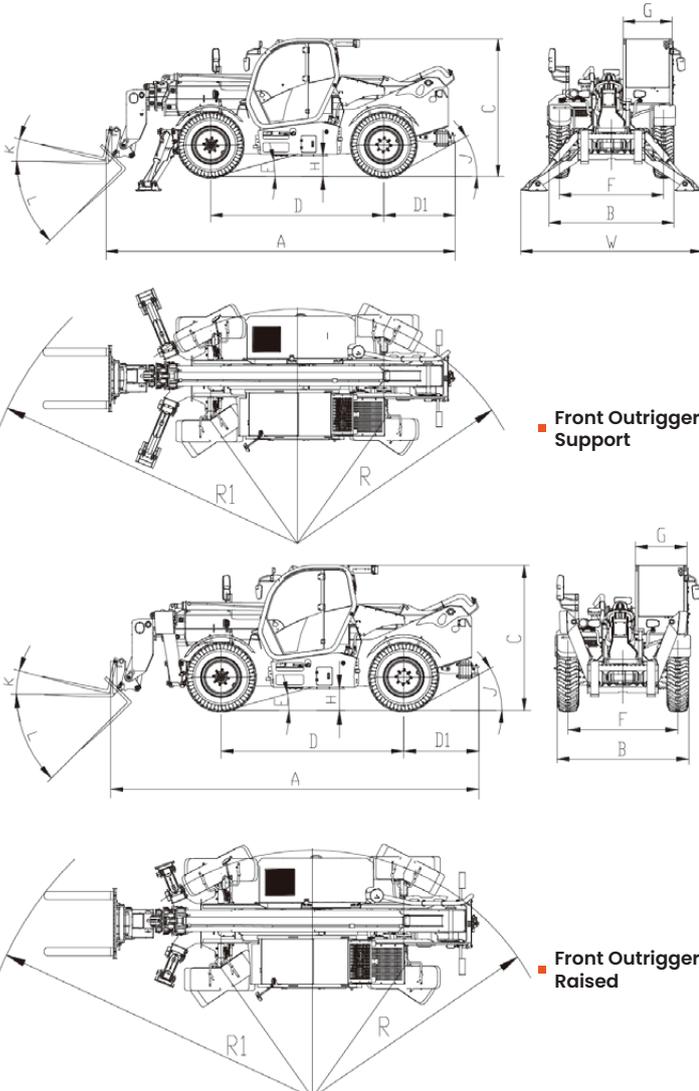
## BTH40-17-BTQS/BTQ1S/CUS/CU1S

Max. load capacity: 4000kg  
 Max. forward reach: 13m  
 Max. lift height: 17m

### Dimension

A	Overall length	mm	6535
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	360
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R	Turning radius	mm	4532

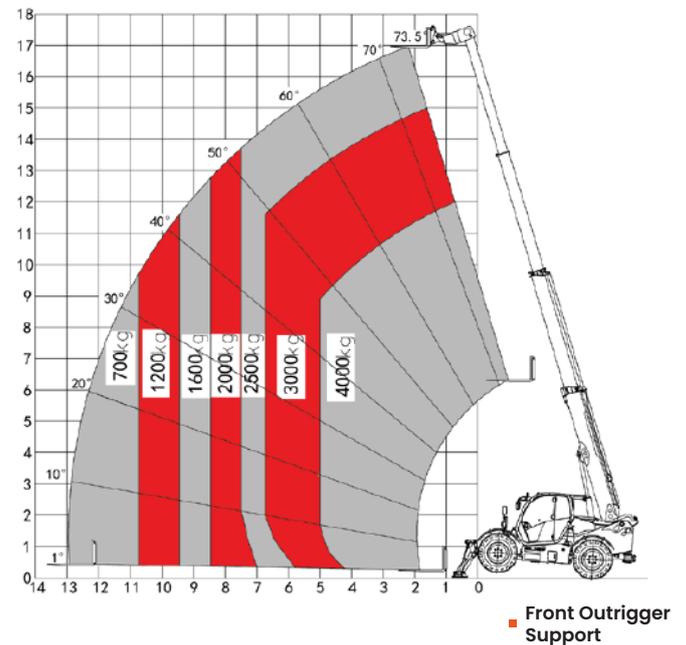
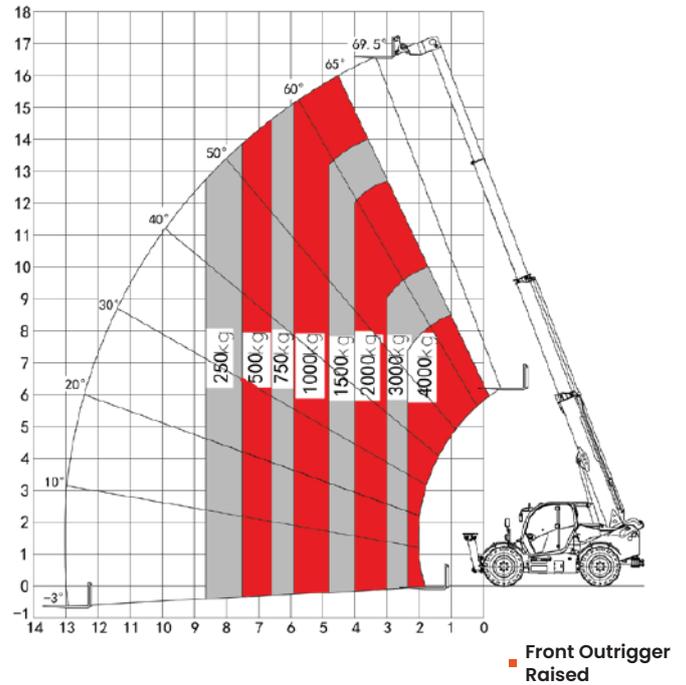
### Dimension



### Optional attachments

- Straight crane jib
- Straight crane jib with winch
- Angle crane jib
- Angle crane jib with winch
- Loading bucket

### Lifting diagram



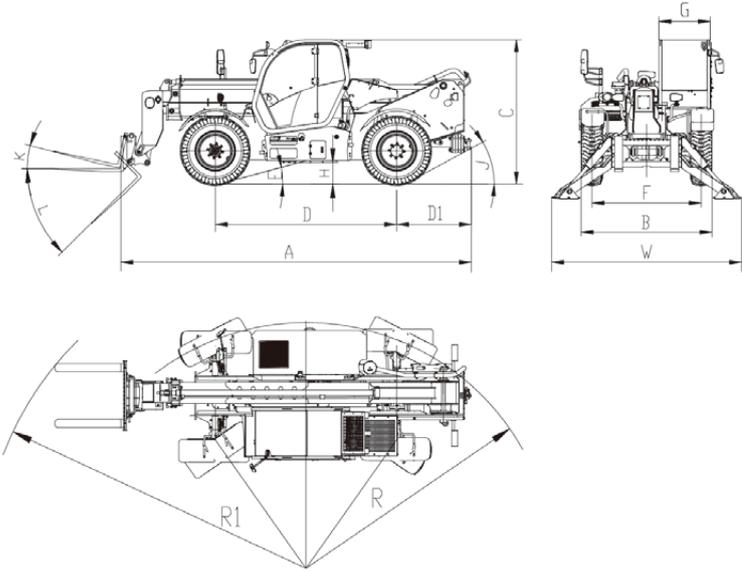
# BTH50-09-BTQ/BTQ1/CU/CU1

Max. load capacity: 5000kg  
 Max. forward reach: 5.1m  
 Max. lift height: 9m

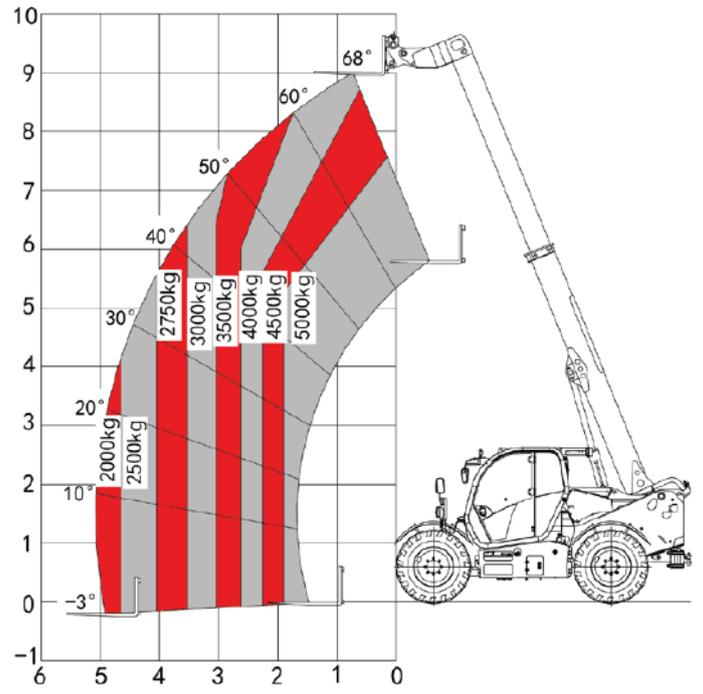
Dimension			
A	Overall length	mm	6285
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	400
F	Front track	mm	1958
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	32
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

- Optional attachments**
- ..... Straight crane jib
  - ..... Straight crane jib with winch
  - ..... Angle crane jib
  - ..... Angle crane jib with winch
  - ..... Loading bucket

**Dimension**



**Lifting diagram**



## BTH50-13-BTQ/BTQ1/CU/CU1

Max. load capacity: 5000kg  
 Max. forward reach: 8.8m  
 Max. lift height: 12.5m

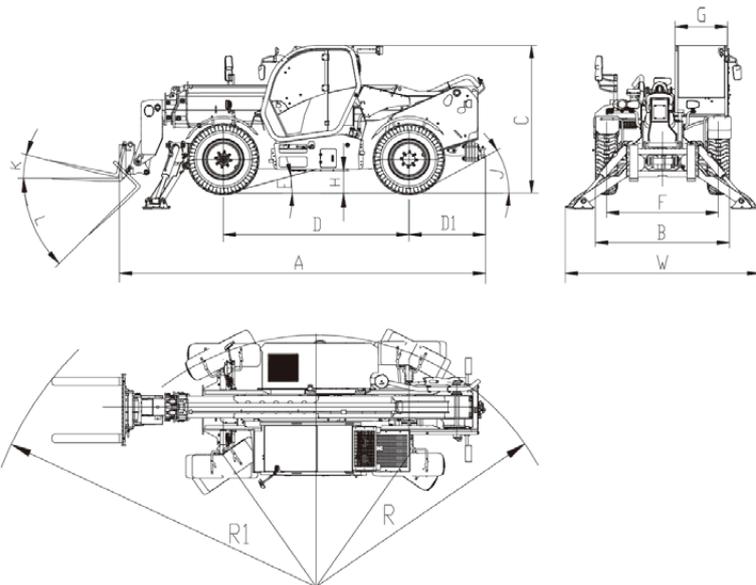
### Dimension

A	Overall length	mm	6435
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	400
F	Front track	mm	1958
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	32
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

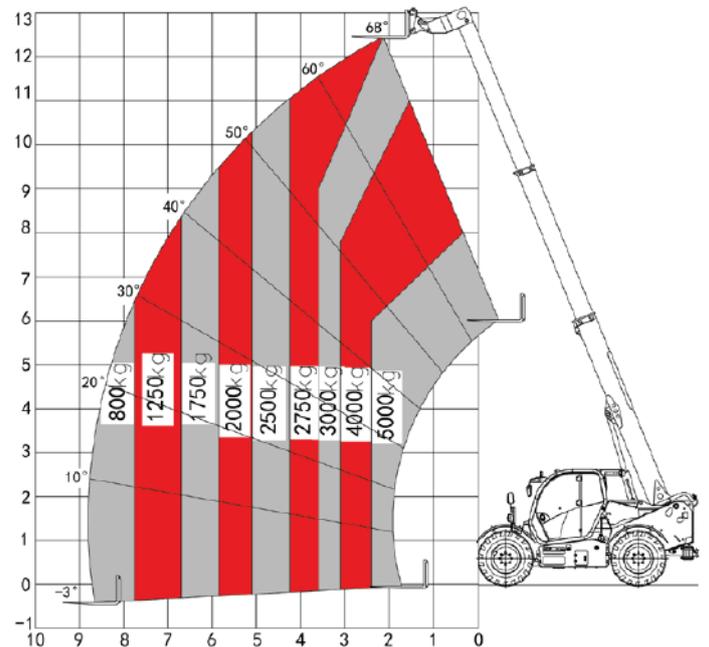
### Optional attachments

Straight crane jib  
 Straight crane jib with winch  
 Angle crane jib  
 Angle crane jib with winch  
 Loading bucket

### Dimension



### Lifting diagram

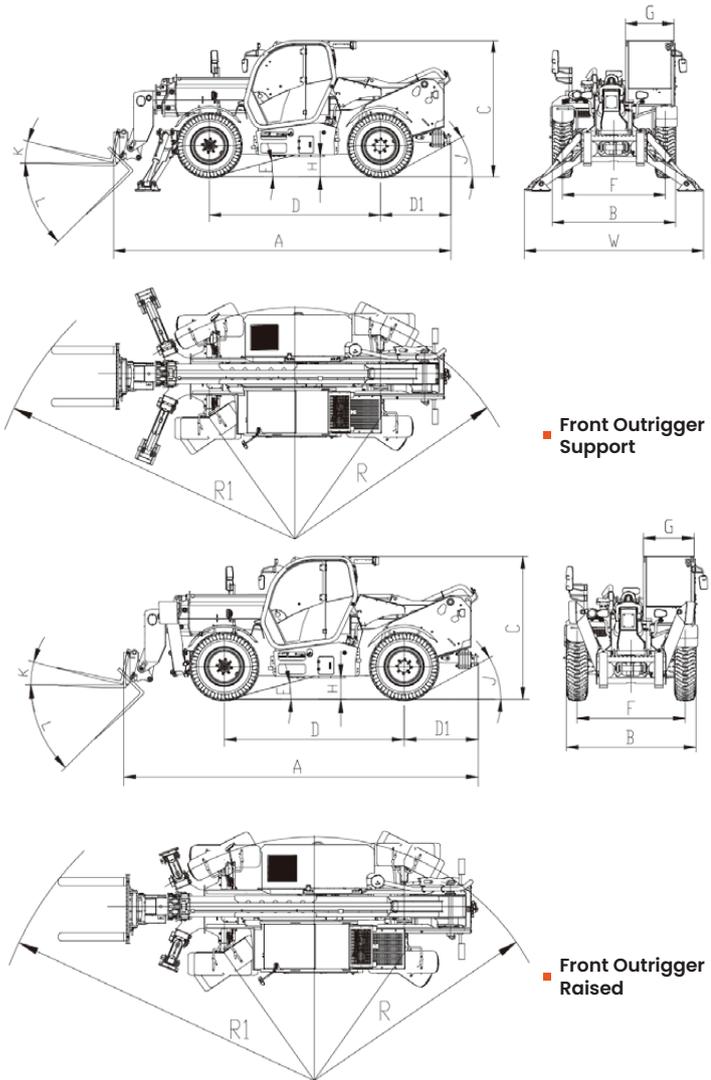


## BTH50-13-BTQS/BTQ1S/CUS/CU1S

Max. load capacity: 5000kg  
 Max. forward reach: 8.8m  
 Max. lift height: 12.8m

Dimension			
A	Overall length	mm	6435
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	400
F	Front track	mm	1958
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	32
K	Tilt angle of fork	°	12
L	Tilt angle of fork	°	110
R	Turning radius	mm	4532

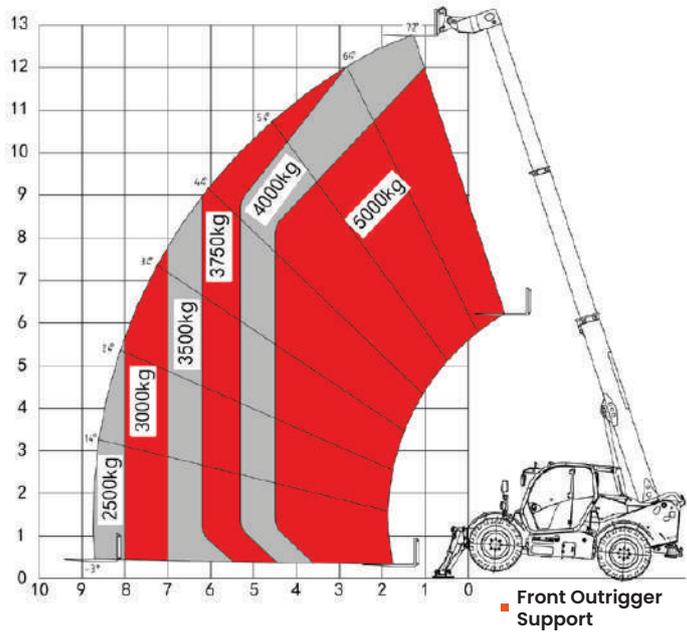
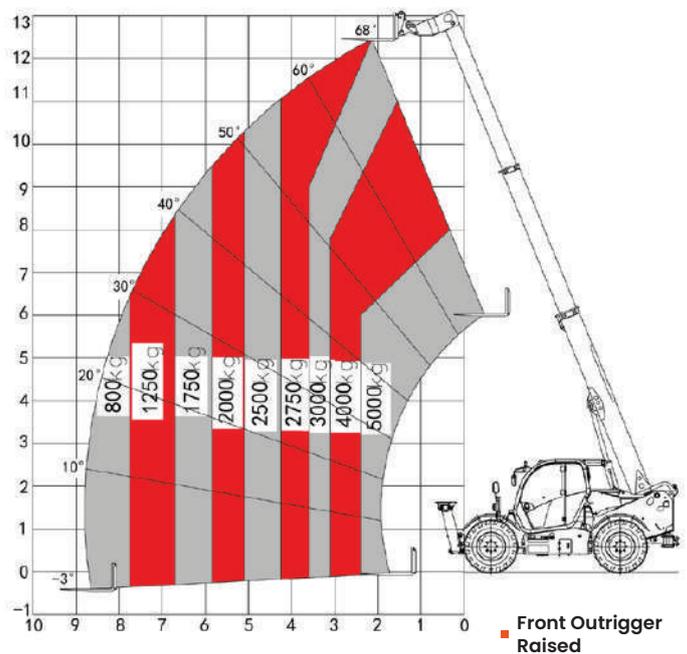
### Dimension



### Optional attachments

- Straight crane jib
- Straight crane jib with winch
- Angle crane jib
- Angle crane jib with winch
- Loading bucket

### Lifting diagram



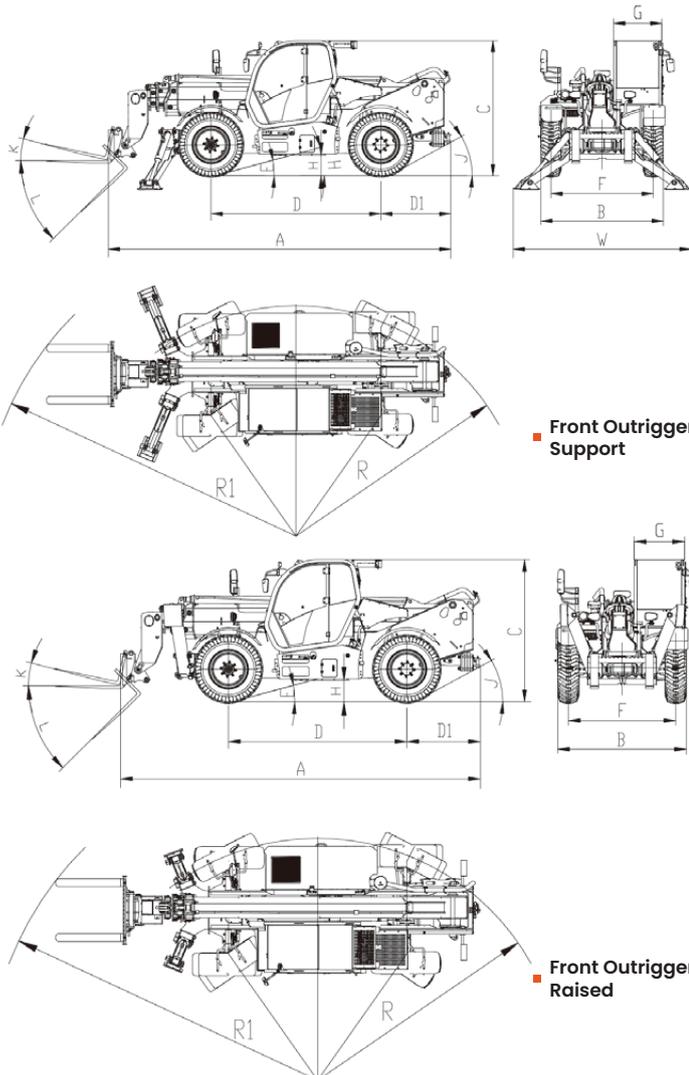
## BTH50-17-BTQS/BTQ1S/CUS/CU1S

Max. load capacity: 5000kg  
 Max. forward reach: 13m  
 Max. lift height: 17m

### Dimension

A	Overall length	mm	6535
B	Overall width	mm	2400
C	Overall height	mm	2660
D	Wheel base	mm	3300
E	Ground clearance	mm	400
F	Front track	mm	1958
G	Outside width of cab	mm	940
H	Vehicle passing angle	°	17
J	Vehicle departure angle	°	32
K	Tilt angel of fork	°	12
L	Tilt angel of fork	°	110
R	Turning radius	mm	4532

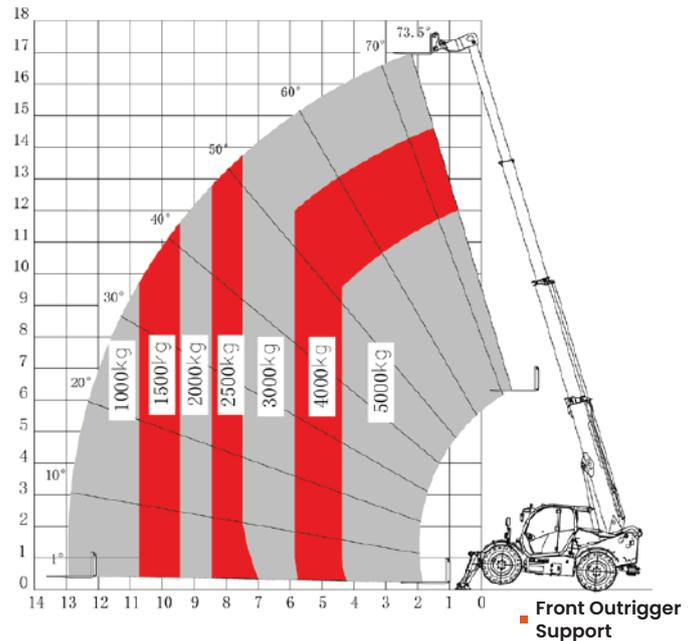
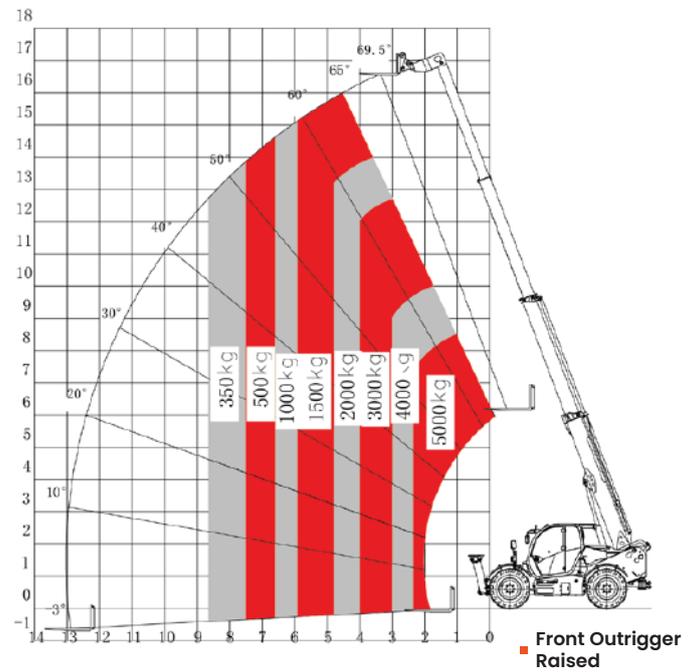
### Dimension



### Optional attachments

- Straight crane jib
- Straight crane jib with winch
- Angle crane jib
- Angle crane jib with winch
- Loading bucket

### Lifting diagram



# **BOMAC**

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