

mtandt

SINCE 1974

mift
BY MTANDT



SPIDER LIFT



Dil Se Seva

PRODUCT RANGE

A high-contrast, black and white graphic illustration of a spider lift. The lift is shown in a stylized, minimalist manner with white outlines on a black background. It features a central base with four legs extending outwards. One leg is extended upwards and slightly to the left, ending in a platform with a small rectangular window, representing the operator's basket. The overall composition is dynamic, with the lift angled across the frame. The text 'SPIDER LIFT' is prominently displayed in the center, following the angle of the lift's main body.

SPIDER LIFT

MLIFT
LE012T
SPIDER LIFT-CRAWLER



MLIFT

LEO12T

SPIDER LIFT-CRAWLER



LEO 12T

PERFORMANCE

Working height, max.	12.00 m
Platform height, max.	10.00 m
Horizontal outreach, max. (120 kg)	8.45 m
Platform capacity, max.	120 kg
Jib, movable	-
Turntable rotation, max.	220 °
Track drive, height- and width-adjustable	-
Gradeability, max.	8.5 ° / 15.0 %
Slope angle, max.	8.5 ° / 15.0 %
Travel speed, max.	1.2 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	0.90 m
Platform (width) (C)	0.80 m
Length (D)	4.75 m
Length without platform (E)	2.80 m
Height (F)	1.99 m
Width, min. (G)	1.76 m
Track (length x width) (H)	2.20 x 0.25 m

WEIGHT*

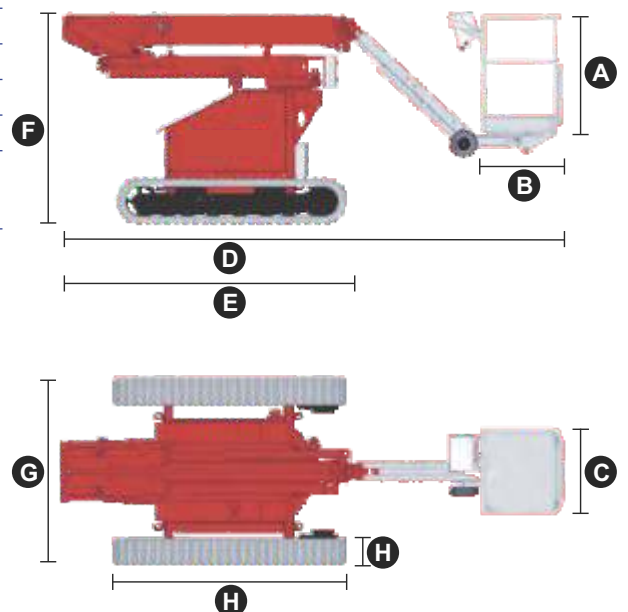
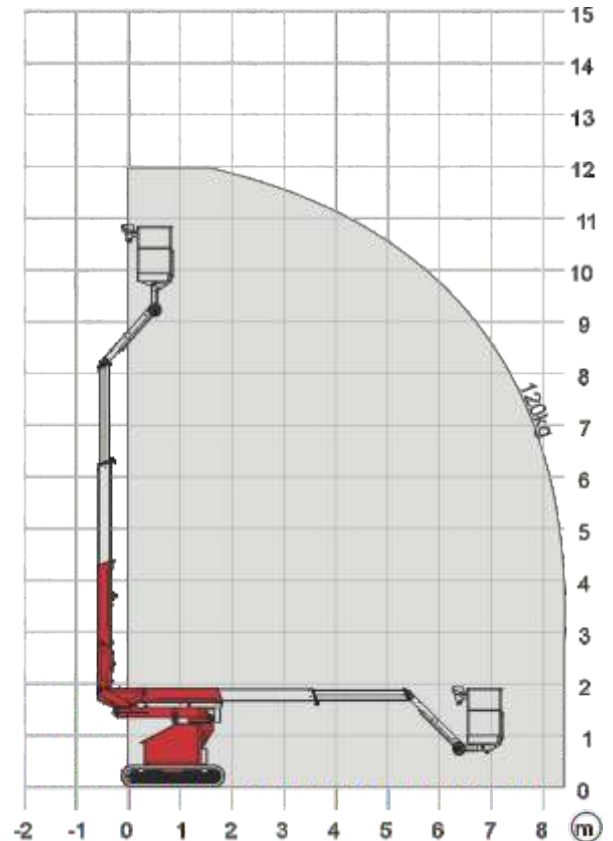
Total weight	2985 kg
Live load in travelling position	4.15 kN/m ²
Live load in working position	4.15 kN/m ²

POWER SOURCES

Standard power sources:	
Battery drive	(24 V, 450 Ah, 4.5 kW)
Optional power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Kubota Z602(10.8 kW / 14.5 hp)
Fuel tank capacity (Diesel engine)	13.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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MLIFT
LEO 13GT
SPIDER LIFT-CRAWLER



MLIFT

LEO 13GT

SPIDER LIFT-CRAWLER



LEO 13GT

PERFORMANCE

Working height, max.	12.75 m
Platform height, max.	10.75 m
Horizontal outreach, max. (200 kg)	6.05 m
Up and over clearance, max.	4.60 m
Platform capacity, max.	200 kg
Jib, movable	-
Turntable rotation, max.	355 °
To be jacked up on ground slope of	10.0 ° / 17.5 %
Track drive, height- and width-adjustable	-
Gradeability, max.	14.4 °/25.5 %
Slope angle, max.	14.4 ° / 25.5 %
Travel speed, max.	1.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.40 m
Platform (width) (C)	0.70 m
Length (D)	4.75 m
Length without platform (E)	4.00 m
Height (F)	1.99 m
Width, min. (G)	0.78 m
Ground clearance, max. (H)	0.40 m
Track (length x width) (I)	1.18 x 0.18 m
Outrigger footprint (length) (J)	3.69 m
Outrigger footprint (width) (K)	2.86 m
Outrigger plate Ø	0.18 m

WEIGHT*

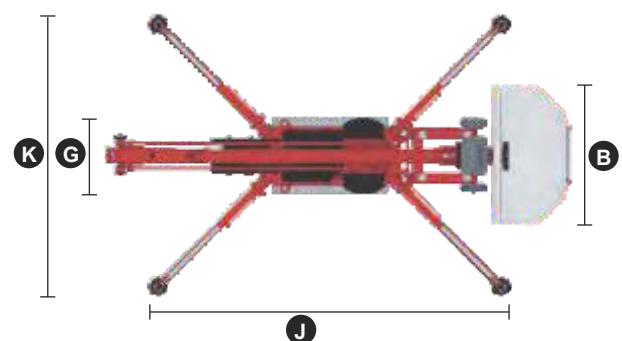
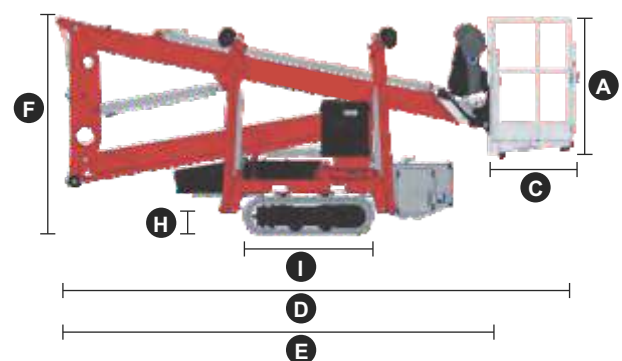
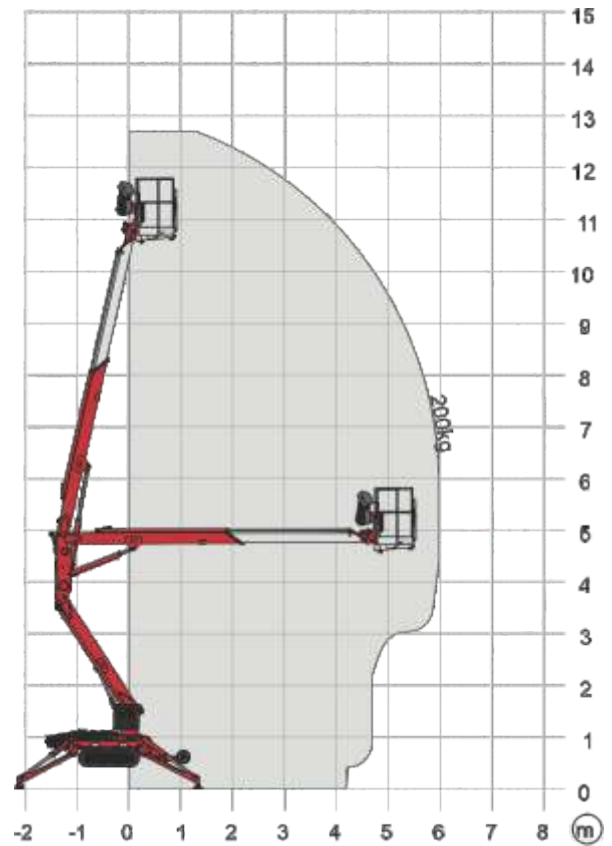
Total weight	1450 kg
Live load in travelling position	4.31 kN/m ²
Live load in working position	1.75 kN/m ²
Point load per outrigger plate, max.	11.70 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Hatz 1B30 (5,4 kW / 7,2 hp)
Optional power sources:	
Battery drive (AGM)	48 V
Fuel tank capacity (Diesel engine)	5,0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 15GT
SPIDER LIFT-CRAWLER



MLIFT

LEO 15GT

SPIDER LIFT-CRAWLER



LEO 15GT

LEO 15GT

PERFORMANCE

Working height, max.	14.70 m
Platform height, max.	12.70 m
Horizontal outreach, max. (200 kg)	7.60 m
Up and over clearance, max.	5.40 m
Platform capacity, max.	200 kg
Jib, movable	-
Turntable rotation, max.	355 °
To be jacked up on ground slope of	13.0 ° / 23.0 %
Track drive, height- and width-adjustable	12 / 18 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	16.7 ° / 30.0 %
Travel speed, max.	1.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.40 m
Platform (width) (C)	0.70 m
Length (D)	5.25 m
Length without platform (E)	4.52 m
Height (F)	1.99 m
Width, min. (G)	0.78 m
Ground clearance, max. (H)	0.42 m
Track (length x width) (I)	1.33 m x 0.18 m
Outrigger footprint (length) (J)	3.61 m
Outrigger footprint (width) (K)	3.15 m
Outrigger plate Ø	0.18 m

WEIGHT*

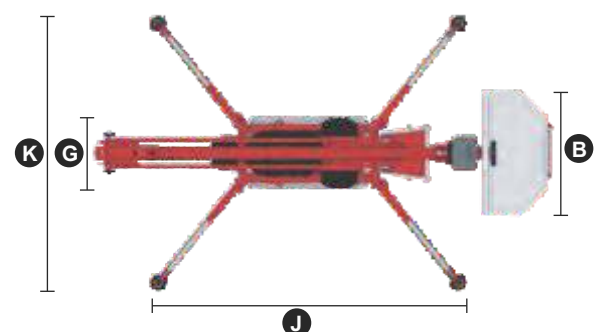
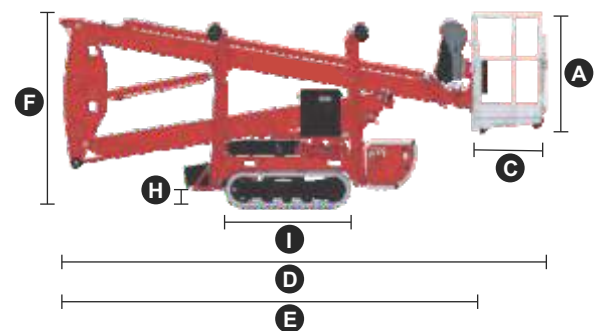
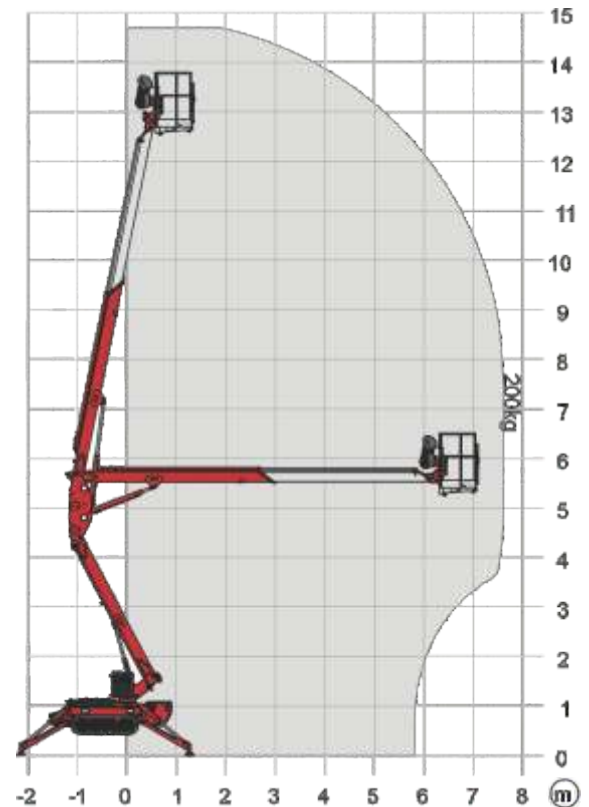
Total weight	1790 kg
Live load in travelling position	4.63 kN/m ²
Live load in working position	1.92 kN/m ²
Point load per outrigger plate, max.	12.80 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Hatz 1B30 (5.4 kW / 7.2 hp)
Optional power sources:	
Battery drive (AGM)	48 V
Fuel tank capacity (Diesel engine)	5.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 18GT PLUS
SPIDER LIFT-CRAWLER



MLIFT

LEO 18GT PLUS

SPIDER LIFT-CRAWLER



LEO 18GTplus

PERFORMANCE

Working height, max.	18.30 m
Platform height, max.	16.30 m
Horizontal outreach, max. (200 kg)	8.50 m
Up and over clearance, max.	8.30 m
Platform capacity, max.	200 kg
Jib, movable	90 °
Turntable rotation, max.	355 °
To be jacked up on ground slope of	12.0 ° / 21.0 %
Track drive, height- and width-adjustable	8 / 16 cm
Gradeability, max.	19.7 ° / 35.5 %
Slope angle, max.	16.7 ° / 30.0 %
Travel speed, max.	1.8 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.40 m
Platform (width) (C)	0.70 m
Length (D)	5.20 m
Length without platform (E)	4.50 m
Height (F)	1.99 m
Width, min. (G)	0.78 m
Ground clearance, max. (H)	0.25 m
Track (length x width) (I)	1.45 x 0.20 m
Outrigger footprint (length) (J)	3.31 m
Outrigger footprint (width) (K)	3.03 m
Outrigger plate Ø	0.18 m

WEIGHT*

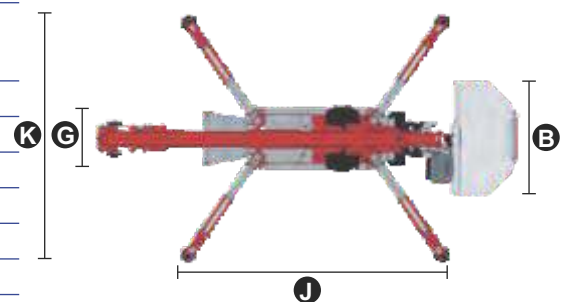
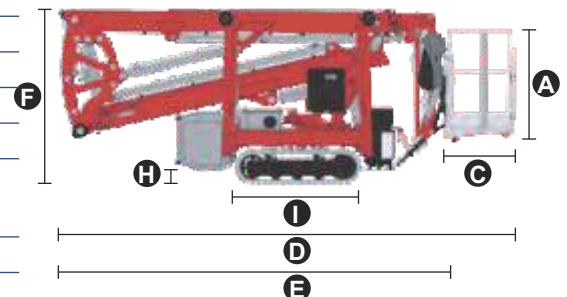
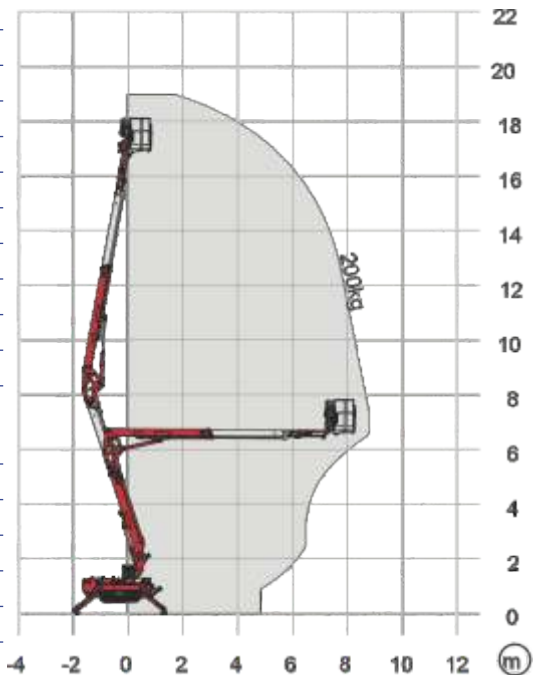
Total weight	2650 kg
Live load in travelling position	7.88 kN/m ²
Live load in working position	3.13 kN/m ²
Point load per outrigger plate, max.	17.30 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (petrol)	Vanguard OHV 16HP(11.93 kW / 16.0 hp)
Optional power source:	
Combustion engine (Diesel)	Kubota Z602 (10.8 kW / 14.5 hp)
Battery drive (AGM)	48 V
Fuel tank capacity (petrol engine)	12.0 l
Fuel tank capacity (Diesel engine)	12.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 21GT
SPIDER LIFT-CRAWLER



MLIFT

LEO 21GT

SPIDER LIFT-CRAWLER



LEO 21GT

LEO 21GT

PERFORMANCE

Working height, max.	21.00 m
Platform height, max.	19.00 m
Horizontal outreach, max. (250 kg)	12.00 m
Up and over clearance, max.	9.44 m
Platform capacity, max.	250 kg
Jib, movable	-
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	19.0 ° / 34.0 %
Track drive, height- and width-adjustable	19 / 46 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	19.0 ° / 34.0 %
Travel speed, max.	2.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.40 m
Platform (width) (C)	0.70 m
Length (D)	6.40 m
Length without platform (E)	5.05 m
Height (F)	1.99 m
Width, min. (G)	0.98 m
Ground clearance, max. (H)	0.44 m
Track (length x width) (I)	1.45 x 0.20 m
Outrigger footprint both side wide (length) (J)	4.70 m
Outrigger footprint both side wide (width) (K)	4.70 m
Outrigger footprint one side narrow (length) (L)	6.30 m
Outrigger footprint one side narrow (width) (M)	3.65 m
Outrigger footprint both sides narrow (width) (N)	2.65 m
Outrigger plate Ø	0.18 m

WEIGHT*

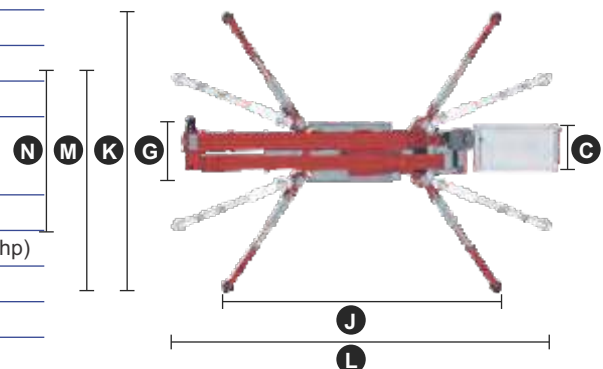
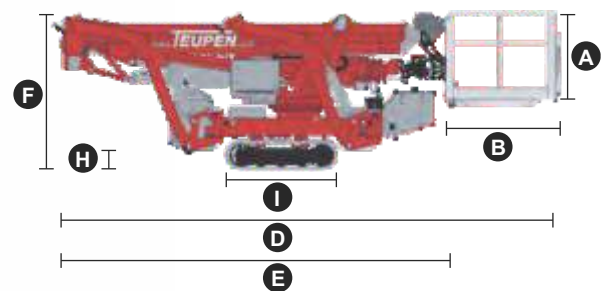
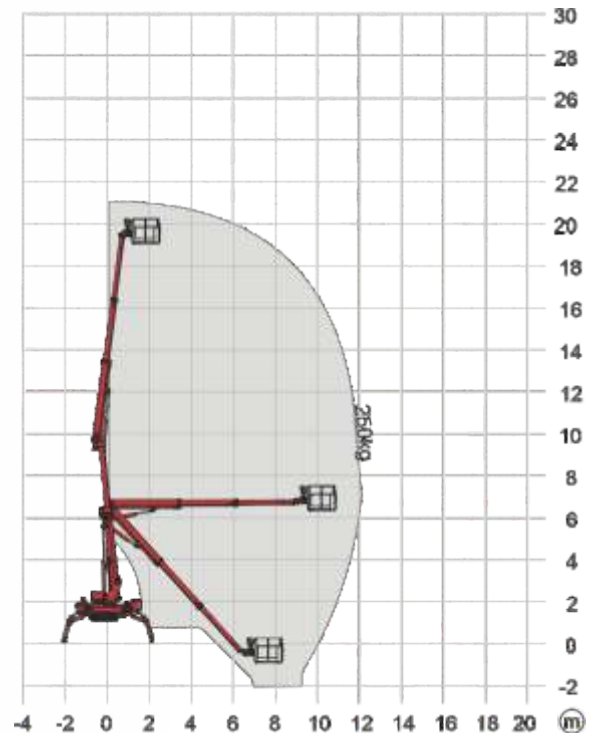
Total weight	3000 kg
Live load in travelling position	3.86 kN/m ²
Live load in working position	1.58 kN/m ²
Point load per outrigger plate, max.	23.70 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (petrol)	Vanguard OHV 16HP (11.93 kW / 16.0 hp)
Optional power source:	
Combustion engine (Diesel)	Kubota Z602 (10.8 kW / 14.5 hp)
Battery drive (AGM)	48 V
Fuel tank capacity (petrol engine)	11.5 l
Fuel tank capacity (Diesel engine)	11.5 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 23GT
SPIDER LIFT-CRAWLER



MLIFT

LEO 23GT

SPIDER LIFT-CRAWLER



LEO 23GT

PERFORMANCE

Working height, max.	23.00 m
Platform height, max.	21.00 m
Horizontal outreach, max. (200 kg)	11.20 m
Up and over clearance, max.	11.50 m
Platform capacity, max.	200 kg
Jib, movable	-
Platform, rotatable	180 °
Turntable rotation, max.	360 °
To be jacked up on ground slope of	16.7 ° / 30.0 %
Track drive, height- and width-adjustable	23 / 45 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	15.5 ° / 27.0 %
Travel speed, max.	1.3 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.40 m
Platform (width) (C)	0.70 m
Length (D)	6.20 m
Length without platform (E)	-
Height (F)	1.97 m
Width, min. (G)	0.98 m
Ground clearance, max. (H)	0.40 m
Track (length x width) (I)	1.45 x 0.20 m
Outrigger footprint both side wide (length) (J)	4.53 m
Outrigger footprint both side wide (width) (K)	4.33 m
Outrigger footprint one side narrow (length) (L)	5.98 m
Outrigger footprint one side narrow (width) (M)	3.42 m
Outrigger footprint both sides narrow (width) (N)	2.58 m
Outrigger plate Ø	0.18 m

WEIGHT*

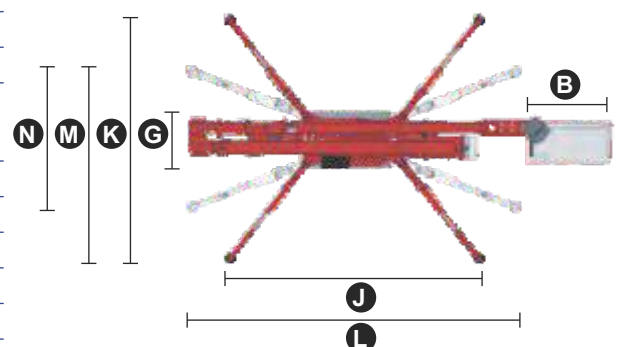
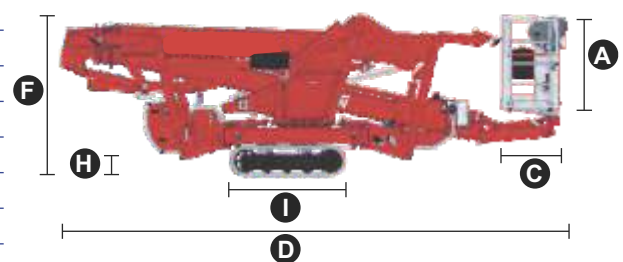
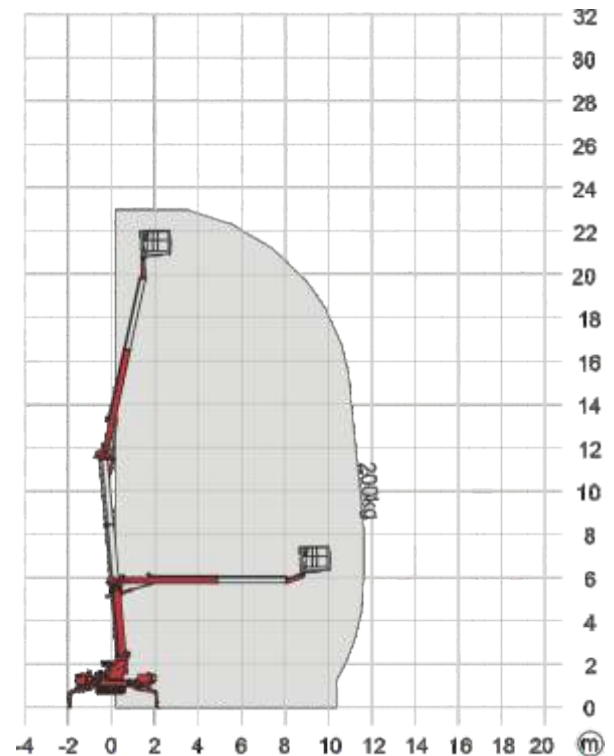
Total weight	2990 kg
Live load in travelling position	4.02 kN/m ²
Live load in working position	1.78 kN/m ²
Point load per outrigger plate, max.	22.40 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Kubota Z602 (10.8 kW / 14.5 hp)
Optional power source:	
Battery drive (AGM)	48 V
Fuel tank capacity (Diesel engine)	12.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 23T
SPIDER LIFT-CRAWLER



MLIFT

LEO 23T

SPIDER LIFT-CRAWLER



LEO 23T

PERFORMANCE

Working height, max.	23.20 m
Platform height, max.	21.20 m
Horizontal outreach, max. (250 kg)	12.50 m
Horizontal outreach, max. (80 kg)	15.60 m
Platform capacity, max.	250 kg
Jib, movable	180 °
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16.7 ° / 30.0 %
Track drive, height- and width-adjustable	19 / 46 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	19.0 ° / 34.0 %
Travel speed, max.	4.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.20 m
Platform (width) (C)	0.80 m
Length (D)	6.20 m
Length without platform (E)	6.20 m
Height (F)	1.99 m
Width, min. (G)	0.99 m
Ground clearance, max. (H)	0.42 m
Track (length x width) (I)	1.45 x 0.20 m
Outrigger footprint both side wide (length) (J)	4.70 m
Outrigger footprint both side wide (width) (K)	4.70 m
Outrigger footprint one side narrow (length) (L)	6.30 m
Outrigger footprint one side narrow (width) (M)	3.65 m
Outrigger footprint both sides narrow (width) (N)	2.65 m
Outrigger plate Ø	0.18 m

WEIGHT*

Total weight	3050 kg
Live load in travelling position	3.90 kN/m ²
Live load in working position	1.60 kN/m ²
Point load per outrigger plate, max.	23.70 kN

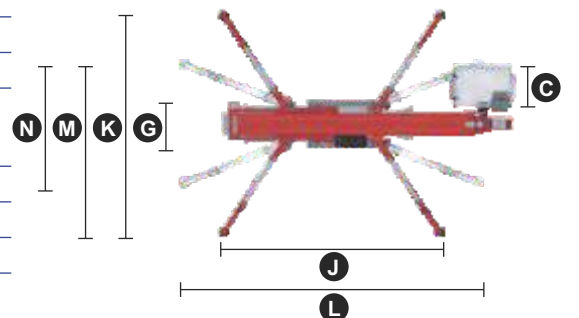
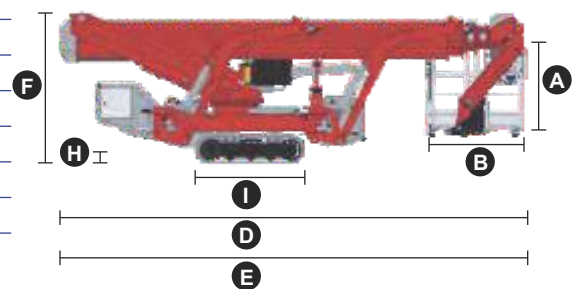
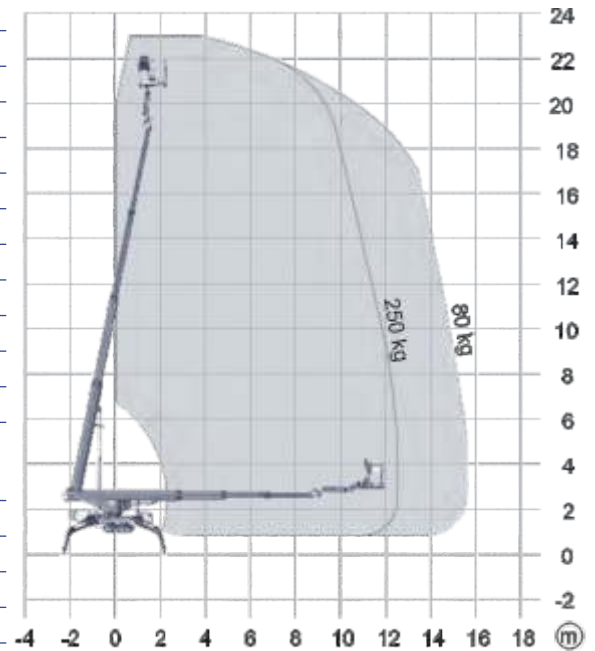
POWER SOURCES

Standard power sources:

Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Kubota Z602 (10.8 kW / 14.5 hp)
Fuel tank capacity (Diesel engine)	25.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 24GT
SPIDER LIFT-CRAWLER



MLIFT

LEO 24GT

SPIDER LIFT-CRAWLER



LEO 24GT

PERFORMANCE

Working height, max.	24.00 m
Platform height, max.	22.00 m
Horizontal outreach, max. (250 kg)	12.00 m
Up and over clearance, max.	12.69 m
Platform capacity, max.	250 kg
Jib, movable	-
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	19.0 ° / 34.0 %
Track drive, height- and width-adjustable	19 / 46 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	19.0 ° / 34.0 %
Travel speed, max.	2.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.40 m
Platform (width) (C)	0.70 m
Length (D)	6.40 m
Length without platform (E)	5.05 m
Height (F)	1.99 m
Width, min. (G)	0.98 m
Ground clearance, max. (H)	0.44 m
Track (length x width) (I)	1.45 x 0.20 m
Outrigger footprint both side wide (length) (J)	4.70 m
Outrigger footprint both side wide (width) (K)	4.70 m
Outrigger footprint one side narrow (length) (L)	6.30 m
Outrigger footprint one side narrow (width) (M)	3.65 m
Outrigger footprint both sides narrow (width) (N)	2.65 m
Outrigger plate Ø	0.18 m

WEIGHT*

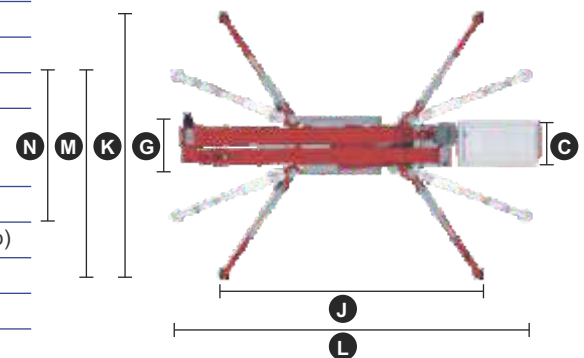
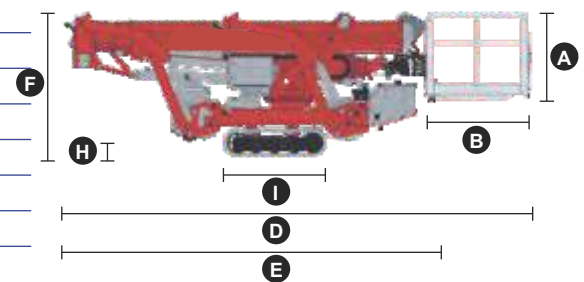
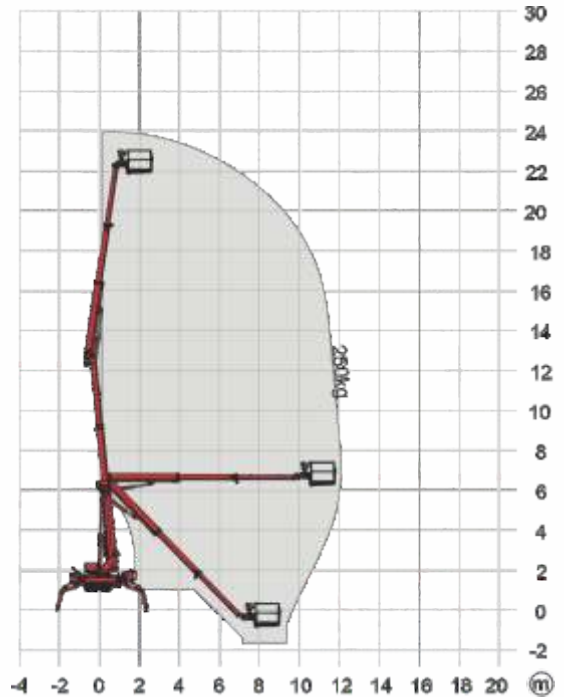
Total weight	3300 kg
Live load in travelling position	4.40 kN/m ²
Live load in working position	1.72 kN/m ²
Point load per outrigger plate, max.	23.70 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (petrol)	Vanguard OHV 16HP (11.93 kW / 16.0 hp)
Optional power source:	
Combustion engine (Diesel)	Kubota Z602 (10.8 kW / 14.5 hp)
Battery drive (AGM)	48 V
Fuel tank capacity (petrol engine)	11.5 l
Fuel tank capacity (Diesel engine)	11.5 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 30T-PLUS
SPIDER LIFT-CRAWLER



MLIFT

LEO 30T-PLUS

SPIDER LIFT-CRAWLER



LEO 30T-Plus

PERFORMANCE

Working height, max. (300 kg / 400 kg)	30.00 m / 27.00 m
Working height, max. (both sides narrow)	25.00 m
Working height, max. (one sides narrow)	27.00 m
Platform height (300 kg / 400 kg)	28.00 m / 25.00 m
Platform height, max. (both side narrow)	23.00 m
Platform height, max. (one side narrow)	25.00 m
Horizontal outreach, max. (400 kg)	12.70 m
Horizontal outreach, max. (300 kg)	14.00 m
Horizontal outreach, max. (140 kg)	16.00 m
Horizontal outreach, max. (both sides narrow)	14.50 m
Platform capacity, max.	400 kg
Platform capacity, max. (both sides narrow)	250 kg
Jib, movable	180 °
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16.7 ° / 30.0 %
Track drive, height- and width-adjustable	24 / 22 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	21.0 ° / 38.0 %
Travel speed, max.	3.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.20 m
Platform (width) (C)	0.80 m
Length (D)	7.70 m
Length without platform (E)	7.50 m
Height (F)	1.98 m
Width, min. (G)	1.58 m
Ground clearance, max. (H)	0.43 m
Track (length x width) (I)	1.92 x 0.25 m
Outrigger:	
n wide (length) (J) X (wide) (K)	5.51m/5.60 m
n narrow (length) (L) X (length) (M)	7.55m/2.99 m
n left or right narrow (width) (N)	4.30 m
n front or back narrow (length) (O)	6.53 m
Outrigger plate (length x width)	0.31 m x 0.22 m

WEIGHT*

Total weight	4550 kg
Live load in travelling position	3.60 kN/m ²
Live load in working position	1.81 kN/m ²
Point load per outrigger plate, max.	32.00 kN

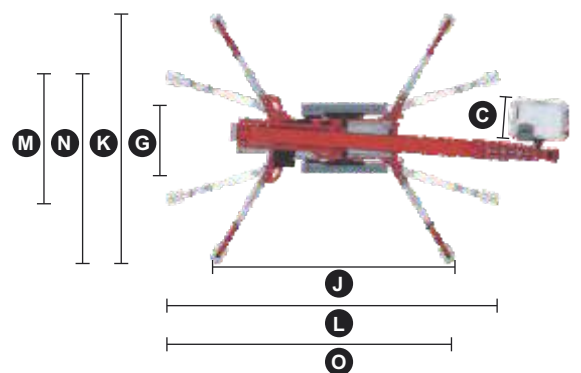
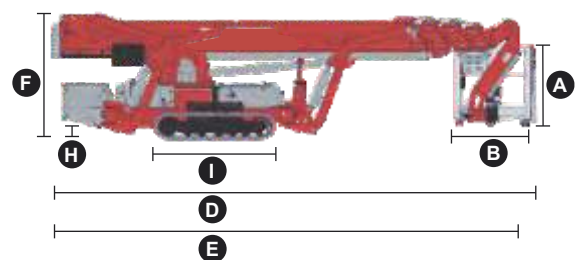
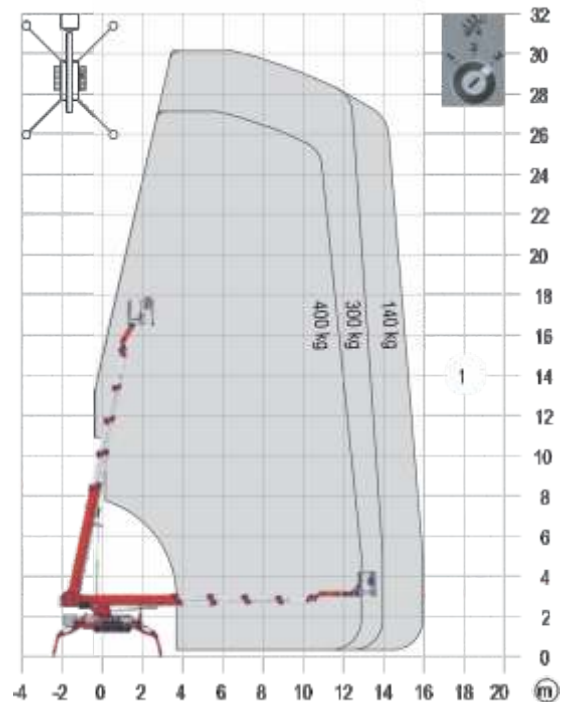
POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Kubota D902 (16.1 kW / 21.6 hp)
Optional power source:	
Battery drive (AGM)	80 V
Fuel tank capacity (Diesel engine)	39.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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LEO 30Tplus



STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 34GT-PLUS
SPIDER LIFT-CRAWLER



MLIFT

LEO 34GT-PLUS

SPIDER LIFT-CRAWLER



LEO 34GT-Plus

PERFORMANCE

Working height, max.	34.10 m
Platform height, max.	32.10 m
Horizontal outreach, max. (400 kg)	18.00 m
Horizontal outreach, max. (300 kg)	18.90 m
Horizontal outreach, max. (140 kg)	19.90 m
Up and over clearance, max.	21.00 m
Negativ reach, max.	9.20 m
Platform capacity, max.	400 kg
Jib, movable	200 °
Platform, rotatable	2 x 220 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16.7 ° / 30.0 %
Track drive, height- and width-adjustable	23 / 12 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	16.7 ° / 30.0 %
Travel speed, max.	3.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.50 m
Platform (width) (C)	0.8 m
Length (D)	7.85 m
Length without platform (E)	7.00 m
Height (F)	1.99 m
Width, min. (G)	1.59 m
Ground clearance, max. (H)	0.40 m
Track (length x width) (I)	2.12 x 0.30 m
Outrigger footprint both side wide (length) (J)	5.31 m
Outrigger footprint both side wide (width) (K)	5.20 m
Outrigger footprint one side narrow (length) (L)	7.30 m
Outrigger footprint one side narrow (width) (M)	4.00 m
Outrigger footprint both sides narrow (width) (N)	2.70 m
Outrigger plate (length x width)	0.50 m x 0.22 m

WEIGHT*

Total weight	8210 kg
Live load in travelling position	6.20 kN/m ²
Live load in working position	3.06 kN/m ²
Point load per outrigger plate, max.	57.70 kN

POWER SOURCES

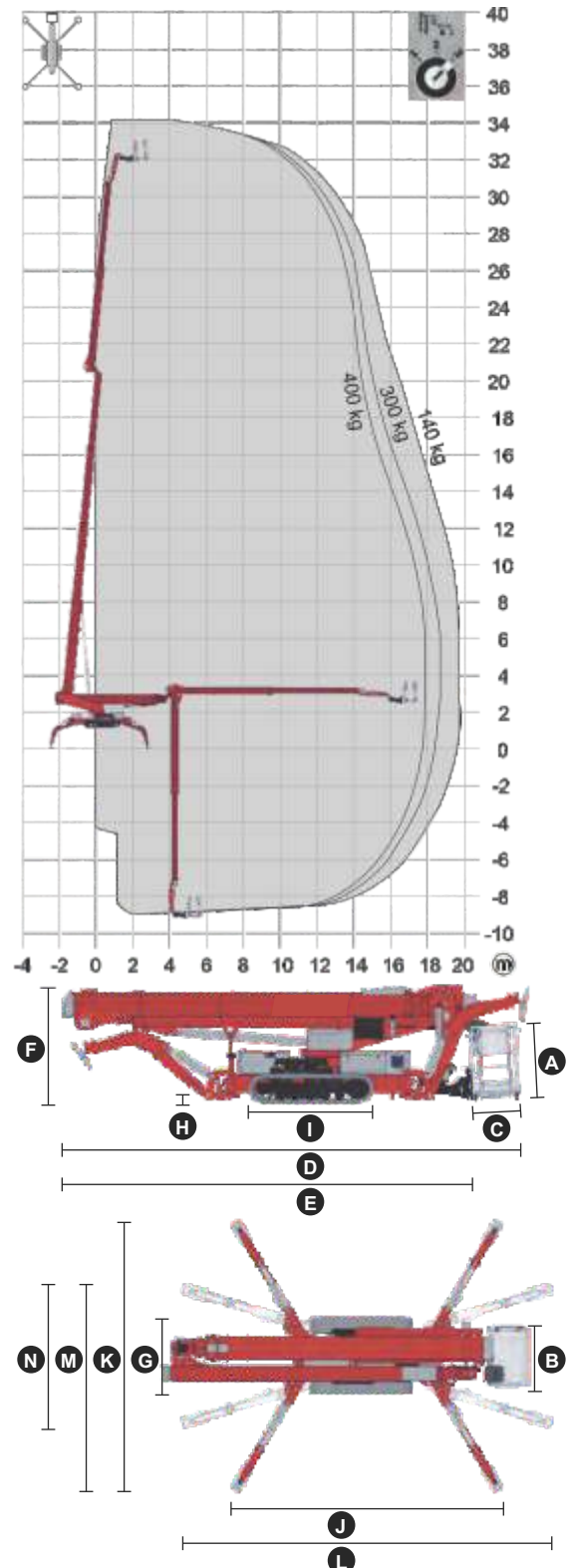
Standard power sources:

Electric motor	(country-specific 3-phases)
Combustion engine (Diesel)	Kubota D1305 (18.0 kW / 24.47 PS)
Fuel tank capacity (Diesel engine)	32.00 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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LEO 34GTplus



STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 39T-PLUS
SPIDER LIFT-CRAWLER



MLIFT

LEO 39T-PLUS

SPIDER LIFT-CRAWLER



LEO 39T-Plus

PERFORMANCE

Working height, max. (300 kg / 400 kg)	35.00 m / 32.00 m
Working height, max. (both sides narrow)	30.00 m
Working height, max. (one sides narrow)	32.00 m
Platform height (300 kg / 400 kg)	33.00 m / 30.00 m
Platform height, max. (both side narrow)	28.00 m
Platform height, max. (one side narrow)	30.00 m
Horizontal outreach, max. (400 kg)	13.00 m
Horizontal outreach, max. (300 kg)	14.00 m
Horizontal outreach, max. (140 kg)	16.00 m
Horizontal outreach, max. (both sides narrow)	14.50 m
Platform capacity, max.	400 kg
Platform capacity, max. (both sides narrow)	250 kg
Jib, movable	180 °
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16.7 ° / 30.0 °
Track drive, height- and width-adjustable	24 / 22 cm
Gradeability, max.	16.7 ° / 30.0 °
Slope angle, max.	21.0 ° / 38.0 °
Travel speed, max.	3.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.20 m
Platform (width) (C)	0.80 m
Length (D)	8.00 m
Length without platform (E)	7.80 m
Height (F)	1.99 m
Width, min. (G)	1.58 m
Ground clearance, max. (H)	0.43 m
Track (length x width) (I)	1.92 x 0.25 m
Outrigger footprint both side wide (length) (J)	5.51 m
Outrigger footprint both side wide (width) (K)	5.60 m
Outrigger footprint one side narrow (length) (L)	7.55 m
Outrigger footprint one side narrow (width) (M)	4.30 m
Outrigger footprint both sides narrow (width) (N)	2.99 m
Outrigger plate (length x width)	0.31 m x 0.22 m

WEIGHT*

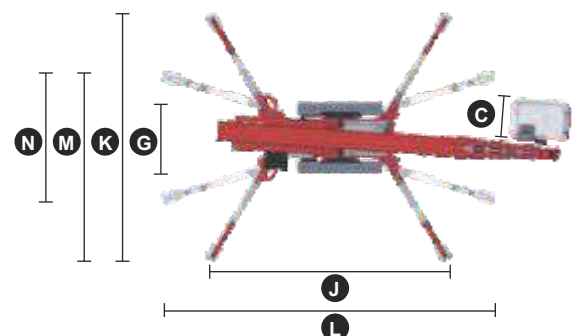
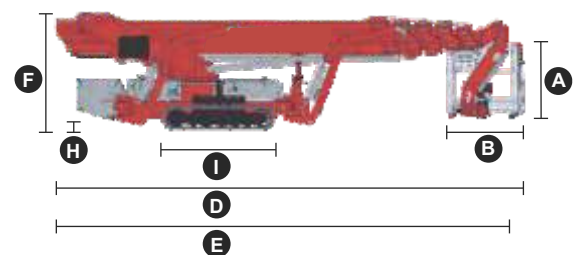
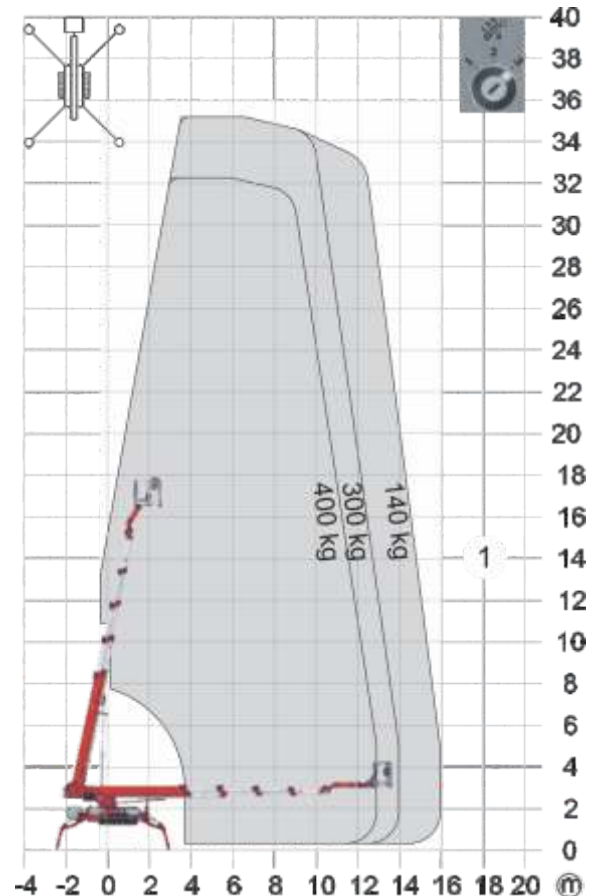
Total weight	5500 kg
Live load in travelling position	4.17 kN/m ²
Live load in working position	2.16 kN/m ²
Point load per outrigger plate, max.	36.00 kN

POWER SOURCES

Standard power sources:	
Electric motor	(country-specific 1-phase)
Combustion engine (Diesel)	Kubota D902 (16.1 kW / 21.6 hp)
Optional power source:	
Battery drive (AGM)	80 V
Fuel tank capacity (Diesel engine)	39.0 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT
LEO 39GT-PLUS
SPIDER LIFT-CRAWLER



MLIFT

LEO 39GT-PLUS

SPIDER LIFT-CRAWLER



LEO 39GT-Plus

PERFORMANCE

Working height, max.	38.60 m
Platform height, max.	36.60 m
Horizontal outreach, max. (400 kg)	18.30 m
Horizontal outreach, max. (300 kg)	20.20 m
Horizontal outreach, max. (140 kg)	23.30 m
Up and over clearance, max.	21.00 m
Negativ reach, max.	13.15 m
Platform capacity, max.	400 kg
Jib, movable	200 °
Platform, rotatable	2 x 220 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16.7 ° / 30.0 %
Track drive, height- and width-adjustable	23 / 12 cm
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	16.7 ° / 30.0 %
Travel speed, max.	3.0 km/h

MEASUREMENTS*

Platform (height) (A)	1.10 m
Platform (length) (B)	1.50 m
Platform (width) (C)	0.8 m
Length (D)	7.85 m
Length without platform (E)	7.00 m
Height (F)	1.99 m
Width, min. (G)	1.59 m
Ground clearance, max. (H)	0.40 m
Track (length x width) (I)	2.12 x 0.30 m
Outrigger footprint both side wide (length) (J)	5.31 m
Outrigger footprint both side wide (width) (K)	5.20 m
Outrigger footprint one side narrow (length) (L)	7.30 m
Outrigger footprint one side narrow (width) (M)	4.00 m
Outrigger footprint both sides narrow (width) (N)	2.70 m
Outrigger plate (length x width)	0.50 m x 0.22 m

WEIGHT*

Total weight	8750 kg
Live load in travelling position	6.60 kN/m ²
Live load in working position	3.25 kN/m ²
Point load per outrigger plate, max.	62.50 kN

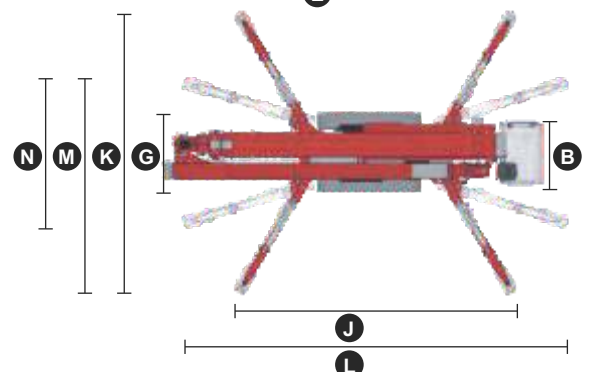
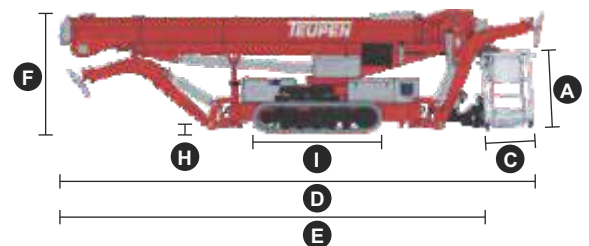
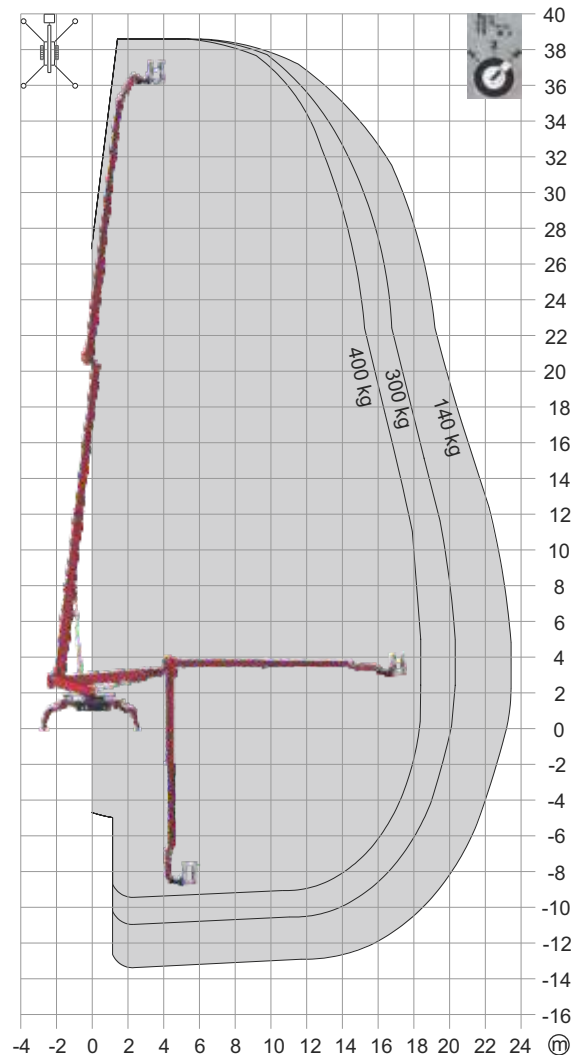
POWER SOURCES

Standard power sources:

Electric motor	(country-specific 3-phases)
Combustion engine (Diesel)	Kubota D1305 (18.0 kW / 24.47 PS)
Fuel tank capacity (Diesel engine)	32.00 l

POWER SUPPLY

Electric current, max.	country-specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

MLIFT S13F

ARTICULATED SPIDER LIFT-CRAWLER



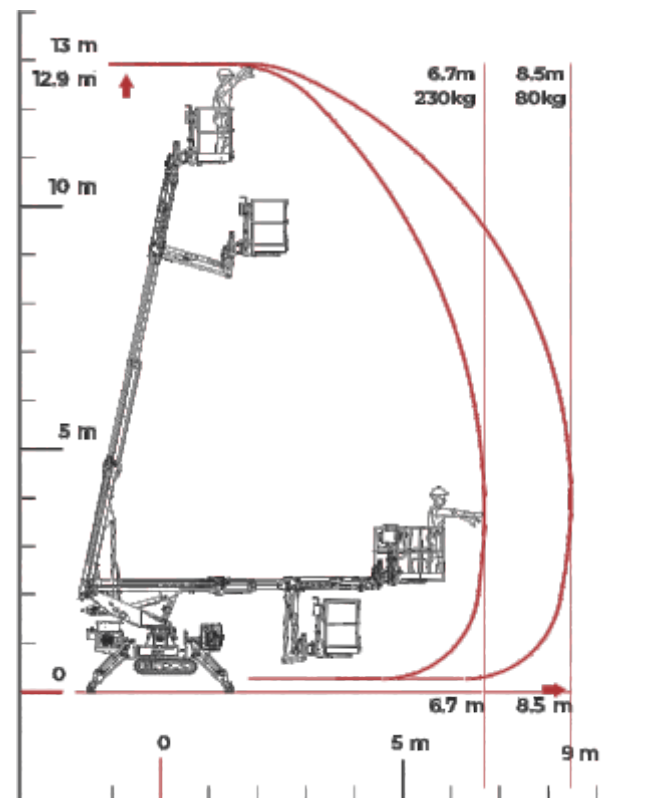
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

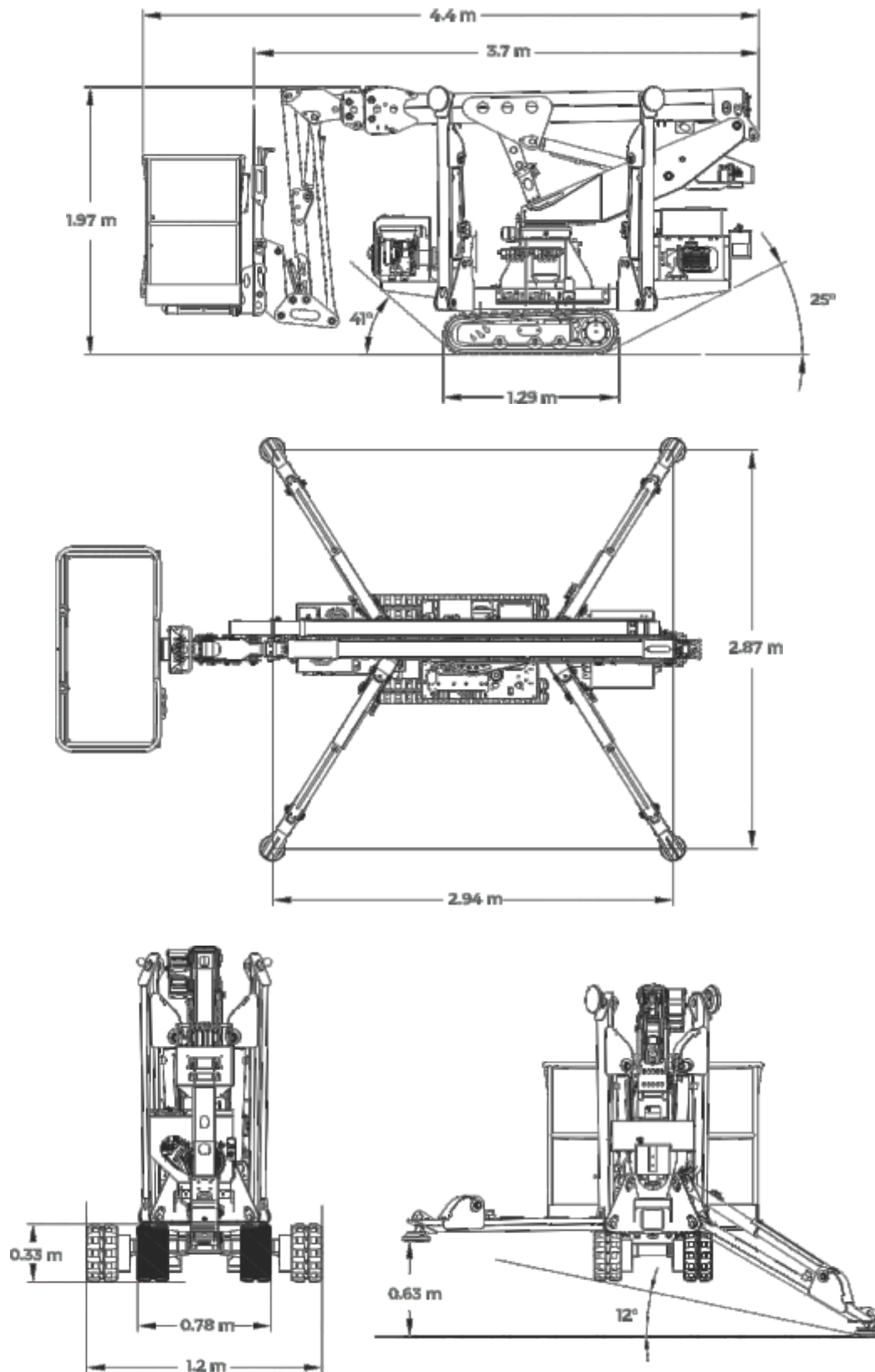
Lightweight and multifunctional, equipped with a two-stage telescopic boom and jib (90°), the S13F is the smallest platform in the entire Mlift range and the most compact in its category, but it is second to none when it comes to work in difficult conditions and limited spaces.

Max. working height	12.9 m
Max. reach with 80 kg	8.5 m
Platform height	10.9 m
Max. load in basket	230 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+/- 90° (options)
Turret rotation	+/- 178° (356° non-continuous)
Total weight	1565 Kg



MLIFT S13F

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S15

ARTICULATED SPIDER LIFT-CRAWLER



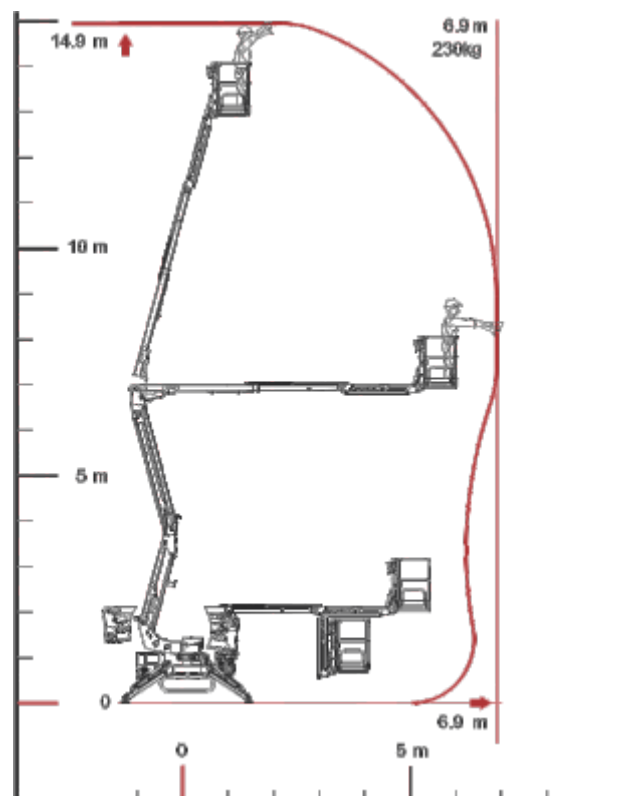
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

This is the most compact geometric platform without outreach limiter in its class. It goes through a standard door and fit in the lifts, a key feature for use inside large structures such as airports or large shopping centres.

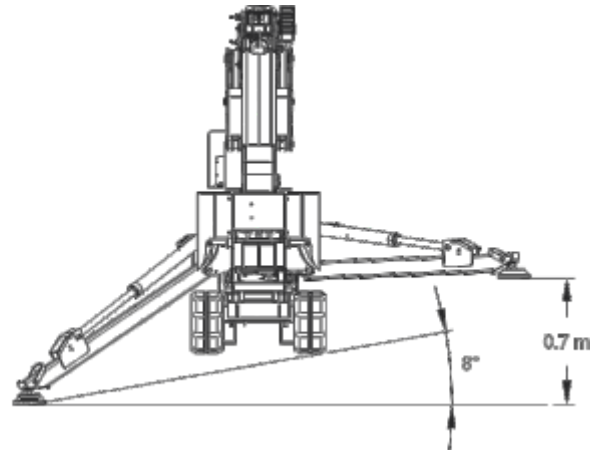
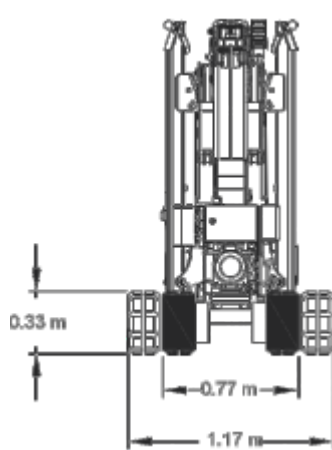
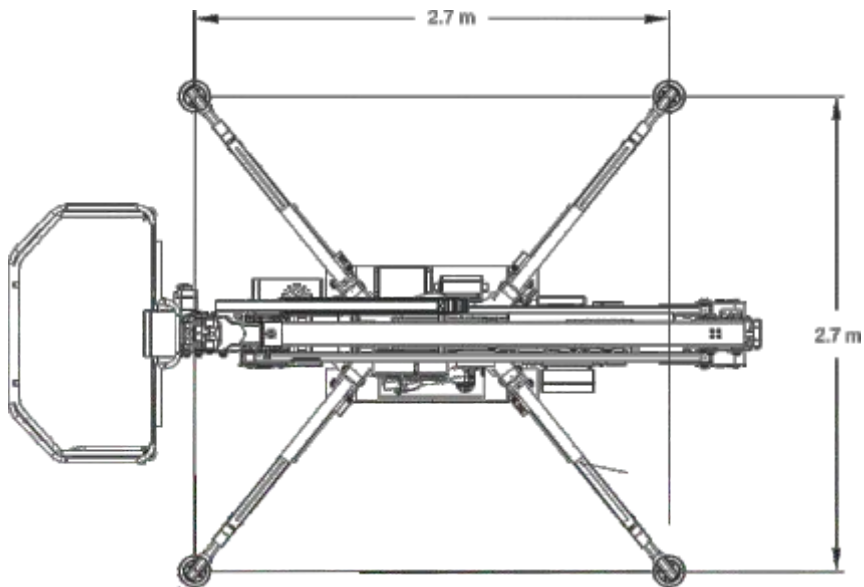
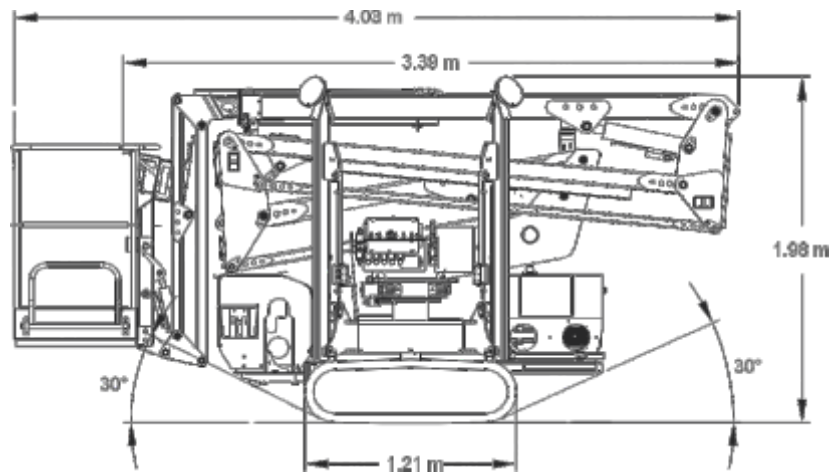
Max. working height	14.9 m
Max. reach with 230 kg	6.9 m
Platform height	12.9 m
Max. load in basket	230 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+/- 90° (options)
Turret rotation	+/- 178° (356° non-continuous)
Total weight	1820 Kg



MLIFT

S15

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT S15F

ARTICULATED SPIDER LIFT-CRAWLER



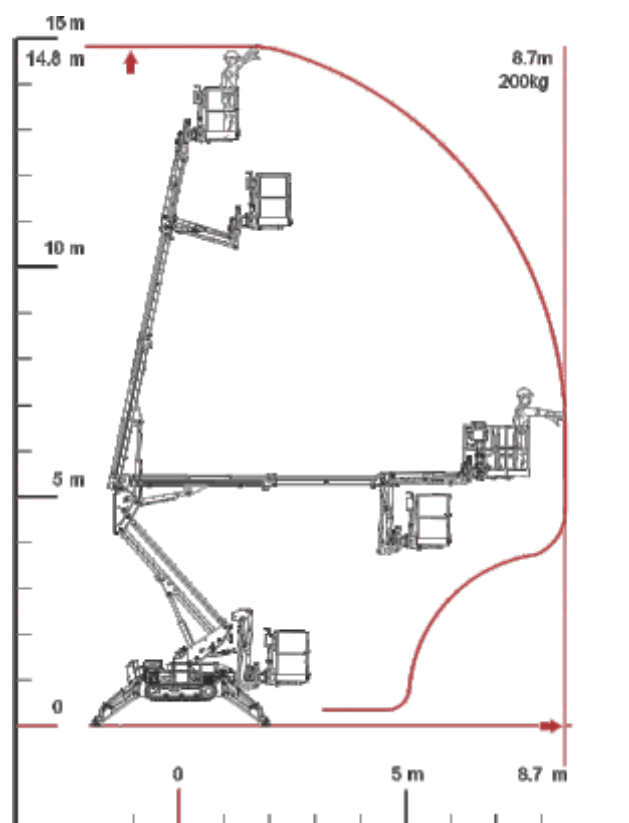
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

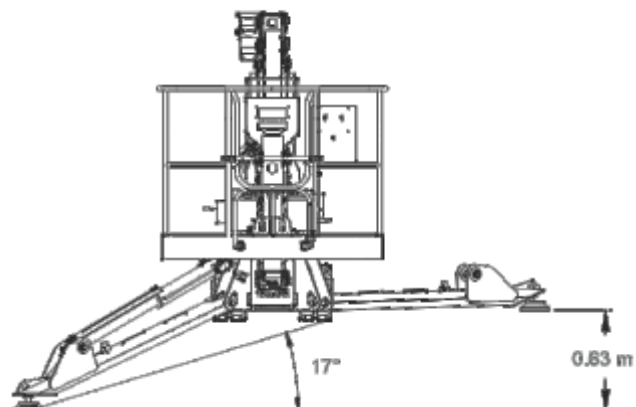
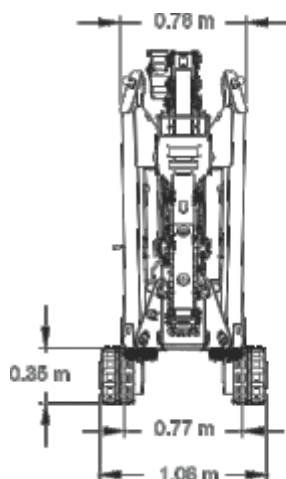
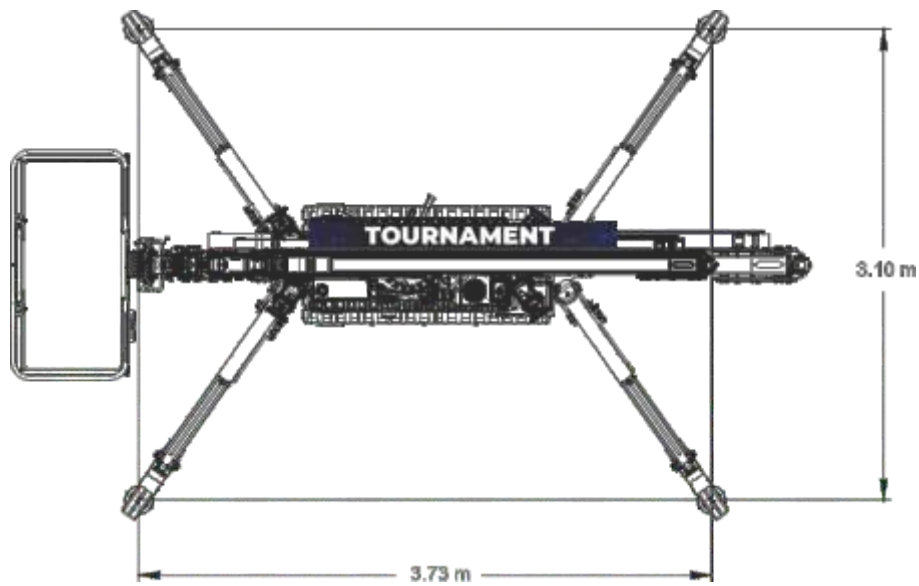
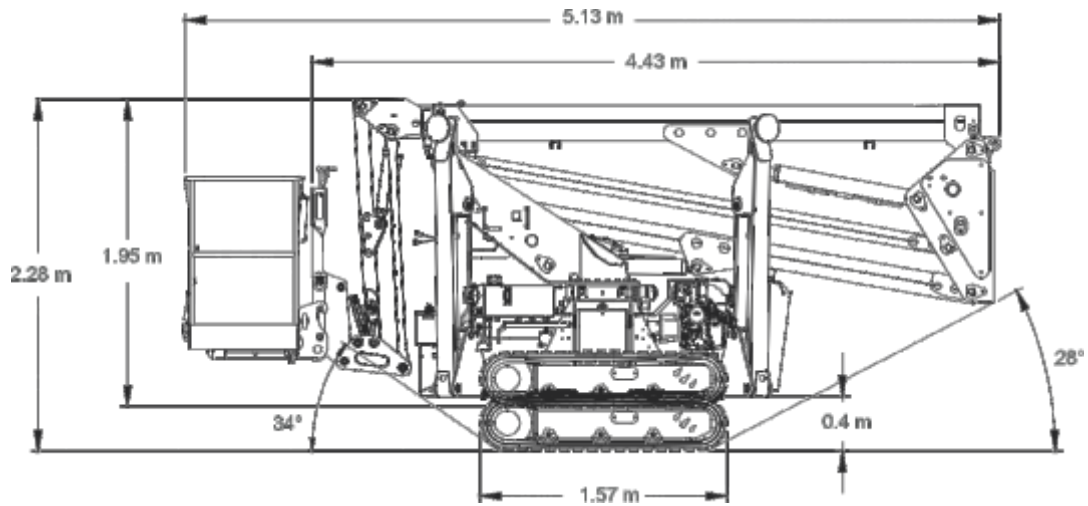
Geometric platform without outreach limiting device, with pantograph and single telescopic extension boom plus jib. It offers excellent performance in all types of work, thanks to a compact stabilisation area that provides maximum stability even on the most difficult of surfaces.

Max. working height	14.8 m
Max. reach with 200 kg	8.7 m
Platform height	12.8 m
Max. load in basket	200 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+/-90° (options)
Turret rotation	+/- 178°(356° non-continuous)
Total weight	2378 Kg



MLIFT S15F

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT S18F

ARTICULATED SPIDER LIFT-CRAWLER



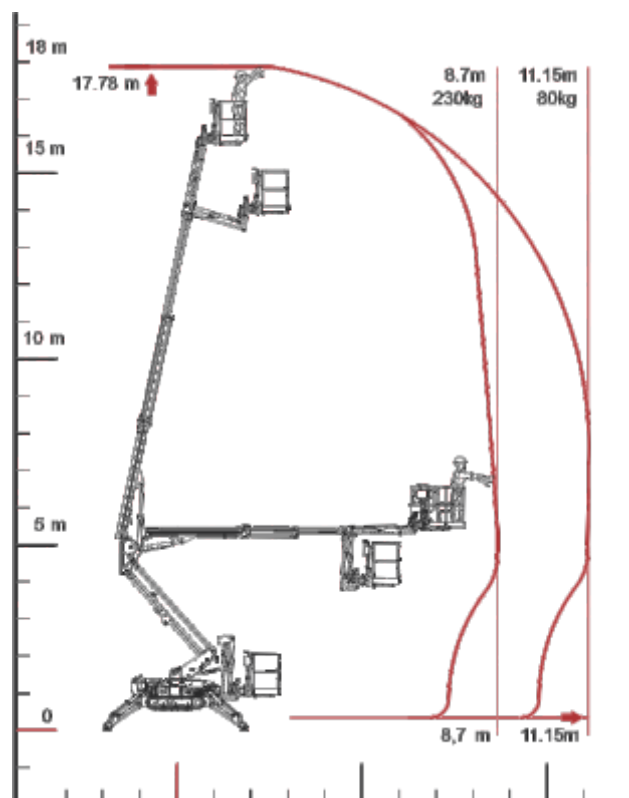
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

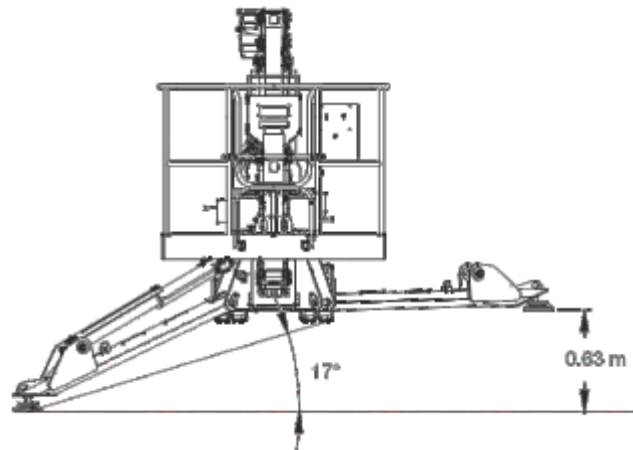
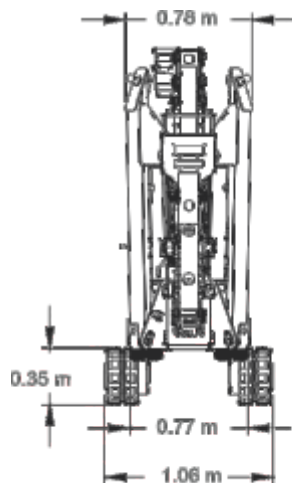
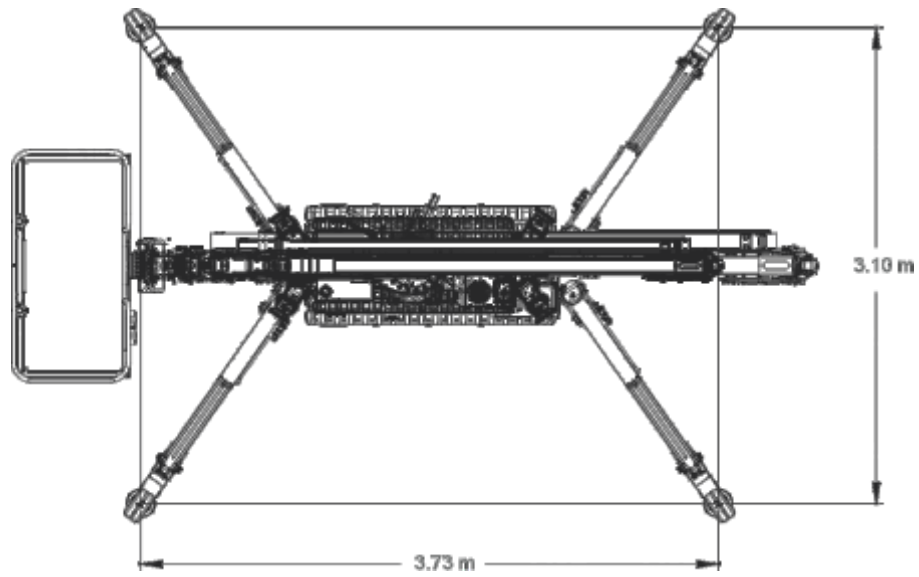
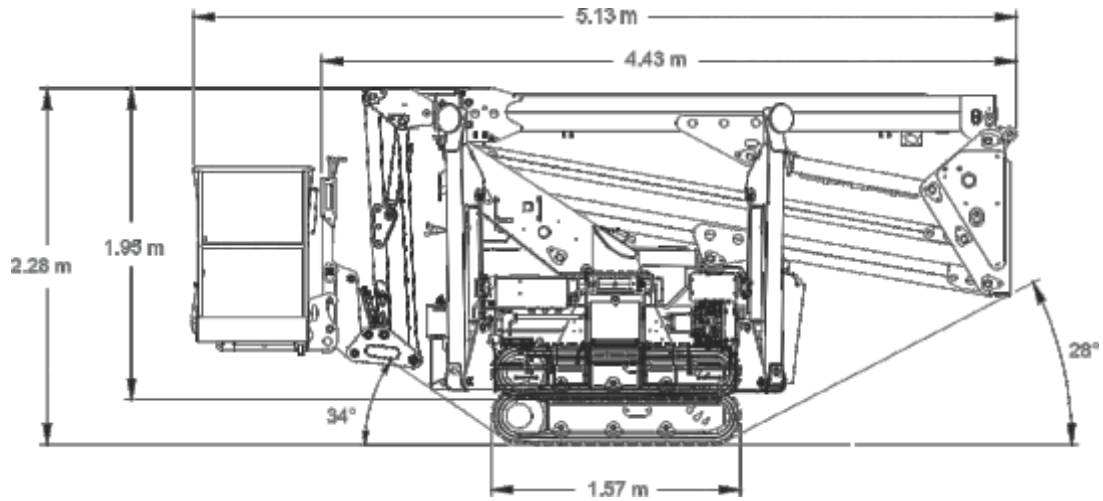
Equipped with a single pantograph and a two-stage telescopic boom plus jib, mechanically adjustable tracks in height and width and with an impressive lateral outreach, this is a multipurpose aerial platform with amazing performance which fully meets the needs of the both end user and rental company.

Max. working height	17.78 m
Max. reach with 80 kg	11.15 m
Platform height	15.78 m
Max. load in basket	230 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+/- 90° (options)
Turret rotation	+/- 178° (356° non-continuous)
Total weight	2495 Kg



MLIFT S18F

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT S19E

ARTICULATED SPIDER LIFT-CRAWLER



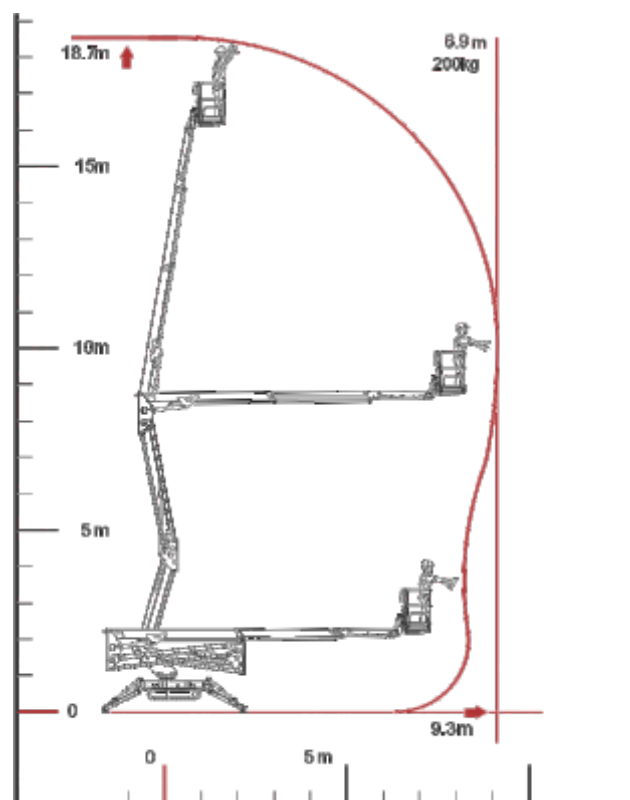
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

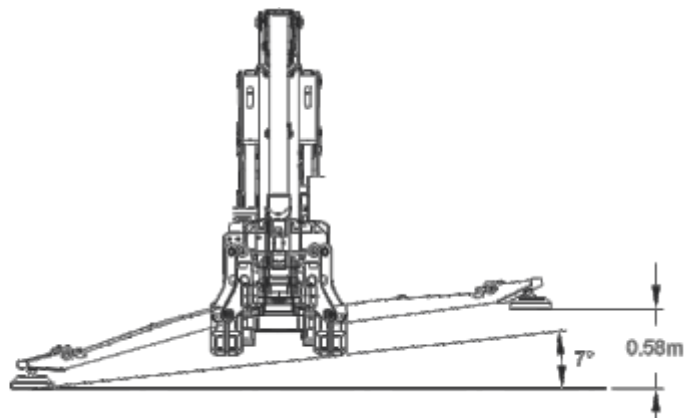
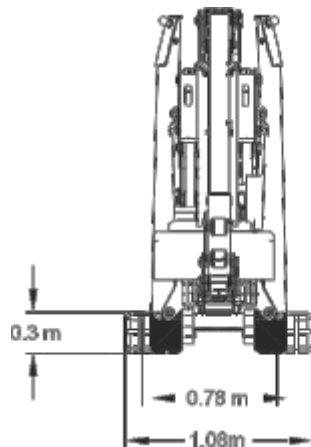
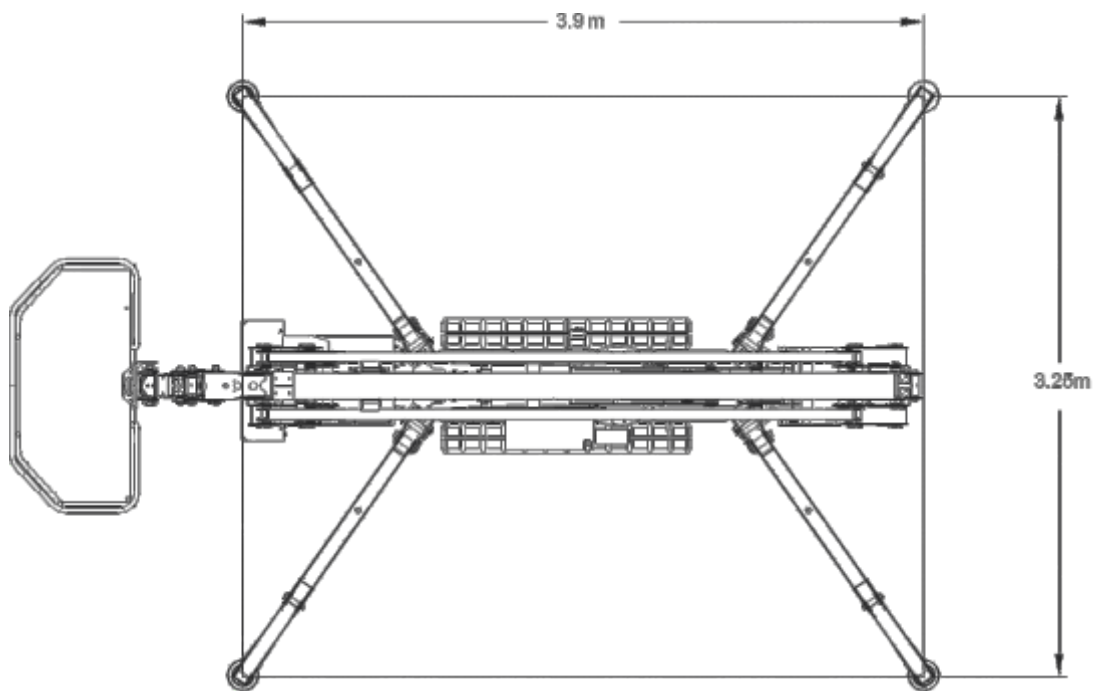
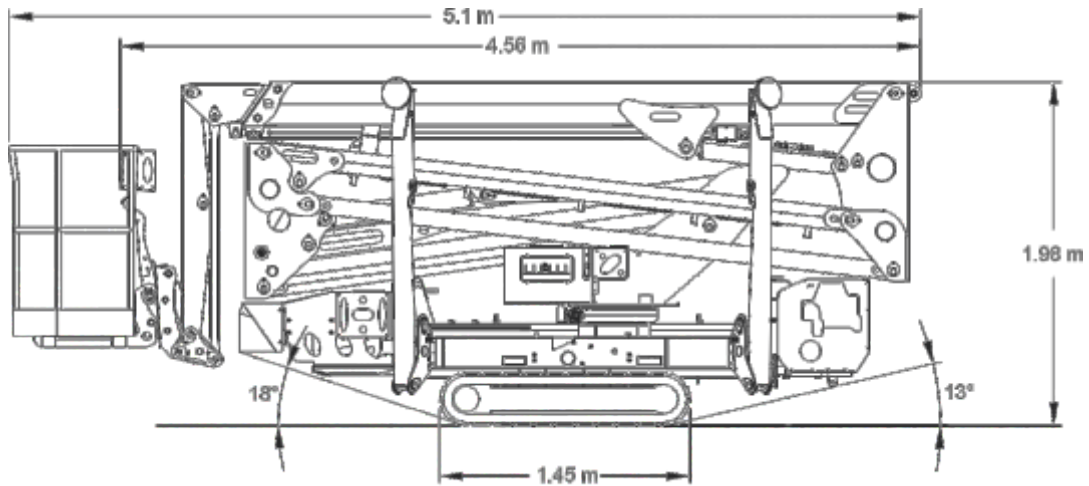
A geometric platform, without outreach limiting device, with low weight and extreme compactness, easy to transport on a trailer and suitable for any type of application.

Max. working height	18.7 m
Max. reach with 200 kg	9.3 m
Platform height	16.7 m
Max. load in basket	200 Kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Turret rotation	+/- 178° (356° non-continuous)
Total weight	2545 Kg



MLIFT
S19E

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT S19HD

ARTICULATED SPIDER LIFT-CRAWLER



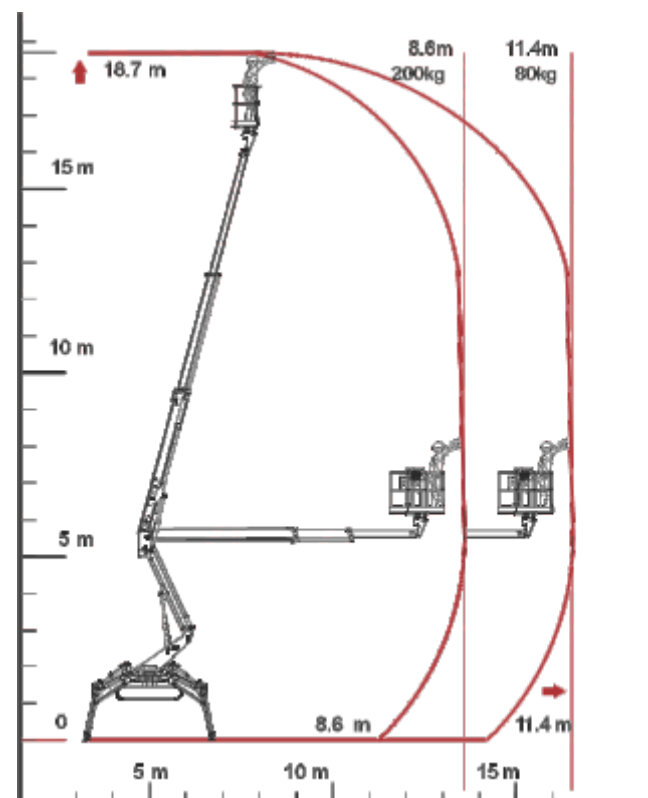
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

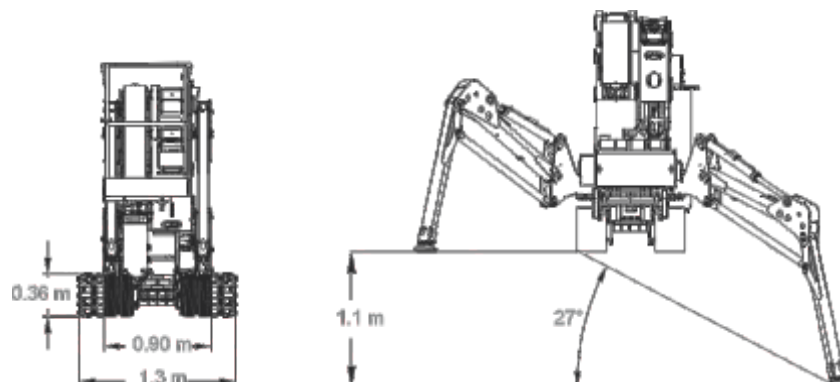
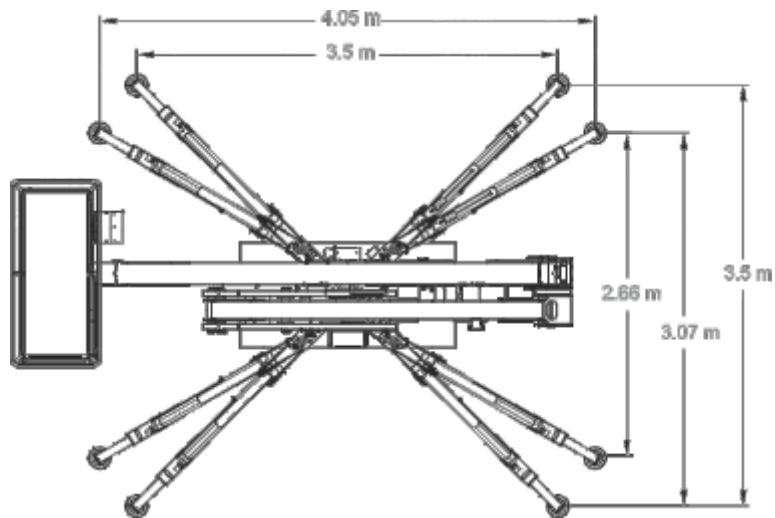
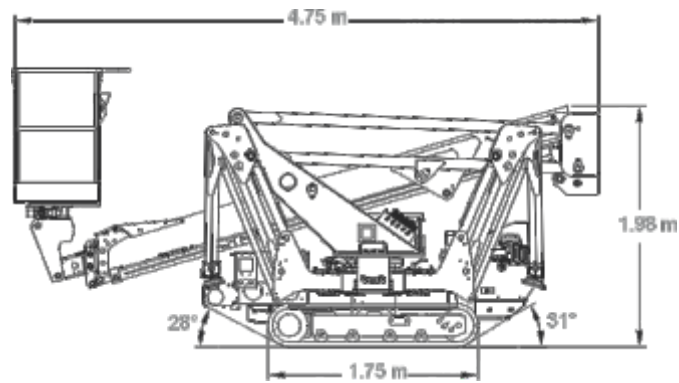
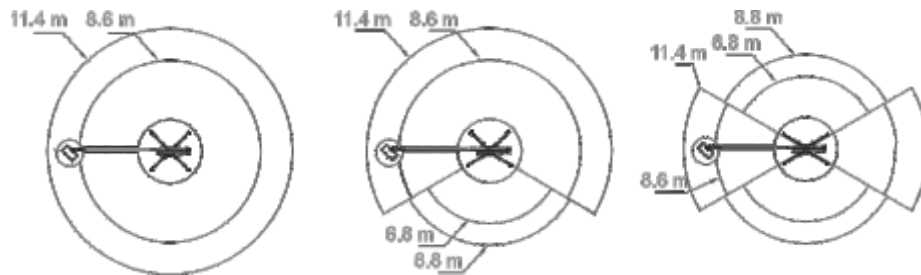
This articulated platform with pantograph and telescopic boom offers outstanding performance thanks to its stabilizers of high levelling capacity. Designed for maximum work performance on the toughest terrain, it's an excellent alternative to a truck-mounted platform.

Max. working height	18.7 m
Max. reach with 80 kg	11.4 m
Platform height	16.7 m
Max. load in basket et	200 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+90°/-87° (options)
Turret rotation	+/- 355° (710° continuous)
Total weight	2666 Kg



MLIFT S19HD

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S19N

ARTICULATED SPIDER LIFT-CRAWLER



TECHNICAL SHEET

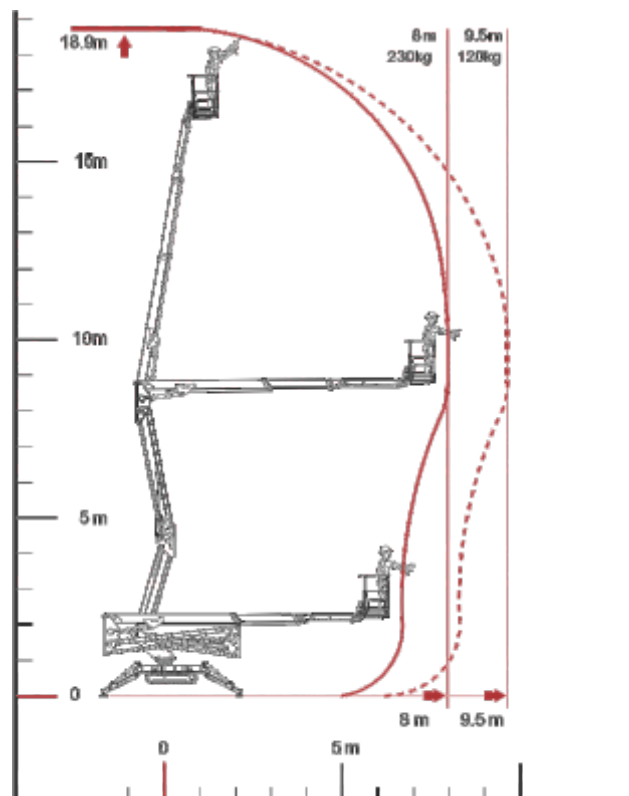
PERFORMANCE AND DIMENSIONS

Main features

N for Narrow, this platform featured the narrowest stabilisation area in its class.

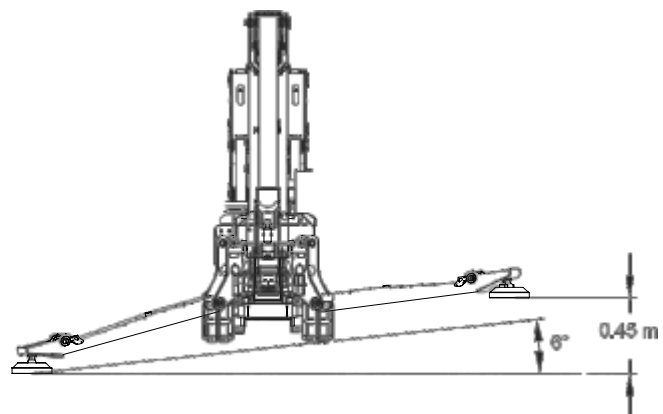
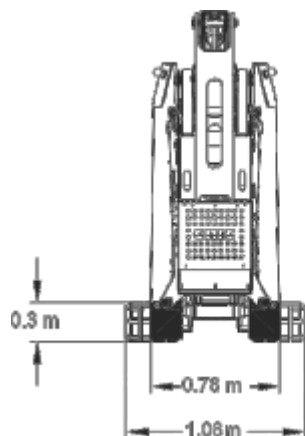
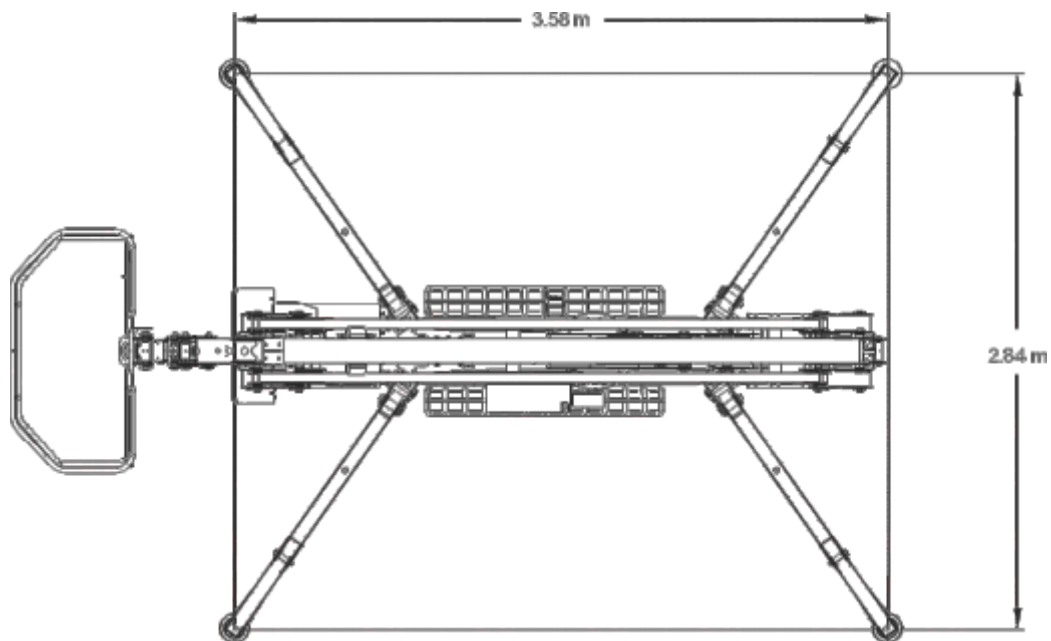
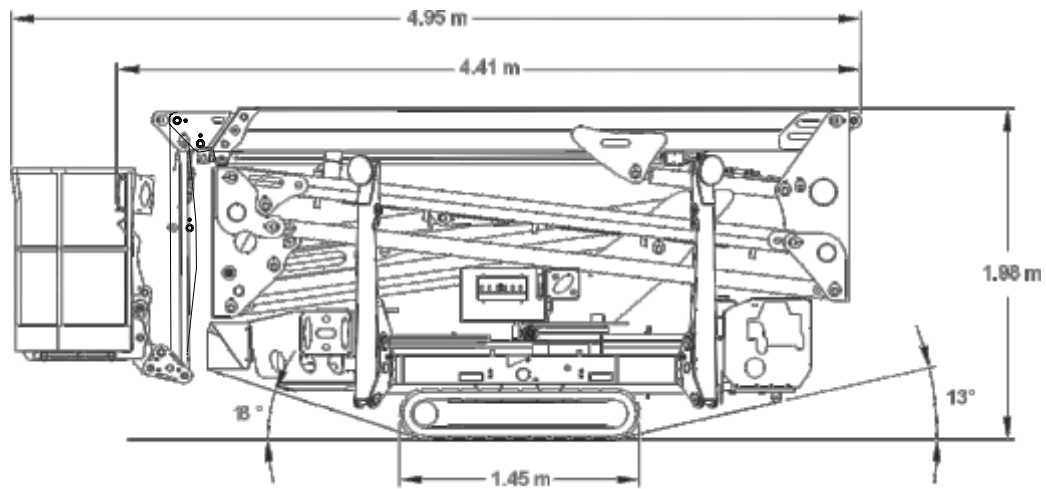
It's the best tool to work in tight spaces without compromising the outreach performance.

Max. working height	18.9 m
Max. reach with 120 kg	9.5 m
Platform height	16.9 m
Max. load in basket	230 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Turret rotation	+/- 178°(356° non-continuous)
Total weight	2435 Kg



MLIFT S19N

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S22HD

ARTICULATED SPIDER LIFT-CRAWLER



TECHNICAL SHEET

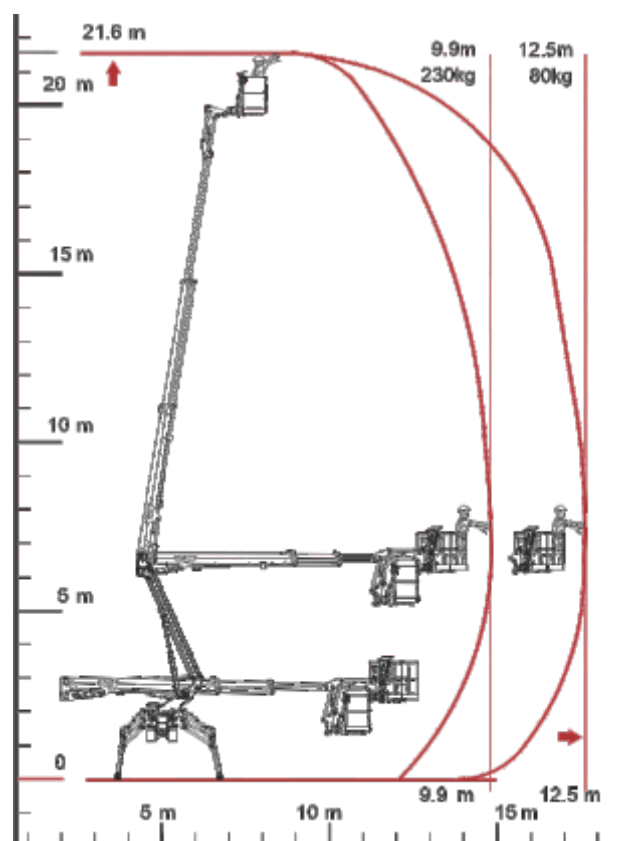
PERFORMANCE AND DIMENSIONS

Main features

An articulated platform with a pantograph and a two-stage telescopic boom plus jib.

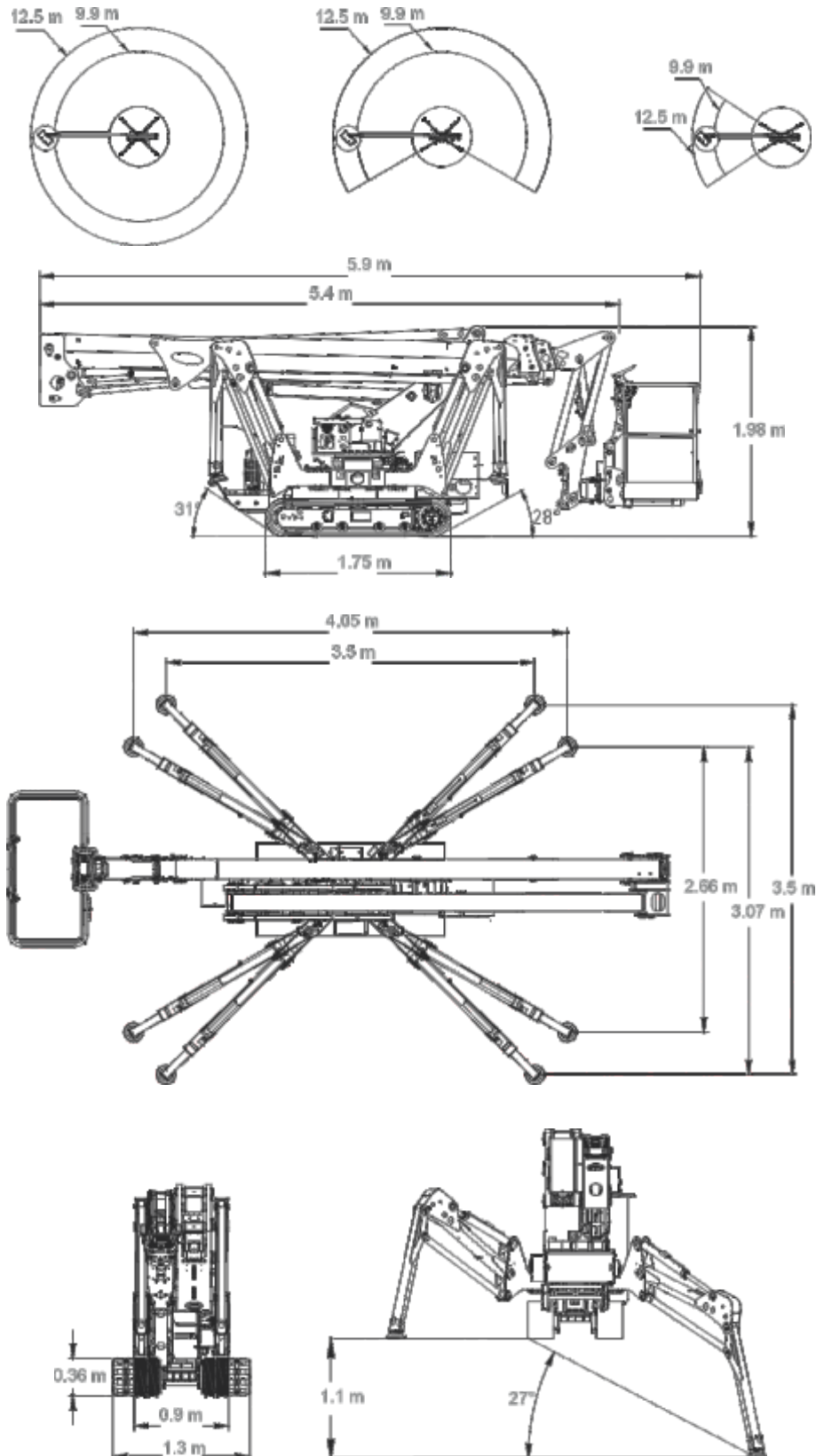
This combination, together with its stabilizers of high levelling capacity, three working areas and long horizontal reach, makes it ideal for all outdoor works, even in extreme conditions.

Max. working height	21.6 m
Max. reach with 80 kg	12.5 m
Platform height	19.6 m
Max. load in basket	230 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+/- 90° (options)
Turret rotation	+/- 355° (710° continuous)
Total weight	3005 Kg



MLIFT S22HD

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S23

ARTICULATED SPIDER LIFT-CRAWLER



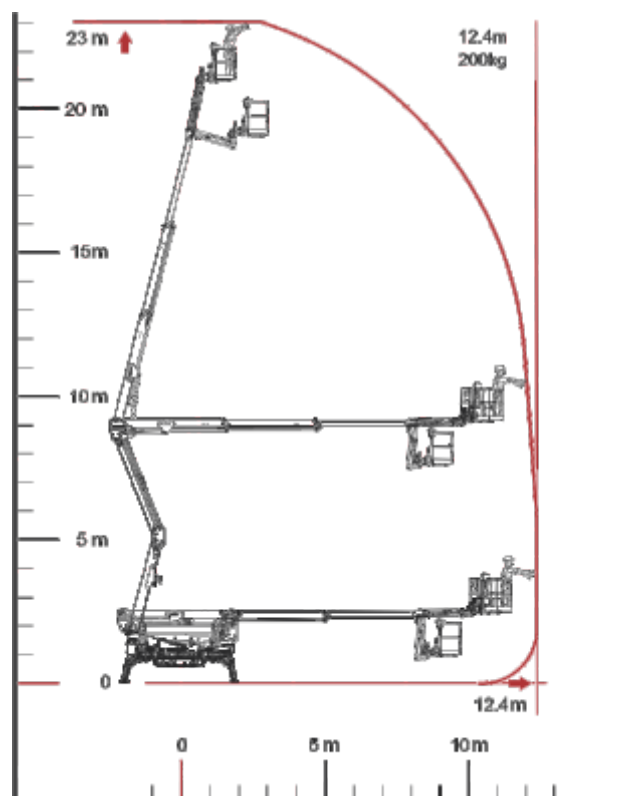
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

With the excellent combination of weight, strength and working height, it's the most compact platform with the longest outreach in its category. Equipped with the Self Control System, developed by Mlift, for automatic stabilisation control, manoeuvring speed, automatic closure of the aerial part and collision prevention.

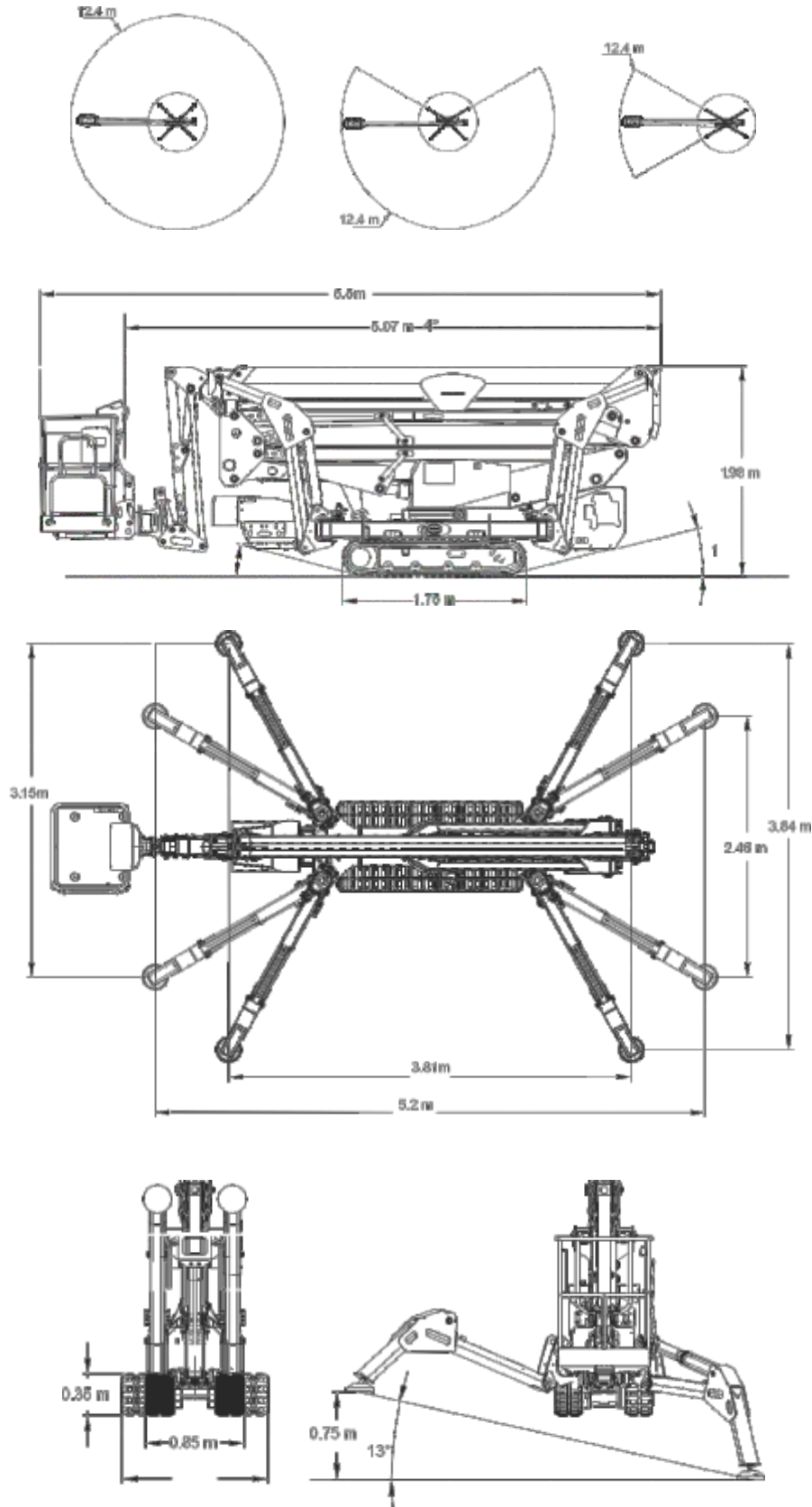
Max. working height	23 m
Max. reach with 200 kg	12.4 m
Platform height	21 m
Max. load in basket	200 kg
Basket dimensions	1.4 x 0.7 x 1.1 m
Basket rotation	+/- 90° (options)
Turret rotation	+/- 355° (710° continuous)
Total weight	2865 Kg



MLIFT

S23

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S25

ARTICULATED SPIDER LIFT-CRAWLER



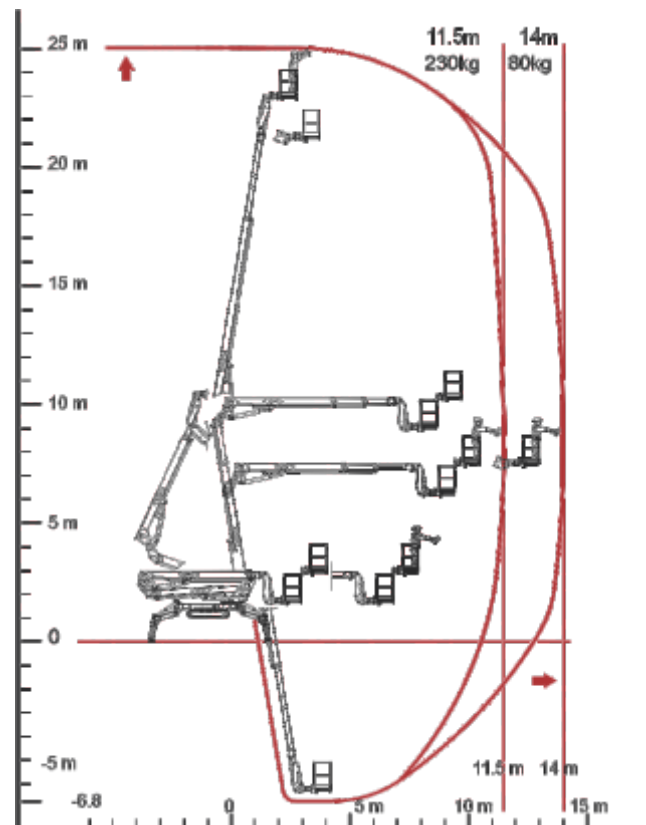
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

This platform has compact design and high-performance capabilities: 25m working height, 14m of horizontal reach and the ability to work in negative, down to -6.8m. With four stabilisation areas, it can perform a wide range of tasks with outstanding efficiency and reliability.

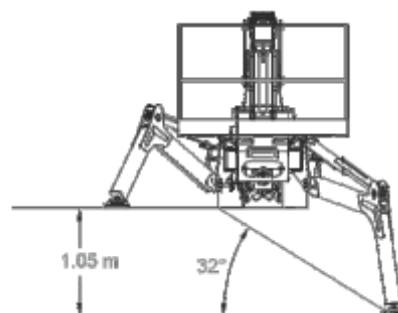
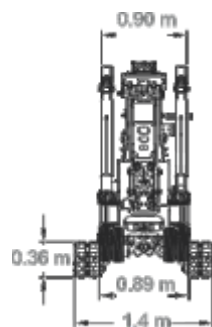
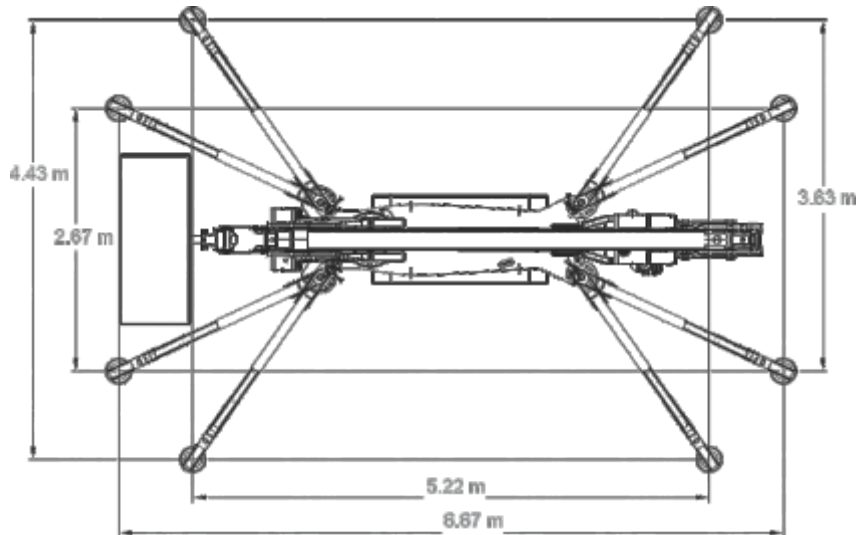
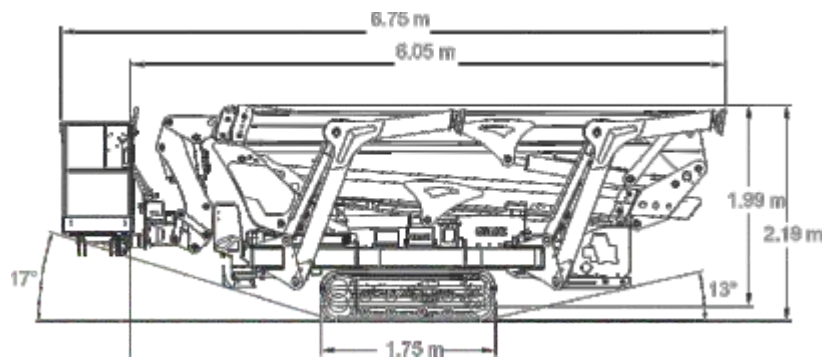
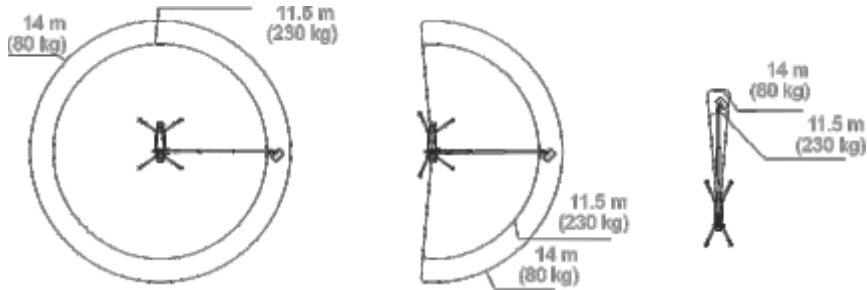
Max. working height	25 m
Possibility of working in negative	-6.8 m
Max. outreach with 80 kg	14 m
Platform height	23 m
Max. load in basket	230 kg
Basket dimensions	1.7 x 0.7 x 1.1 m
Basket rotation	+/-90°
Turret rotation	+/- 200° (400° continuous)
Total weight	3885 Kg



MLIFT

S25

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S28

ARTICULATED SPIDER LIFT-CRAWLER



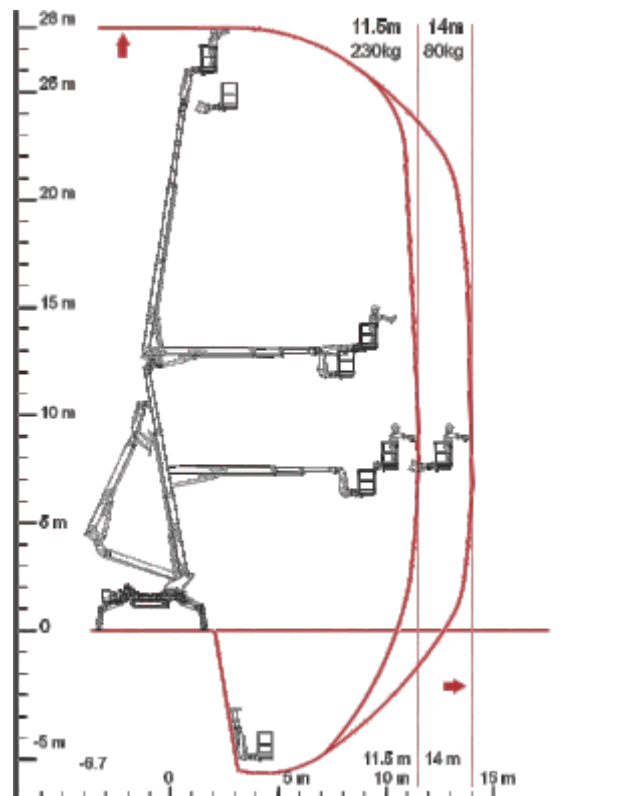
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

A bundle of power and technology capable of performing in any application. It has four stabilisation areas, two working areas and climbing outriggers for working on all types of terrain and reaching even the most difficult spots with its maximum working height of 28m, lateral outreach of 14m and the ability to work in negative down to -6.7m.

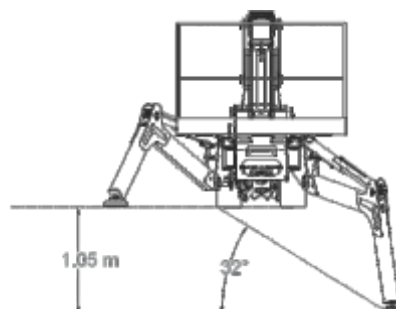
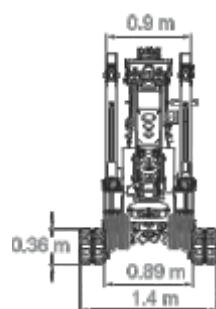
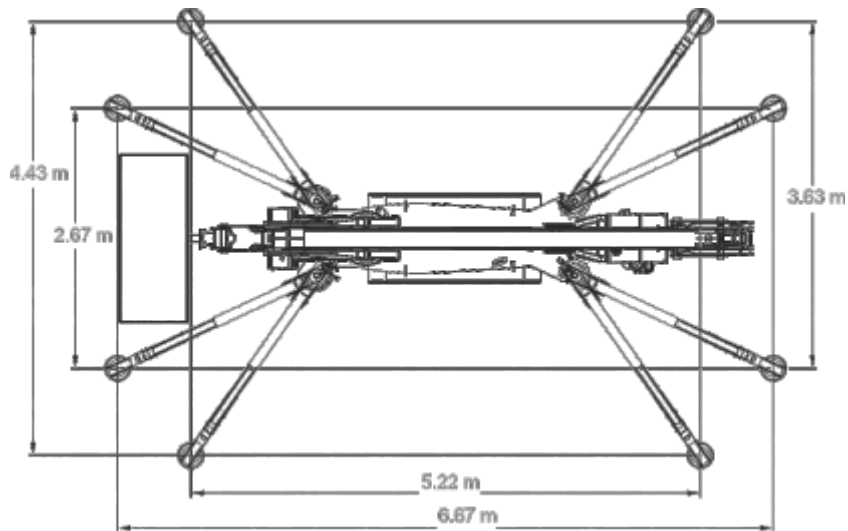
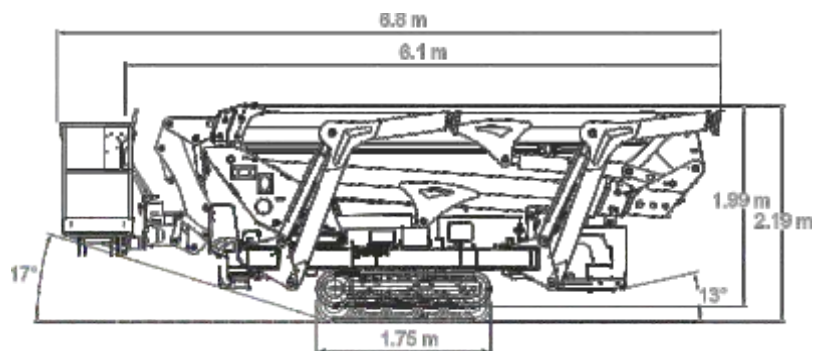
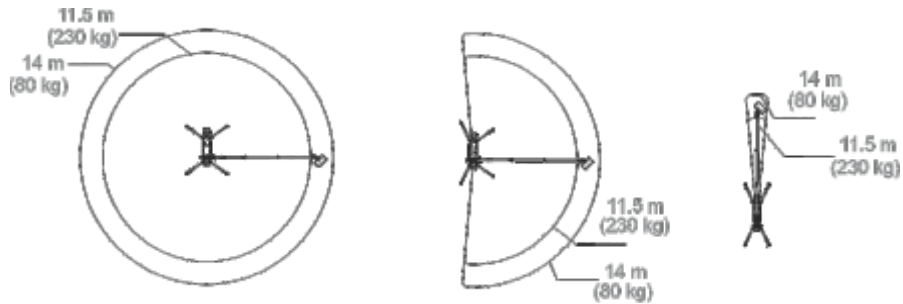
Max. working height	27.9 m
Possibility of working in negative	-6.7 m
Max. outreach with 80 kg	14 m
Platform height	25.9 m
Max. load in basket	230 kg
Basket dimensions	1.7 x 0.7 x 1.1 m
Basket rotation	+/-90°
Turret rotation	+/- 200°(400° continuous)
Total weight	4123 Kg



MLIFT

S28

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT

S41

ARTICULATED SPIDER LIFT-CRAWLER



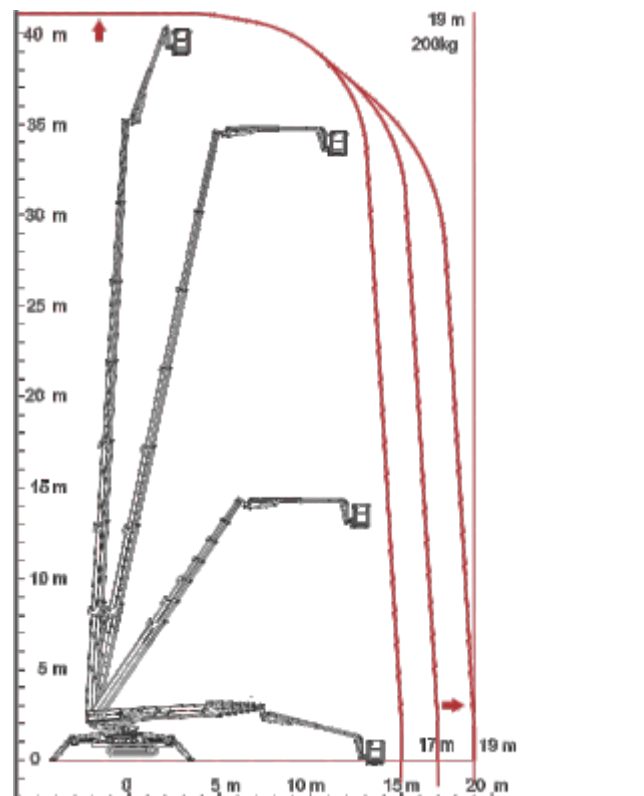
TECHNICAL SHEET

PERFORMANCE AND DIMENSIONS

Main features

No one is in its league. With its telescopic boom with 6 extensions, plus the articulated telescopic jib, the Mlift S41 is capable of reaching the extraordinary working height of 41m above the ground and the lateral outreach up to 19m with a unique payload of 200kg.

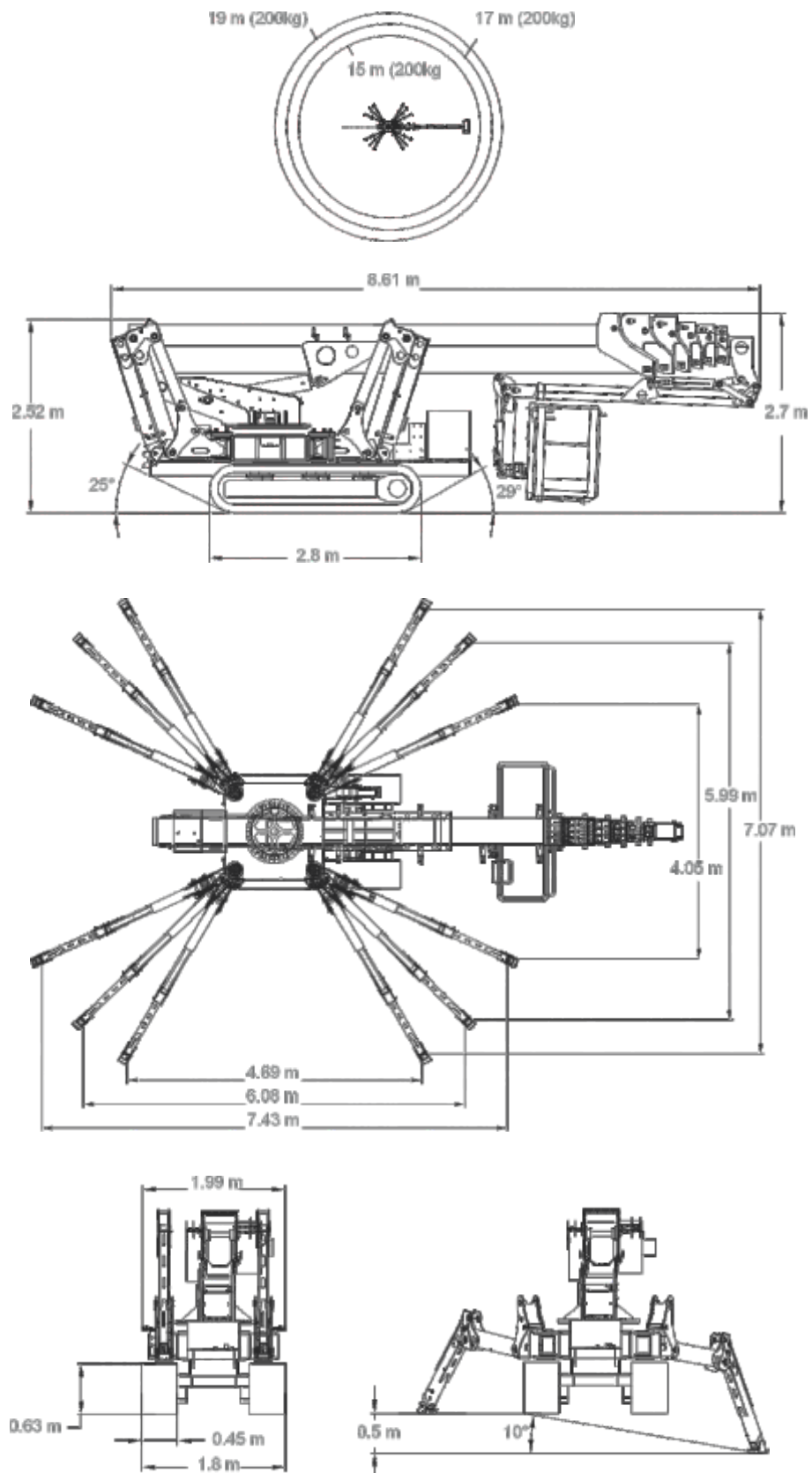
Max. working height	41 m
Max. outreach with 200 kg	19 m
Platform height	39 m
Max. load in basket	200 kg
Basket dimensions	2 x 0.8 x 1.1 m
Basket rotation	+90°
Turret rotation	+/- 180° (360° continuous)
Total weight	13460 Kg



MLIFT

S41

ARTICULATED SPIDER LIFT-CRAWLER



MLIFT
LEOPARD
ARTICULATED SPIDER LIFT-CRAWLER



LEOPARD

14 | 18 | 21 | 25



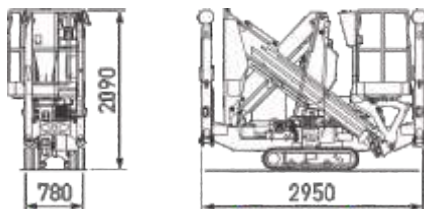
MLIFT LEOPARD ARTICULATED SPIDER LIFT-CRAWLER



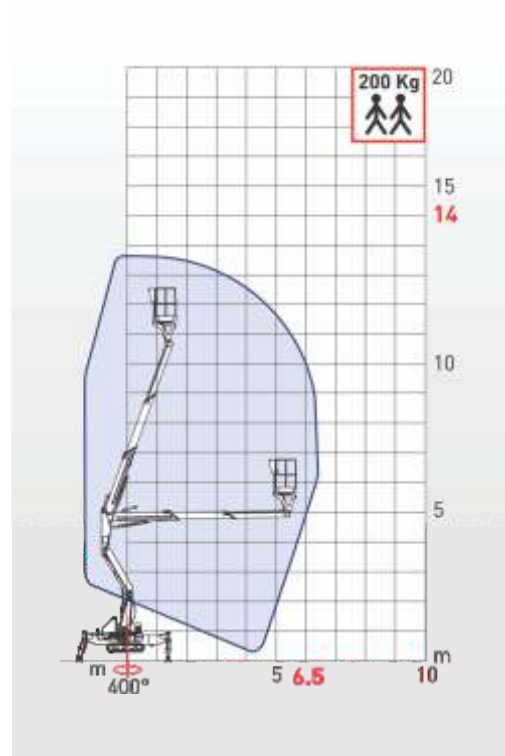
LEOPARD 14

Working diagram

100% HYDRAULIC



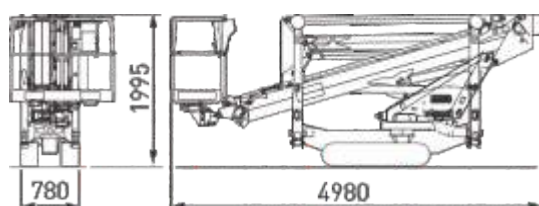
14 m	6,5 m	200 kg	400°	90°+ 90°	



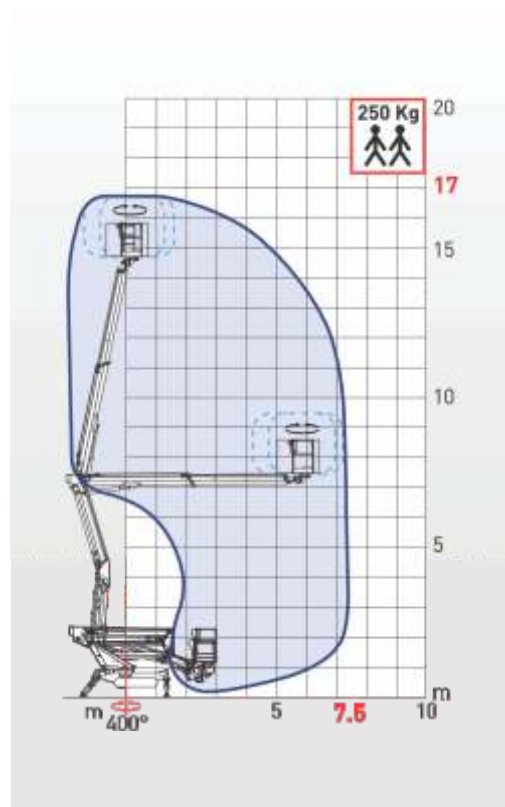
LEOPARD 18

Working diagram

ELECTRO-HYDRAULIC



17 m	7,5 m	250 kg	400°	90°+ 90°	



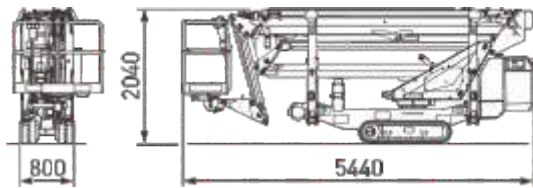
MLIFT LEOPARD ARTICULATED SPIDER LIFT-CRAWLER



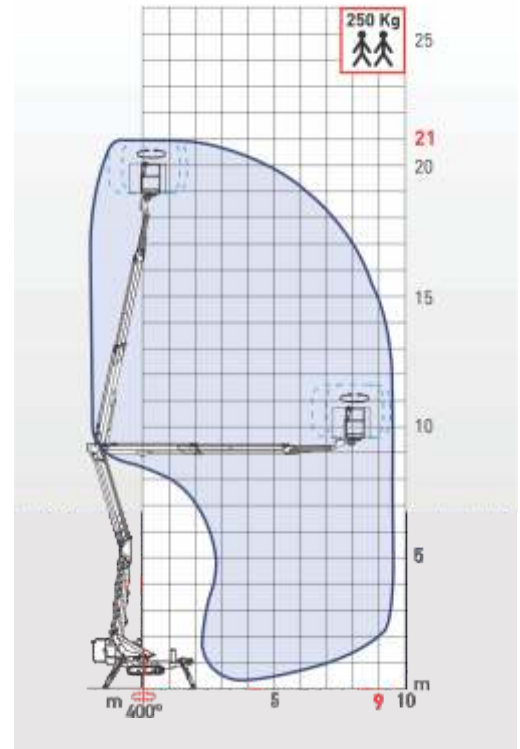
LEOPARD 21

Working diagram

ELECTRO-HYDRAULIC



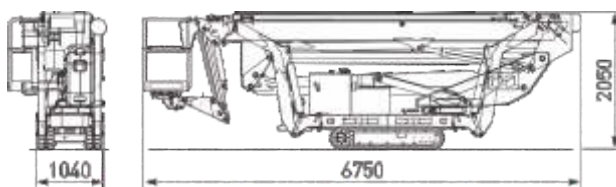
21 m	9 m	250 kg	400°	90°+90°	



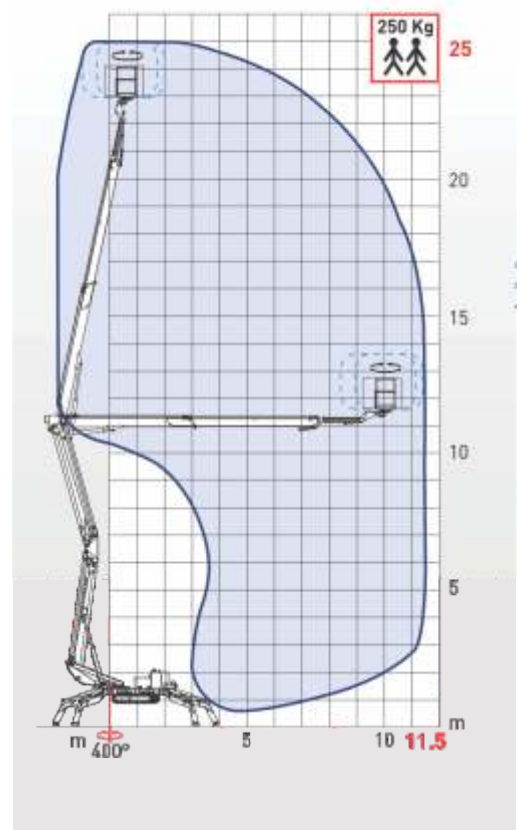
LEOPARD 25

Working diagram

ELECTRO-HYDRAULIC



25 m	11,5 m	250 kg	400°	90°+90°	



MLIFT
LEOPARD
ARTICULATED SPIDER LIFT-CRAWLER



LEOPARD

14 | 18 | 21 | 25

Safety and technology for aerial works



- Working height from 14 to 25 m
- Lateral outreach up to 11.5 m
- Basket capacity max. of 250 kg
- Turret rotation: 400° for 14 m model, 400° for 18, 21 and 25 m models
- Extendable crawler undercarriage (18, 21 and 25 m models)
- Dual speed
- Lithium battery version
- Proportional electro-hydraulic controls
- Wireless remote control
- Petrol engine
- Electric power socket 230 V in basket
- Supplementary electric engine 230 V
- Non-marking crawler track





**TRACK
MOUNTED
SPIDER LIFT**

**FALCON
135Z
TRACK-MOUNTED SPIDER LIFT**



EXCLUSIVE

**SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS**

**FALCON 135Z
(FALCON 44Z)**



FALCON 135Z TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon has an extremely versatile boom configuration and machine compactness which make the Falcon models the best choice for maintainers, pruners, installers and hires.

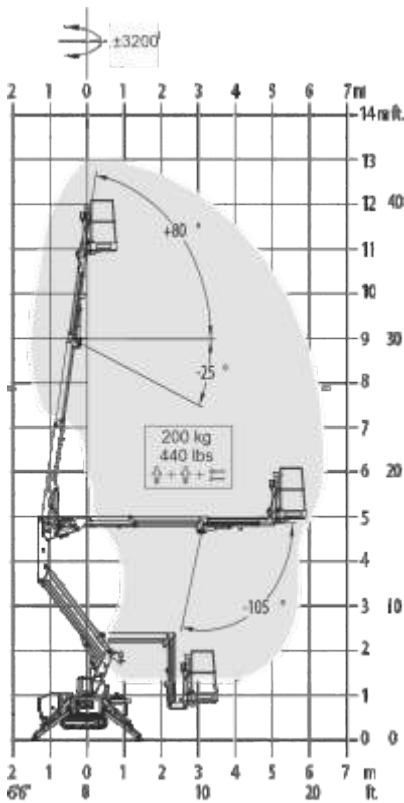
- Facility management
- Atrium access
- Narrow access
- Tree care
- Best quality & safety
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power - Bi-energy Hybrid

The Falcon is capable of passing through a door opening a mere 0.8 m (2'7") wide and 2 m (6'6") high. Further details on the Falcon 135Z (44Z) is mentioned on the following pages.

FALCON 135Z TRACK-MOUNTED SPIDER LIFT



Falcon 135Z (Falcon 44Z)



▲
Working height and reach.

Model:	Falcon 135Z	Falcon 44Z
	Metric	US
Working height:	13 m	42'8"
Maximum reach:	6.5 m	21'4"
Basket load:	200 kg	440 lbs
Aluminium basket:	130x78x110 m	4'3"x2'7"x3'7"
Turret rotation:	±320°	±320°
Dimensions (transport position)		
Total height:	2 m	6'6"
Total length:	3.76 m	12'4"
Total width:	0.78 m	2'7"
Gradability:	31%	31%
Weight approx.:	1600 kg*	3520 lbs*

*Depending on optional equipment

FALCON 135Z

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Articulated boom (one element)
- Telescopic boom (main boom + extensions)
- Jib
- $\pm 320^\circ$ turret rotation
- Engine start and stop controls from basket
- Basket with aluminium guardrails
- Automatic basket levelling
- Basket load sensing device
- 4 hydraulic outriggers
- Power supply in basket
- Gradability approximately 31%
- Drive speed max 1.5 Km/h (0.9 mph)
- Electro-hydraulic steering from the ground with remote control (wire)
- AC 1.5 kW motor
- Hour meter
- Standard boom colours Grey (RAL 7035) and chassis Blue (RAL5002)
- EN 280:2013 CE Certified
- ANSI Certified

Available with one of the following engines:

- Diesel (Lombardini)
- Petrol (Honda 15 HP)

OPTIONS:

- Dust Cover for Storage
- Nylon plates for outriggers
- Special colour
- Anti entrapment device
- Non-marking crawlers
- Air/water in basket



**FALCON
160Z
TRACK-MOUNTED SPIDER LIFT**



EXCLUSIVE

**SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS**

**FALCON 160Z
(FALCON 53Z)**



FALCON 160Z TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon has an extremely versatile boom configuration and machine compactness which make the Falcon models the best choice for maintainers, pruners, installers and hires.

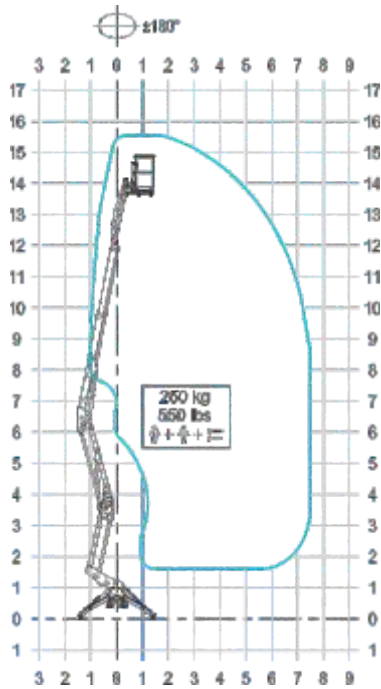
- Facility management
- Atrium access
- Narrow access
- Tree care
- Best quality & safety
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power - Bi-energy Hybrid

The Falcon is capable of passing through a door opening a mere 0.8 m (2'7") wide and 2 m (6'6") high. Further details on the Falcon 160Z (53Z) is mentioned on the following pages.

FALCON 160Z TRACK-MOUNTED SPIDER LIFT



Falcon 160Z (Falcon 53Z)



Working height and reach.

Model:	Falcon 160Z	Falcon 53Z
	Metric	US
Working height:	15.8 m	51'10"
Maximum reach:	7.5 m	24'7"
Basket load:	250 kg	550 lbs
Aluminium basket:	140x70x110 m	4'7"x2'4"x3'7"
Turret rotation:	±180°	±180°
Dimensions (transport position)		
Total height:	1.99 m	6'6"
Total length:	3.87 m	12'8"
Total width:	0.78 m	2'7"
Gradability:	25%	25%
Weight approx.:	2400 k g*	5280 lbs*
*Depending on optional equipment		

FALCON 160Z

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Articulated boom (two elements)
- Telescopic boom (main boom + 1 extension)
- Jib - raise and drive functionality
- $\pm 180^\circ$ turret rotation
- Engine start and stop controls from basket
- Basket with aluminium guardrails
- Basket rotation $\pm 90^\circ$
- Automatic basket levelling
- Basket load sensing device
- 4 hydraulic outriggers
- Automatic stabilization
- Power supply in basket
- Gradability approximately 25%
- Drive speed max 1.5 Km/h (0.9 mph)
- 2.4GHz remote control with integrated display-Go-home function, stabilization and start/stop
- AC 2.2 kW motor
- Hour meter
- Forklift pockets
- Standard boom colours Grey (RAL 7035) and chassis Blue (RAL5002)
- EN 280:2013 CECertified
- ANSI Certified

OPTIONS:

- Dust Cover for Storage
- Special colour
- Anti entrapment device
- Non-marking crawlers
- Air/water in basket
- GSM module for remote access and monitoring
- Winch with 230 Kg/506 lbs.

Available with one of the following engines:

- Diesel (Lombardini)
- Petrol (Honda 15 HP)
- Lithium batteries 48V 100 Ah

**FALCON
200Z**

TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

**SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS**

**FALCON 200Z
(FALCON 66Z)**



FALCON 200Z TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon has an extremely versatile boom configuration and machine compactness which make the Falcon models the best choice for maintainers, pruners, installers and hires.

- Facility management
- Atrium access
- Narrow access
- Tree care
- Best quality & safety
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power - Bi-energy Hybrid

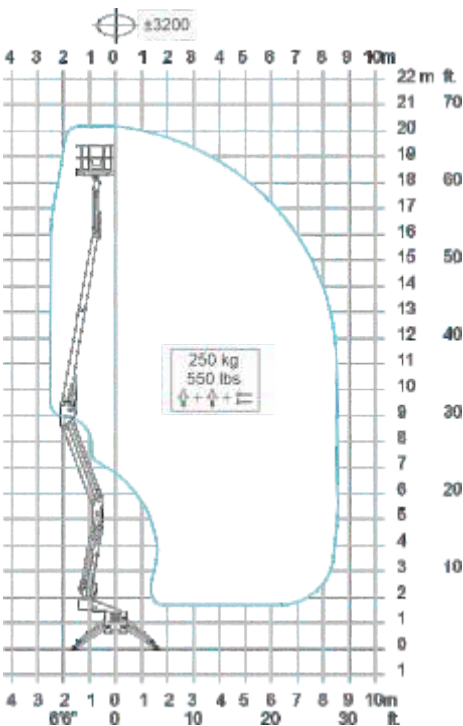
The Falcon is capable of passing through a door opening a mere 0.8 m (2'7") wide and 2 m (6'6") high. Further details on the Falcon models are mentioned on the following pages.



FALCON 200Z TRACK-MOUNTED SPIDER LIFT



Falcon 200Z (Falcon 66Z)



▲ Working height and reach.

Model:	Falcon 200Z	Falcon 66Z
	Metric	US
Working height:	20 m	65'7"
Maximum reach:	8.5 m	27'11"
Basket load:	250 kg	550 lbs
Aluminium basket:	140x70x110 cm	4'7"x2'4"x3'7"
Turret rotation:	±320°	±320°
Dimensions (transport position)		
Total height:	2 m	6'6"
Total length:	5.324 m	17'6"
Total width:	0.78 m	2'7"
Gradability:	25%	25%
Weight approx.:	2782 kg	6120 lbs*

*Depending on optional equipment

FALCON 200Z

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Articulated boom (two elements)
- Telescopic boom (main boom + extensions)
- Jib
- $\pm 320^\circ/\pm 330^\circ$ turret rotation
- Engine start and stop controls from basket
- Basket with aluminium guardrails
- Automatic basket levelling
- Basket load sensing device
- 4 hydraulic outriggers
- Power supply in basket
- Gradability approximately 25%
- Drive speed max 1,5 Km/h (0,9 mph)
- Electro-hydraulic steering from the ground with remote control (wire)
- AC 1.5 kW motor
- Hour meter
- Standard boom colours Grey (RAL 7035) and chassis Blue (RAL5002)
- EN280:2013CE Certified
- ANSICertified

OPTIONS:

- Dust Cover for Storage
- Nylon plates for outriggers
- Special colour
- Anti entrapment device
- Non-marking crawlers
- Basket rotation
- Air/water in basket
- Automatic stabilisation from basket

Available with one of the following engines:

- Diesel (Kubota 2 cyl. water cooled)
- Petrol (Honda 15 HP)

**FALCON
230Z
TRACK-MOUNTED SPIDER LIFT**



EXCLUSIVE

**SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS**

**FALCON 230Z
(FALCON 76Z)**



FALCON 230Z TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon has an extremely versatile boom configuration and machine compactness which make the Falcon models the best choice for maintainers, pruners, installers and hires.

- Facility management
- Atrium access
- Narrow access
- Tree care
- Best quality & safety
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power - Bi-energy Hybrid

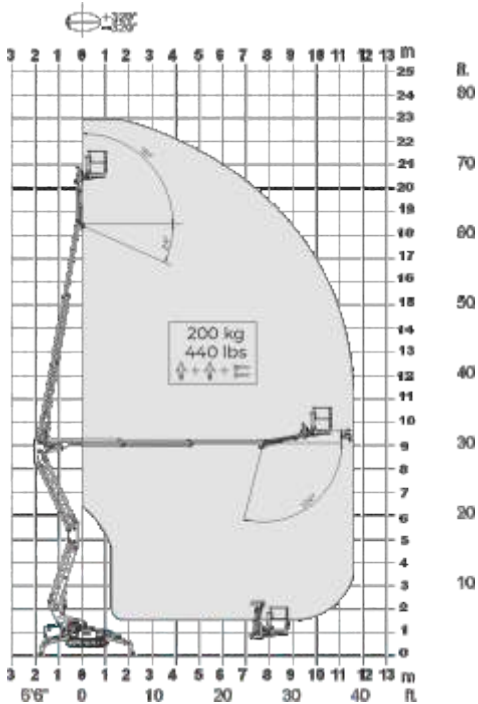
The Falcon is capable of passing through a door opening a mere 0.8 m (2'7") wide and 2 m (6'6") high. Further details on the Falcon 230Z (76Z) is mentioned on the following pages.



FALCON 230Z TRACK-MOUNTED SPIDER LIFT



Falcon 230Z
(Falcon 76Z)



▲ Working height and reach.

Model:	Falcon 230Z	Falcon 76Z
--------	-------------	------------

	Metric	US
Working height:	23 m	75'6"
Maximum reach:	12.0 m	39'4"
Basket load:	200 kg	440 lbs
Aluminium basket:	130x70x110 m	4'3"x2'4"x3'7"
Turret rotation:	+320° / -320°	+320° / -320°
Dimensions (transport position)		
Total height:	2.0 m	6'7"
Total length:	5.337 m	17'6"
Total width:	0.78 m	2'7"
Gradability:	31%	31%
Weight approx.:	2900 kg*	6380 lbs*

*Depending on optional equipment

FALCON 230Z

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Articulated boom (two elements)
- Telescopic boom (main boom + 2 extensions)
- Jib
- $\pm 320^\circ$ turret rotation
- Engine start and stop controls from basket
- Basket with aluminium guardrails
- Basket rotation 180°
- Automatic basket levelling
- Basket load sensing device
- 4 hydraulic outriggers
- Power supply in basket
- Gradability approximately 31%
- Drive speed max 2 Km/h (1,25 mph)
- Wireless remote control
- AC 2,2 kW motor
- Flexible outrigger settings
- Hydraulic opening of outriggers
- Hour meter
- Standard boom colours Grey (RAL 7035) and chassis Blue (RAL5002)
- EN280:2013CE Certified
- ANSICertified

Available with one of the following engines:

- Diesel (Kubota)

Or Lithium version

- Lithium batteries 48V 300 Ah (Falcon 230Z Lithium/
Falcon 76Z Lithium)

OPTIONS:

- Dust Cover for Storage
- Nylon plates for outrigger
- Special colour
- Anti entrapment device
- Non-marking crawlers
- Air/water in basket
- GSM module for remote access and monitoring

FALCON
270Z
TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 270Z
(FALCON 88Z)



FALCON 270Z TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon has an extremely versatile boom configuration and machine compactness which make the Falcon models the best choice for maintainers, pruners, installers and hires.

- Facility management
- Atrium access
- Narrow access
- Tree care
- Best quality & safety
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power - Bi-energy Hybrid

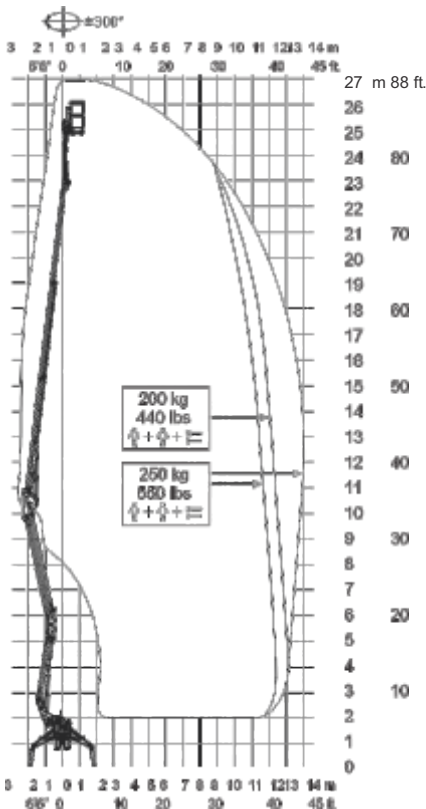
The Falcon is capable of passing through a door opening a mere 0.8 m (2'7") wide and 2 m (6'6") high. Further details on the Falcon 270Z (88Z) is mentioned on the following pages.



FALCON 270Z TRACK-MOUNTED SPIDER LIFT



Falcon 270Z
(Falcon 88Z)



Working height and reach.

Model:	Falcon 270Z	Falcon 88Z
--------	-------------	------------

	Metric	US
Working height:	27 m	88' 7"
Maximum reach:	14.0 m	45'11"
Basket load:	250 kg	550 lbs
Aluminium basket:	140x70x110 m	4'7"x2'4"x3'7"
Turret rotation:	+320° / -320°	+320° / -320°
Dimensions (transport position)		
Total height:	1.99 m	6'6"
Total length:	6.471 m	21'3"
Total width:	0.79 m	2'7"
Gradability:	28%	28%
Weight approx.:	4350 kg*	9570 lbs*

*Depending on optional equipment

FALCON 270Z

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Articulated boom (two elements)
- Telescopic boom (main boom + 2 extensions)
- Jib - raise and drive jib functionality
- $\pm 300^\circ$ non-continuous turret rotation
- Engine start and stop by remote control
- Basket with aluminium guardrails
- Basket rotation $\pm 90^\circ$
- Automatic basket levelling and self centering
- Basket load sensing device
- 4 hydraulic outriggers
- Power supply in basket
- Gradability approximately 28°
- Dual drive speed max 1.6 Km/h (1 mph)
- Wireless remote control with graphic diagnostic display
- AC 2.2 kW motor
- Flexible outrigger settings
- Extendable track width
- Hour meter
- Go home function
- Anti Crush
- Standard boom colours Grey (RAL 7035) and chassis Blue (RAL5002)
- EN280:2013CE Certified
- ANSICertified

Triple power source :

- Diesel (Kubota) + 24V DC Battery + 230/110 V AC

OPTIONS:

- Dust Cover for Storage
- Special colour
- Anti entrapment device
- Non-marking crawlers
- Air/water in basket
- GSM module for remote access and monitoring
- Winch with 230 kg/506 lbs. lifting capacity

FALCON
320 VARIO
TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 320 *Vario*



FALCON 320 VARIO TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon Spider Atrium Lift is an original Falcon Spider Lift with market leading features.

The Falcon Spider Atrium Lift was invented in the 1970's, and developed ever since.

The Falcon Spider Atrium Lift FALCON 320 Vario is very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Double jib system
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Variable crawler chassis
- Power - Bi-energy Hybrid

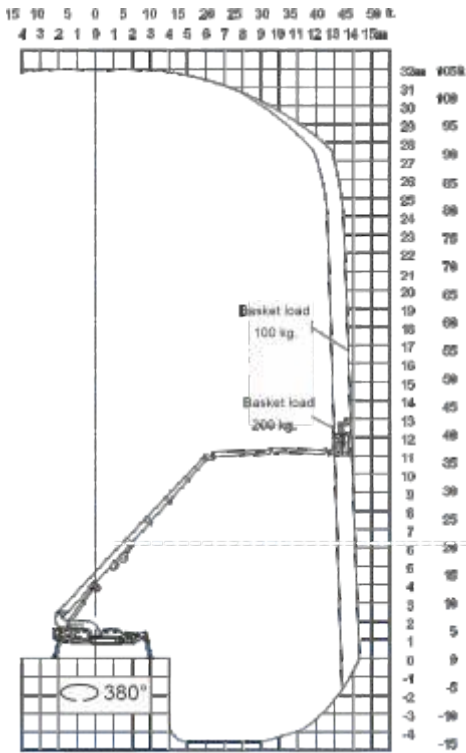
The Falcon Spider Atrium Lift is capable of passing through a door opening a mere 1.25 m wide and 1.84 m high. Further details on the Falcon Spider Atrium Lift FALCON 320 Vario is mentioned on the following pages.

FALCON 320 VARIO TRACK-MOUNTED SPIDER LIFT



Model: **FALCON 320** **FALCON 320 Vario**

FALCON 320Vario



Working height:	32 m
Maximum reach:	14-15 m
Double jib (2 x 3 m):	6 m
Jib rotation:	200°
Basket load:	200 kg
Aluminium basket:	(0.8 x 1.4 m)
Basket rotation (option):	+/- 90°
Turret rotation:	380°

Dimensions (transport position)

Total height:	1.84-2.09 m
Total length:	7.20 m
Total width:	1.25-1.58 m
Gradability (standard):	20° / 37%
Weight approx.:	5550 kg*

*Depending on optional equipment



Working height and reach.

FALCON

320 VARIO

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled
- Battery powered with charger (180 Ah)
- Double jib
- 380° turret rotation, with integrated stop
- Individual setting of each outrigger
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Ability to self-load onto trucks or trailers
- Height adjustable crawlers
- Adjustable track width 1.25-1.58 m
- Minimum width only 1.25 m
- Space for tools etc. in basket
- Storage room with lock in chassis
- Diesel engine Kubota 3 cyl. 19 kW
- Wireless remote control of all functions
- Service tool (Remote access via laptop)
- Non marking crawlers
- Slope alarm

OPTIONS:

- +/-90° basket rotation
- 220V AC power supply in the basket
- Air / water supply in the basket
- Sensor system on basket
- 400V AC Phase 3 direct powered electro motor
- 4 pcs extra batteries
- Autosetting/levelling
- Dust Cover for Storage
- Special outrigger footplates
- Basket in various sizes
- Anemometer wind warning system
- Special colour
- GSM module for remote access and monitoring
- Anti entrapment device

FALCON
330Z-VARIO
TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 330Z *Vario*



FALCON 330Z-VARIO TRACK-MOUNTED SPIDERLIFT



The ultimate compact platform

The new articulated Falcon Spider Crawler Lift FALCON 330Z Vario, sets new standards.

The Falcon Spider Crawler Lift FALCON 330Z Vario is the highest articulated Z-boom on the market.

The Falcon Spider Crawler Lift FALCON 330Z Vario is an original Falcon Spider Lift with market leading features. The Falcon Spider was invented in the 1970's, and developed ever since. The Falcon Spider Crawler Lift FALCON 330Z Vario is very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power – Bi-energy Hybrid
- Variable crawler chassis

The articulated Z-boom, with four section telescopic system and 110° rotation jib, offers the user a superior working envelope. Maximum working height is 33 metres, 19 metres reach at an up and over height of 11 metres.

The crawler chassis with variable width from 1.2 metres to 1.5 metres, offers impressive flexibility.

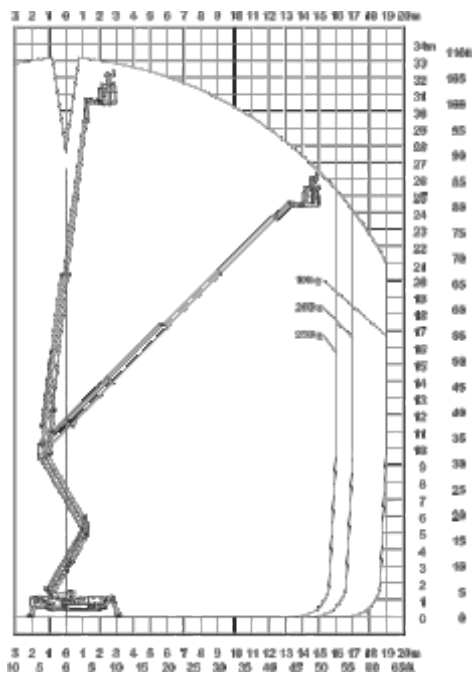
FALCON 330Z-VARIO TRACK-MOUNTED SPIDER LIFT



Model: FALCON 330Z

FALCON 330Z Vario

FALCON 330Z Vario



Working height and reach.

Working height:	33 m
Maximum reach:	16 - 19 m
Jib rotation:	110°
Basket load:	250 kg
Aluminium basket:	(0.8 x 1.4 m)
Basket rotation:	+ / - 90°
Turret rotation:	380°
Dimensions (transport position)	
Total height:	1.99 - 2.25 m
Total length:	7.30 m
Total width (min):	1.25 - 1.58 m
Gradability (standard):	20° / 37%
Weight approx.:	6.200 kg*

*Depending on optional equipment

FALCON

330Z-VARIO

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled 2 speed selection
- Battery powered with charger 180 Ah
- Jib 110°
- 380° turret rotation, with integrated stop
- +/- 90° basket rotation
- Ability to self-load onto trucks or trailers
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Adjustable track width
- Minimum width only 1.25 m
- Space for tools etc. in basket
- Storage room in chassis with lock
- Kubota diesel engine, 3 cyl. 19 kw
- Wireless remote control of all functions
- 110V/220V AC power supply in the basket
- Non marking crawlers
- Individual setting of each outrigger
- Falcon Service Tool (remote access via laptop)

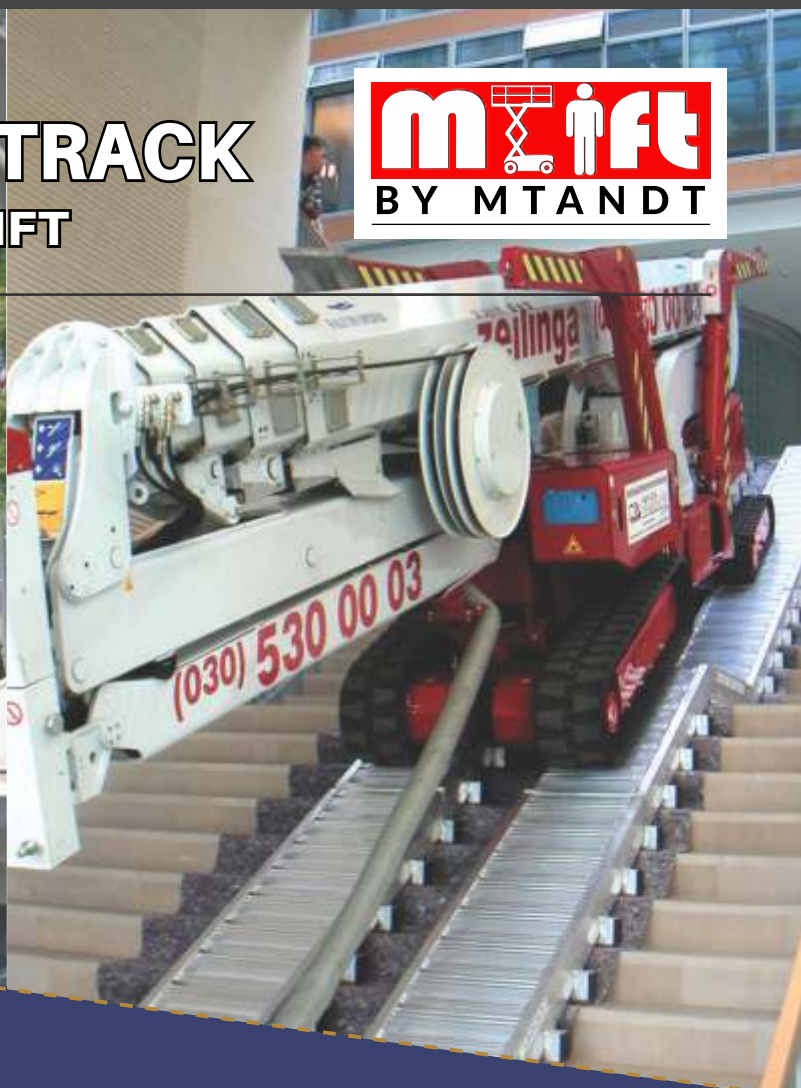
OPTIONS:

- Hazard lights kit (strobe lights, working lamp)
- Protection kit (enhanced shields/cover)
- 400V AC Phase 3, 7.5 kW/16A
- Autosetting / Leveling
- Special outrigger footplates
- Special colour
- Service tool
- Anti entrapment system
- Dust Cover for Storage
- GSM module for remote access and monitoring

FALCON

370/420-DOUBLE-TRACK

TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 370 / 420 *Double Track*

FALCON 370/420-DOUBLE-TRACK TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

Compact design, flexibility, minimum weight, maximum reach and safety are qualities which users of the Falcon Spider Atrium Lift series appreciate in their daily work.

The Falcon Spider Atrium Crawler Lifts FALCON 370/420 Double Track are original Falcon Spider Lifts with market leading features.

The Falcon Spider Atrium Crawler Lifts FALCON 370/420 Double Track have a 37-42 m working height, and are designed as double crawler models.

The Falcon Spider Atrium Lift was originally invented in the 1970's, and developed ever since. The Falcon Spider Atrium Crawler Lifts FALCON 370/420 Double Track are very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Double jib system

- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power – Bi-energy Hybrid

The Falcon Spider Atrium Crawler Lifts FALCON 370/420 Double Track are capable of passing through a door opening a mere 1.2 m wide and 2.1 m high. Further details on the Falcon Spider Atrium Crawler Lifts FALCON 370/420 Double Track are mentioned on the following pages.

Features such as the double jib, automatic outrigger positioning, steering of outrigger and chassis from the wireless remote control, turns the Falcon Spider Atrium Lift series into a product category matching the demand of today in regards to speed, usability and safety.

The crawler version in the Falcon Spider Atrium Lift series is recognised by its impressive driving properties and userfriendliness.

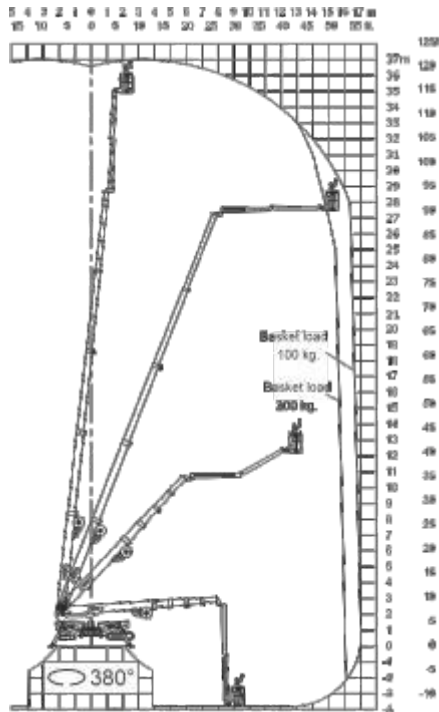
FALCON

370/420-DOUBLE-TRACK

TRACK-MOUNTED SPIDER LIFT



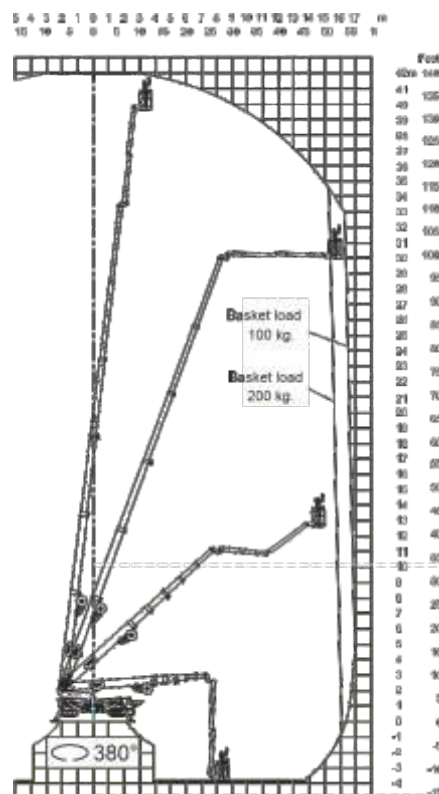
FALCON 370 Double Track



Working height and reach.



FALCON 420 Double Track



Working height and reach.

Model: **FALCON 370**
Double Track

FALCON 420
Double Track

Working height:	37 m	42 m
Maximum reach:	16-17 m	16-17 m
Double jib (2 x 3 m):	6 m	6 m
Double jib rotation:	200°	200°
Basket load:	200 kg	200 kg
Aluminium basket:	(0.8 x 1.4 m)	(0.8 x 1.4 m)
Basket rotation (option):	+ / - 90°	+ / - 90°
Turret rotation:	380°	380°

Dimensions (transport position)

Total height:	2.10 m	2.10 m
Total length:	8.10 m	8.25 m
Total width:	1.22 m	1.22 m
Gradability (standard):	30° / 58%	30° / 58%
Weight approx.:	7.500 kg*	8.200 kg*

*Depending on optional equipment

FALCON

370/420-DOUBLE-TRACK

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled
- Battery powered with charger (180 Ah)
- Double jib
- 380° turret rotation, with integrated stop
- Individual setting of each outrigger
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Ability to self-load onto trucks or trailers
- Double crawler system
- Front crawler section adjustable
- Adjustable track width
- Minimum width only 1.22 m
- Space for tools etc. in basket
- Storage room with lock in chassis
- Diesel engine
- Wireless remote control of all functions
- Falcon Service Tool (remote access via laptop)

OPTIONS:

- +/- 90° basket rotation
- 220V AC power supply in the basket
- Air / water supply in the basket
- Sensor system on basket
- Non marking crawlers
- Slope alarm
- 400V AC Phase 3, 7.5 kW/16A
- 4 pcs extra batteries
- Autosetting/levelling
- Dust Cover for Storage
- Special outrigger footplates
- Basket in various sizes
- Anemometer wind warning system
- Special colour
- GSM module for remote access and monitoring
- Anti entrapment device

FALCON
380XL-VARIO
TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 380XL *Vario*



FALCON 380XL-VARIO TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

Compact design, flexibility, minimum weight, maximum reach and safety are qualities which users of the Falcon Spider Atrium Lift series appreciate in their daily work.

The Falcon Spider Atrium Crawler Lift FALCON 380XL Vario is an original Falcon Spider Lift with market leading features.

The Falcon Spider Atrium Crawler Lift FALCON 380XL vario has a 38 m working height, and is designed with height adjustable crawlers and enhanced basket load of up to 450kg

The Falcon Spider Atrium Lift was originally invented in the 1970's, and developed ever since. The Falcon Spider Atrium Crawler Lifts FALCON380XL Vario is very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- GSM telecommunications and electrical network upgrades
- Single jib
- Best quality & safety

- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power – Bi-energy Hybrid

The Falcon Spider Atrium Crawler Lift FALCON 380XL Vario is capable of passing through a door opening a mere 1.43 m wide and 1.95 m high. Further details on the Falcon Spider Atrium Lift FALCON 380XL Vario is mentioned on the following pages.

New features such as XL-basket size and enhanced basket load of up to 450 kg, automatic outrigger positioning, steering of outrigger and chassis from the basket, turns The Falcon 380XL Vario into a product category matching the demand of today in regards to speed, usability and safety.

The variable crawler version in the Falcon Spider Atrium Lift series is recognised by its impressive driving properties and userfriendliness.

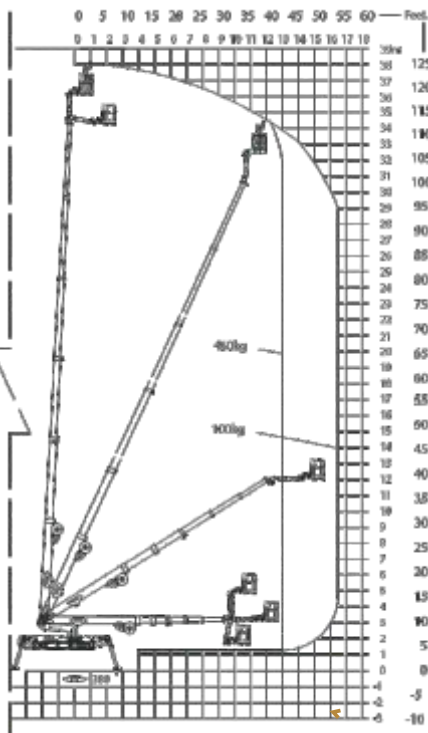
FALCON 380XL-VARIO TRACK-MOUNTED SPIDER LIFT



Model:

FALCON 380XL Vario

FALCON 380XL Vario



Working height and reach.

Working height: 38 m
Maximum reach: 13.5m - 16.5m
Jib rotation: 200°

Basket load: 450 kg

Aluminium basket: (0.8 x 2.0 m)
Basket rotation: + / - 90°
Turret rotation: 380°

Dimensions (transport position)

Total height: 1.95 - 2.23 m
Total length: 8.45 m
Total width (min): 143 - 1.72 m
Gradability (standard): 25° / 47%
Weight approx.: 8250 kg*

*Depending on optional equipment

FALCON

380XL-VARIO

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled 2 speed selection
- Battery powered with charger 180 Ah
- Single jib
- 380° turret rotation, with integrated stop
- +/- 90° basket rotation
- Ability to self-load onto trucks or trailers
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Adjustable track width
- Minimum width only 1.43 m
- XL-basket 450 kg capacity
- Storage room in chassis with lock
- Kubota diesel engine, 3 cyl. 18.5 kW/ 24.8 HP (Tier 4 / EU Stage V)
- Wireless remote control of all functions
- 110V/220V AC power supply in the basket
- Non marking crawlers
- Individual setting of each outrigger
- Falcon Service Tool (remote access via laptop)
- EN 280:2013 CE Certified
- ANSI Certified

OPTIONS:

- Hazard lights kit (strobe lights, working lamp)
- Protection kit (enhanced shields/cover)
- 400V AC Phase 3, 7.5 kW/16A
- Autosetting / Leveling
- Special outrigger footplates
- Special colour
- Service tool
- Anti entrapment system
- Dust Cover for Storage
- GSM module for remote access and monitoring

FALCON
430-VARIO
TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 430 *Vario*



FALCON 430-VARIO TRACK-MOUNTED SPIDER LIFT



The ultimate compact platform

Compact design, flexibility, minimum weight, maximum reach and safety are qualities which users of the Falcon Spider Atrium Lift series appreciate in their daily work.

The Falcon Spider Atrium Crawler Lift FALCON 430 Vario is an original Falcon Spider Lift with market leading features.

The Falcon Spider Atrium Crawler Lift FALCON 430 vario has a 43 m working height, and is designed with height adjustable crawlers .

The Falcon Spider Atrium Lift was originally invented in the 1970's, and developed ever since. The Falcon Spider Atrium Crawler Lifts FALCON 430 Vario is very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Double jib system

- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power – Bi-energy Hybrid

The Falcon Spider Atrium Crawler Lift FALCON 430 Vario is capable of passing through a door opening a mere 1.39 m wide and 1.95 m high. Further details on the Falcon Spider Atrium Lift FALCON 430 Vario is mentioned on the following pages.

Features such as the double jib, automatic outrigger positioning, steering of outrigger and chassis from the wireless remote control, turns the Falcon Spider Atrium Lift series into a product category matching the demand of today in regards to speed, usability and safety.

The crawler version in the Falcon Spider Atrium Lift series is recognised by its impressive driving properties and user friendliness.

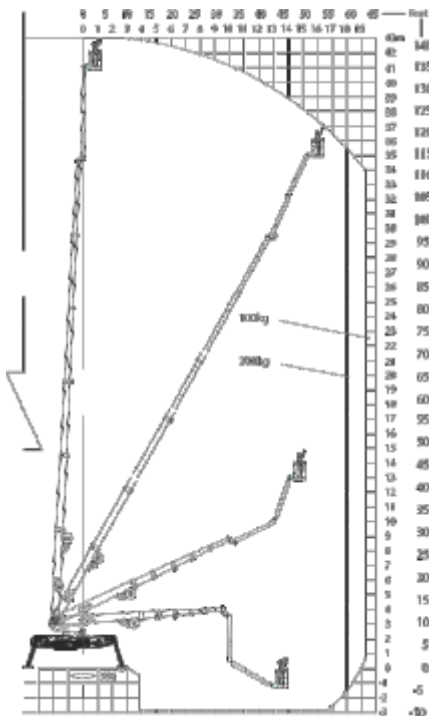
FALCON 430-VARIO TRACK-MOUNTED SPIDER LIFT



Model:

FALCON 430 Vario

FALCON 430 Vario



Working height and reach.

Working height:	43 m
Maximum reach:	16.5 - 18.5 m
Jib rotation:	200°
Basket load:	200 kg
Aluminium basket:	(0.8 x 1.4 m)
Basket rotation:	+ / - 90°
Turret rotation:	380°
Dimensions (transport position)	
Total height:	1.95 - 2.23 m
Total length:	8.28 m
Total width (min):	1.39 - 1.78 m
Gradability (standard):	25° / 47%
Weight approx.:	8340 kg*

*Depending on optional equipment

FALCON 430-VARIO TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled 2 speed selection
- Battery powered with charger 180 Ah
- Double jib
- 380° turret rotation, with integrated stop
- +/- 90° basket rotation
- Ability to self-load onto trucks or trailers
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Adjustable track width
- Minimum width only 1.39 m
- Space for tools etc. in basket
- Storage room in chassis with lock
- Kubota diesel engine, 3 cyl. 18.5 kW/ 24.8 HP (Tier 4 / EU Stage V)
- Wireless remote control of all functions
- 110V/220V AC power supply in the basket
- Non marking crawlers
- Individual setting of each outrigger
- Falcon Service Tool (remote access via laptop)

OPTIONS:

- Hazard lights kit (strobe lights, working lamp)
- Protection kit (enhanced shields/cover)
- 400V AC Phase 3, 7.5 kW/16A
- Autosetting / Leveling
- Special outrigger footplates
- Special colour
- Service tool
- Anti entrapment system
- Dust Cover for Storage
- GSM module for remote access and monitoring

FALCON
520 DOUBLE TRACK
TRACK-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 520 *Double Track*



FALCON 520 DOUBLE TRACK TRACK-MOUNTED SPIDER LIFT



The Falcon Spider Atrium Crawler Lift FALCON 520 Double Track, the worlds tallest compact platform!

Compact design, flexibility, minimum weight, maximum reach and safety are qualities which users of The Falcon Spider Atrium Lift series appreciate in their daily work.

The Falcon Spider Atrium Crawler Lift FALCON 520 Double Track is an original Falcon Spider Lift with market leading features. This Falcon Spider Atrium Crawler Lift FALCON 520 Double Track has a 52 m working height, and is designed as a crawler model.

The Falcon Spider Atrium Lift was originally invented in the 1970's, and developed ever since. The Falcon Spider Atrium Crawler Lift FALCON 520 Double Track is very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Double jib system
- Easy transport & propelling
- Low weight & ground pressure

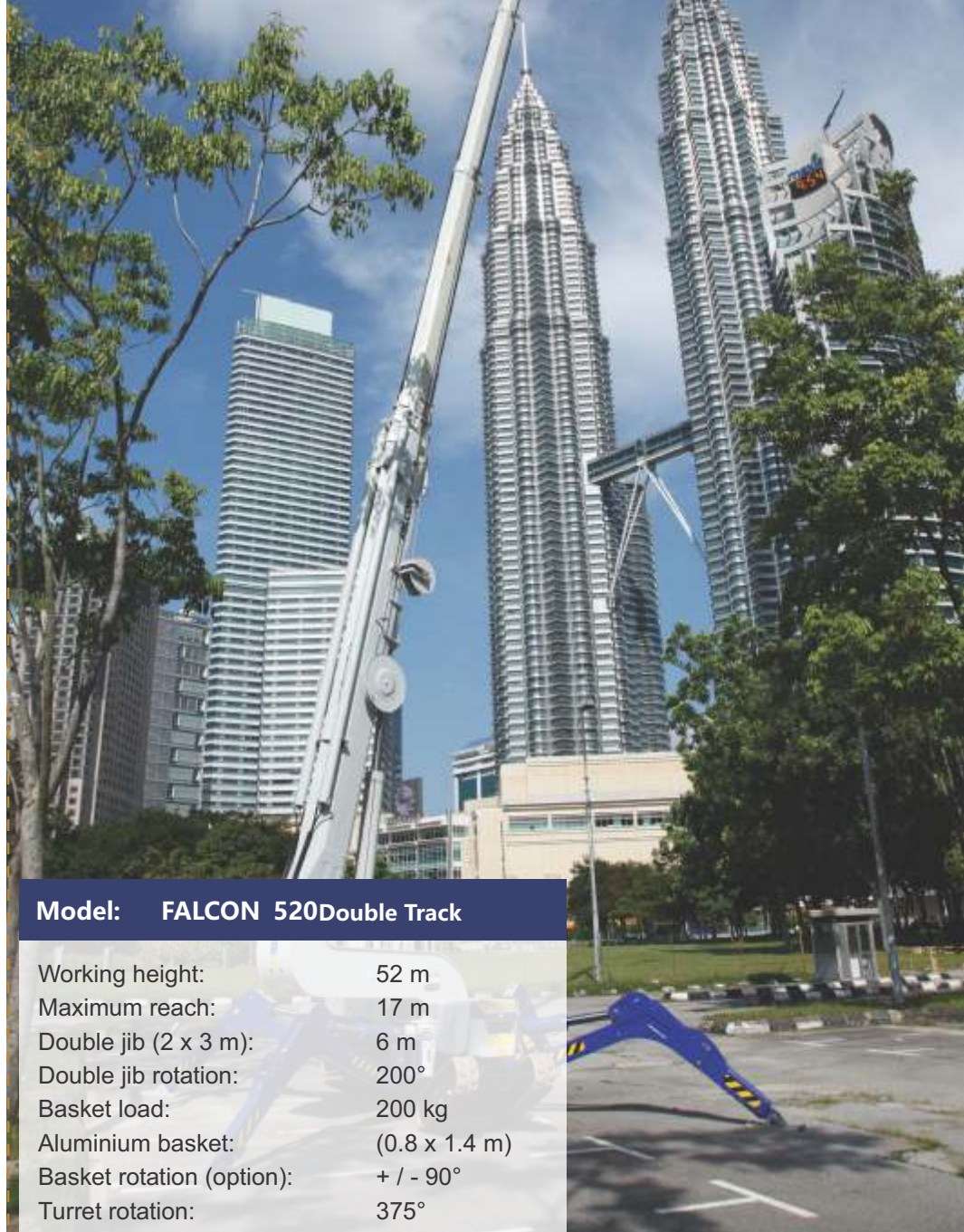
- Flexible outrigger setting
- High reach performance
- Power – Bi-energy Hybrid

The Falcon Spider Atrium Crawler Lift FALCON 520 Double Track is capable of passing through a door opening a mere 1.25 m wide and 2.10 m high. Further details on the Falcon Spider Atrium Crawler Lift FALCON 520 Double Track is mentioned on the following pages.

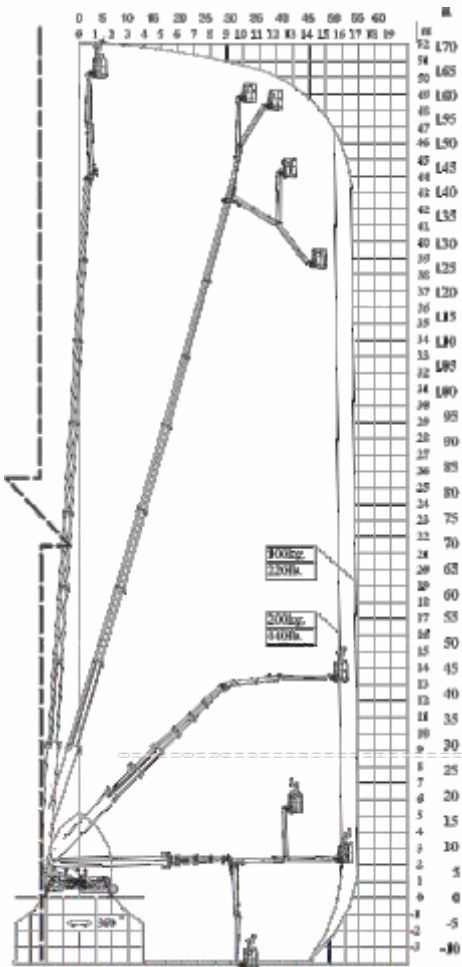
Features such as the double jib, automatic outrigger positioning, steering of outrigger and chassis from the wireless remote control, turns the Falcon Spider Atrium Lift series into a product category matching the demand of today in regards to speed, usability and safety.

The crawler version in the Falcon Spider Atrium Lift series is recognised by its impressive driving properties, superior boom flexibility and low ground pressure.

FALCON 520 DOUBLE TRACK TRACK-MOUNTED SPIDER LIFT



FALCON 520 Double Track



Model: FALCON 520 Double Track

Working height:	52 m
Maximum reach:	17 m
Double jib (2 x 3 m):	6 m
Double jib rotation:	200°
Basket load:	200 kg
Aluminium basket:	(0.8 x 1.4 m)
Basket rotation (option):	+ / - 90°
Turret rotation:	375°

Dimensions (transport position)

Total height:	2.10 m
Total length:	9.30 m
Total width (min):	1.25 m
Total width (max):	1.60 m
Gradability (standard):	20° / 37%
Weight approx.:	13.500 kg*

▲ Working height and reach.
To the outermost points.

*Depending on optional equipment

FALCON

520 DOUBLE TRACK

TRACK-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled
- Battery powered with charger (180 Ah)
- Double jib
- 375° turret rotation, with integrated stop
- +/- 90° basket rotation
- Individual setting of each outrigger
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Ability to self-load onto trucks or trailers
- Double crawler system
- Front crawler section adjustable
- Adjustable rack width
- Minimum width only 1.25 m
- Space for tools etc. in basket
- Storage room with lock in chassis
- Diesel engine
- Wireless remote control of all functions
- Falcon Service Tool (remote access via laptop)

OPTIONS:

- 400V AC Phase 3, 7.5 kW/16A
- 220V AC power supply in the basket
- Air/water supply in the basket
- Sensor system on basket
- Non marking crawlers
- Slope alarm
- 4 pcs extra batteries
- Autosetting/levelling
- Dust Cover for Storage
- Special outrigger footplates
- Basket in various sizes
- Special colour
- Anemometer wind warning system
- GSM module for remote access and monitoring
- Anti entrapment device



**WHEEL
MOUNTED
SPIDER LIFT**

FALCON
290/320
WHEEL-MOUNTED SPIDER LIFT



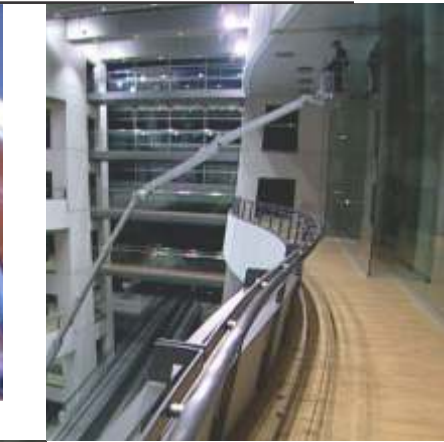
EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 290 / 320 Wheel



FALCON 290/320 WHEEL-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon Spider Atrium Lift is an original Falcon Spider Lift with market leading features.

The Falcon Spider Atrium Lift FALCON 290/320 Wheel was invented in the 1970's, and developed ever since. The Falcon Spider Atrium Lift FALCON 290/320 Wheel is very applicable in matters of:

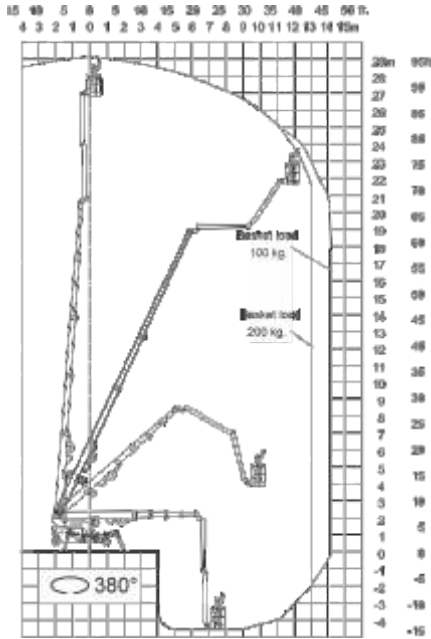
- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Double jib system
- Easy transport & propelling
- Low weight & ground pressure
- Need for flexible outrigger
- Limited setup space
- Power Bi-energy Hybrid

The Falcon Spider Atrium Lift is capable of passing through a door opening a mere 0.8 m wide and 1.98 m high. Further details on the Falcon Spider Atrium Lift FALCON 290/320 Wheel is mentioned on the following pages.

FALCON 290/320 WHEEL-MOUNTED SPIDER LIFT



FALCON 290 Wheel

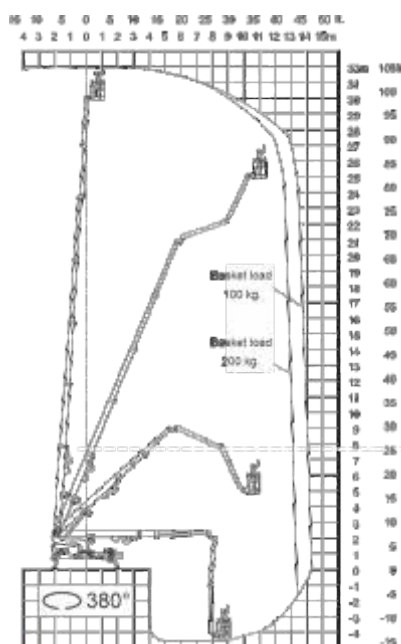


▲ Working height and reach



FALCON 290 Wheel FALCON 320 Wheel

FALCON 320 Wheel



▲ Working height and reach

Working height:	29 m	32 m
Maximum reach:	14-15 m	14-15 m
Double jib (2 x 3 m):	6 m	6 m
Doublejib rotation:	200° 200°	200°
Basket load:	200 kg	200 kg
Aluminium basket:	(0.8 x 1.4 m)	(0.8 x 1.4 m)
Basket rotation (option):	+ / - 90°	+ / - 90°
Turret rotation:	380° 380°	380°

Dimensions (transport position)

Total height:	1.98 m	1.98 m
Total length:	6.30 m	7.20 m
Total width:	0.8 - 0.9 m*	0.8 - 0.9 m*
Gradability (standard):	5° / 10%	5° / 10%
Weight approx.:	3.750 kg*	4.150 kg*

*Depending on optional equipment

FALCON

290/320

WHEEL-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled
- Battery powered with charger (180 Ah)
- Double jib
- 380° turret rotation, with integrated stop
- Individual setting of each outrigger
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Ability to self-load onto trucks or trailers
- Non marking solid tyres
- Adjustable wheel-axle
- Minimum width only 0.8 m
- Space for tools etc. in basket
- Storage room with lock in chassis
- Wireless remote control of all functions
- Falcon Service Tool (Remote access via laptop)

OPTIONS:

- +/- 90 ° basket rotation
- 220V AC power supply in the basket
- Air/water supply in the basket
- Sensor system on basket
- Diesel engine, Hatz "Silent pack" 9 kW
- Honda petrol generator 3.0 kW
- 220V AC 2,2 kW/13A direct powered electro motor
- 4-8 pcs. extra batteries
- Autosetting/levelling
- Dust Cover for Storage
- Special outrigger footplates
- Basket in various sizes
- Slope alarm
- 2 wheel drive (10 °/18 % climb)
- 3 wheel drive (15 °/26 % climb)(width 0.95 m)
- Twin wheels on rear axle
- Special colour
- Anti entrapment device
- GSM module for remote access and monitoring

FALCON
370/420
WHEEL-MOUNTED SPIDER LIFT



EXCLUSIVE

SPIDER LIFTS
AT A HIGHER LEVEL
FOR 40 YEARS

FALCON 370 / 420 *Wheel*



FALCON 370/420 WHEEL-MOUNTED SPIDER LIFT



The ultimate compact platform

The Falcon Spider Atrium Lift FALCON 370/420 Wheel is an original Falcon Spider Lift with market leading features. These Falcon Spider Atrium Lifts have a 37-42 m working height, and is designed with wheels for smooth propelling and reduced ground pressure. The Falcon Spider Atrium Lift was originally invented in the 1970's, and developed ever since. The Falcon Spider Atrium Lift FALCON 370/420 Wheel is very applicable in matters of:

- Facility management
- Atrium access
- Narrow access
- Best quality & safety
- Double jib system
- Easy transport & propelling
- Low weight & ground pressure
- Flexible outrigger setting
- Limited setup space
- Power – Bi-energy Hybrid

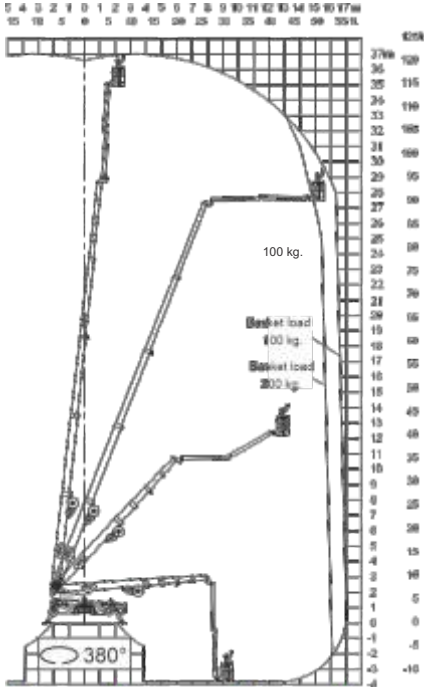
The Falcon Spider Atrium Lift is capable of passing through a door opening a mere 0.9 m wide and 1.98 m high.

The special designed boogie axle with twin wheels reduces ground pressure and allows driving on sensitive floorings.

FALCON 370/420 WHEEL-MOUNTED SPIDER LIFT

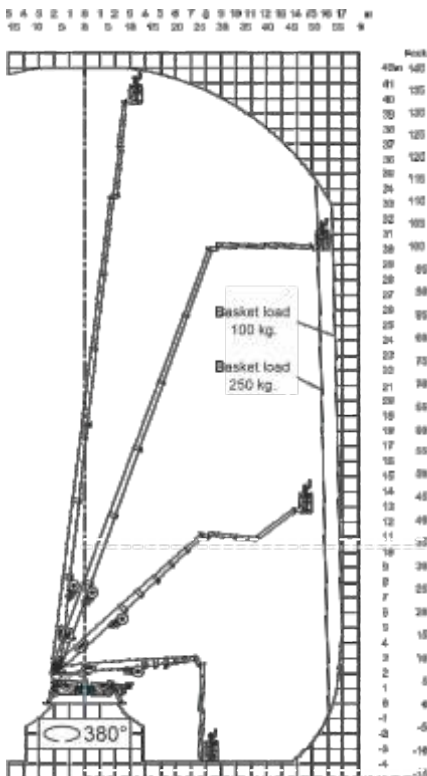


FALCON 370Wheel



Working height and reach

FALCON 420Wheel



Working height and reach



Model: **FALCON 370Wheel** **FALCON 420Wheel**

Working height:	37 m	42 m
Maximum reach:	16-17 m	16-17 m
Double jib (2 x 3 m):	6 m	6 m
Double jib rotation:	200°	200°
Basket load:	200 kg	200 kg
Aluminium basket:	(0.8 x 1.4 m)	(0.8 x 1.4 m)
Basket rotation (option):	+/- 90°	+/- 90°
Turret rotation:	380°	380°
Dimensions (transport position)		
Total height:	1.98 m	1.98 m
Total length:	8.10 m	8.25 m
Total width:	0.90 m* - 1.80 m*	0.90 m* - 1.80 m*
Gradability (standard):	13° / 23%	13° / 23%
Weight approx.:	6.900 kg*	7.500 kg*

*Depending on optional equipment

FALCON 370/420 WHEEL-MOUNTED SPIDER LIFT



STANDARD EQUIPMENT:

- Automatic stability & outreach control
- Computer controlled (can-bus)
- Proportional control of all functions
- Self-propelled
- Battery powered with charger (360 Ah)
- Double jib
- 380° turret rotation, with integrated stop
- Individual setting of each outrigger
- Electronic checking of the power system (PLC)
- Manual pump system for emergency lowering
- Ability to self-load onto trucks or trailers
- Non marking solid tyres
- Adjustable axle width
- Minimum width only 0.9 m
- Space for tools etc. in basket
- Storage room with lock in chassis
- Boogie axle (reduces ground pressure)
- 4-wheel drive (2 axles)
- Wireless remote control of all functions
- Gradability 13° / 23%
- Falcon Service Tool (remote access via laptop)

OPTIONS:

- +/- 90° basket rotation
- 220V AC power supply in the basket
- Air / water supply in the basket
- Sensor system on basket
- Kubota diesel engine, 19 kW
- Anemometer wind warning system
- 400V AC Phase 3, 7.5 kW/16A
- 4-8 pcs extra batteries
- Autosetting/levelling
- Chassis control from basket
- Special outrigger footplates
- Basket in various sizes
- Slope alarm
- Twin wheels on rear axle
- Special colour
- Dust Cover for Storage
- GSM module for remote access and monitoring
- Anti entrapment device

OMME
1300E

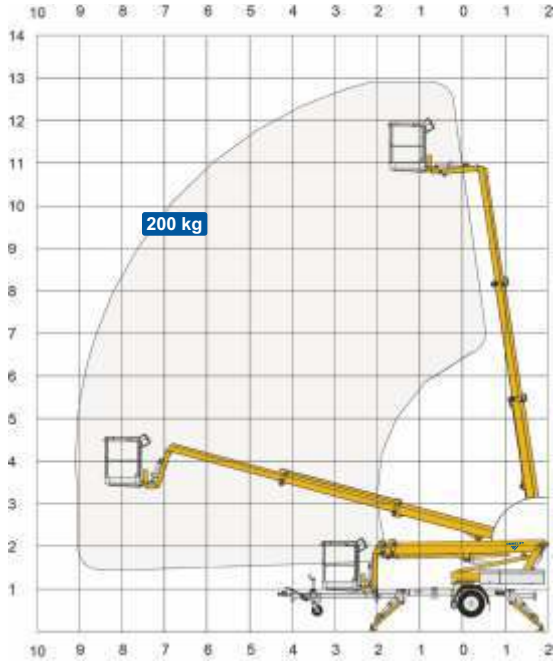
TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



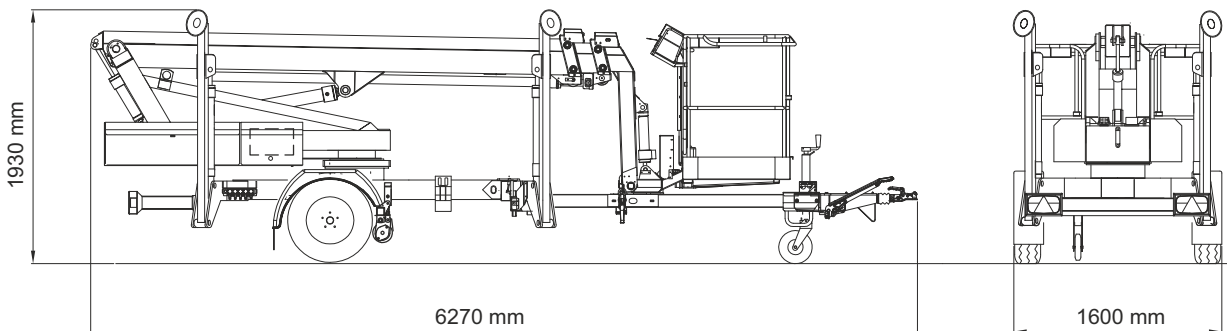
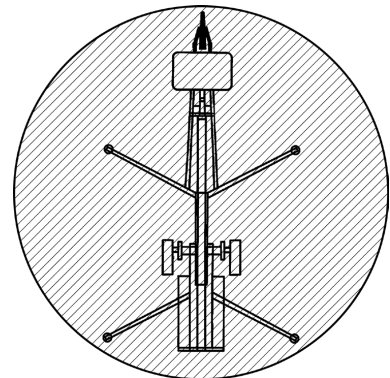
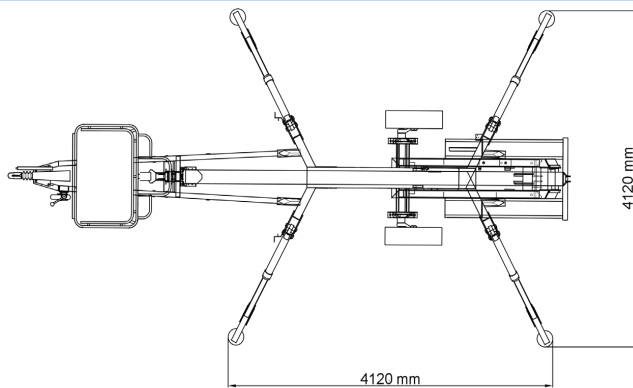
OMME

1300E

TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



Technical Data:	1300 E	1300 EB
Max. working height	12.8 m	
Max. platform height	10.8 m	
Max. outreach	9.0 m	
Up and over clearance	-	
Angle boom length (boom + basket)	2.0 m	
Jib length (jib + basket)	-	
Vertical jib rotation	-	
Turret rotation	± 355°	
Basket rotation	± 50°	
Max. basket load	200 kg	
Basket size	1.25 x 0.8 x 1.1 m	
Stabilizer pad size	ø200 mm	
Engine	⁵ Petrol ⁶ Diesel	230V / 16A BATTERY
Fuel tank capacity	⁵ Optional ⁶	⁵ Optional ⁶
Generator		
Battery pack	24V/120Ah/5h	
Charger	24 V / 15 A	
Double charger system	Optional	
Elec. descent		
Self-propulsion with hydraulic engagement of traction rollers	Standard	
Gradeability	14% / 8°	
Ground to tire clearance at max. set-up	Min. 300 mm (10.9% / 6.2°)	
Total weight	1650 kg	1750 kg
Ground pressure, outrigger pad	11.8 kg/cm ²	11.8 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.6 kg/cm ²	0.6 kg/cm ²
Max. force, outrigger	10.0 kN	10.0 kN
Hydraulic stabilizers	Standard	
Controls	2-step	
Flush basket mount	Standard	
Elec. power outlet in basket	Standard	
Tool trays in basket	Standard	



03.22 Subject to change without notice. Data, dimensions and features are indicative and not binding

OMME

1500 EX

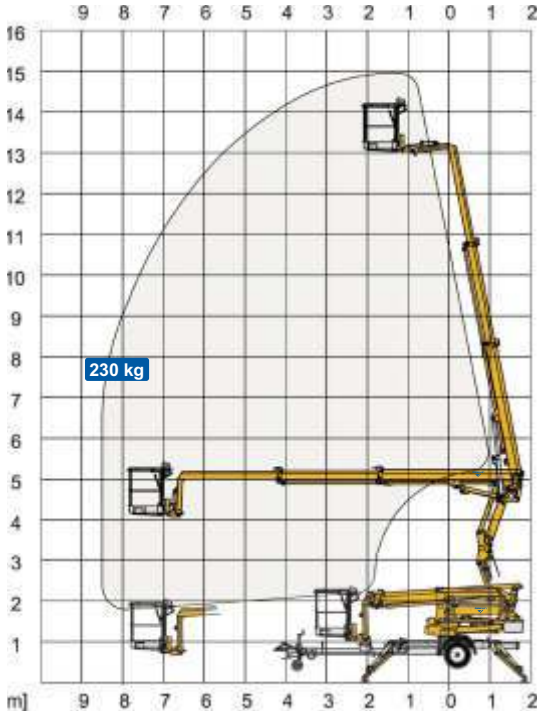
ARTICULATED SPIDER LIFT-TRAILER MOUNTED



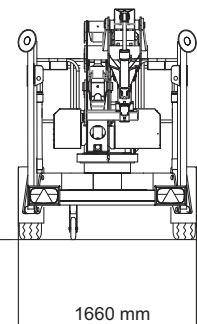
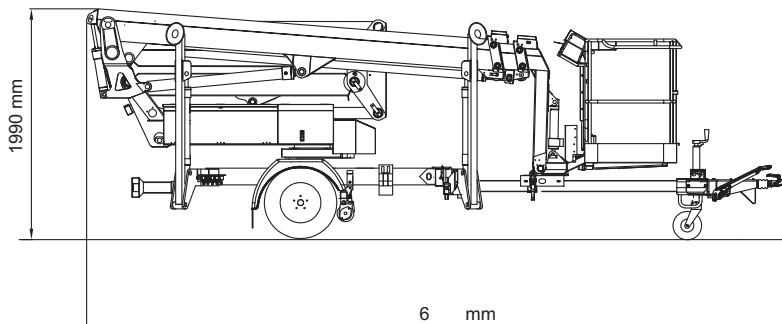
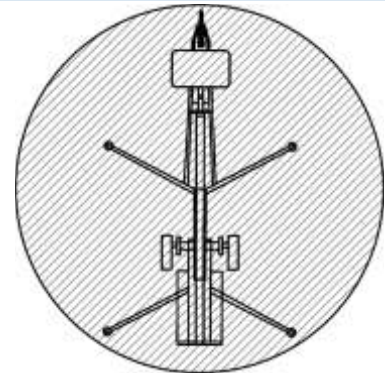
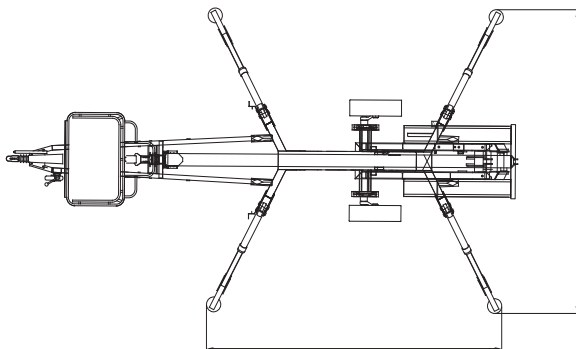
OMME

1500 EX

ARTICULATED SPIDER LIFT-TRAILER MOUNTED



Technical Data:	1500 EX	1500 EXB	1500 EXB Lightweight
Max. working height		15.0 m	
Max. platform height		13.0 m	
Max. outreach		8.5 m	
Up and over clearance		5.0 m	
Angle boom length (boom + basket)		2.0 m	
Jib length (jib + basket)		-	
Vertical jib rotation		-	
Turret rotation		± 355°	
Basket rotation		± 50°	
Max. basket load		230 kg	
Basket size		1.25 x 0.8 x 1.1 m	
Stabilizer pad size		ø200 mm	
	230V / 16A	BATTERY	Lithium
Engine		i	
Fuel tank capacity			
Generator			
Battery pack		24V/120Ah/5h	24V/120Ah
Charger		24 V / 15 A	24 V / 40 A
Double charger system			
Elec. descent			
Self-propulsion with hydraulic engagement of traction rollers		Standard	
Gradeability		14% / 8°	
Ground to tire clearance at max. set-up		Min. 300 mm (10.8% / 6.1°)	
Total weight	2000 kg	2050 kg	2000 kg
Ground pressure, outrigger pad	12.9 kg/cm ²	12.4 kg/cm ²	12.9 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.7 kg/cm ²	0.7 kg/cm ²	0.7 kg/cm ²
Max. force, outrigger	10.5 kN	10.5 kN	10.5 kN
Hydraulic stabilizers		Standard	
Controls		2-step	
Flush basket mount		Standard	
Elec. power outlet in basket		Standard	
Tool trays in basket		Standard	



03.22 Subject to change without notice. Data, dimensions and features are indicative and not binding

OMME

1700 EX

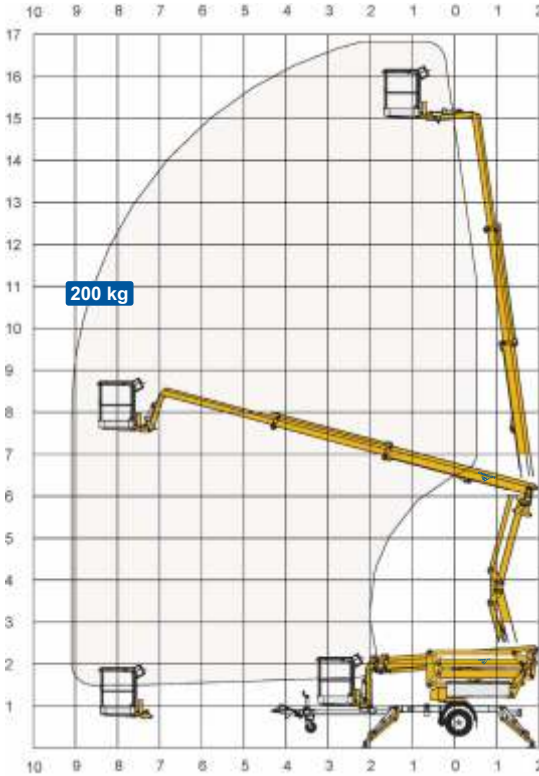
ARTICULATED SPIDER LIFT-TRAILER MOUNTED



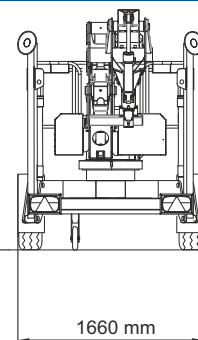
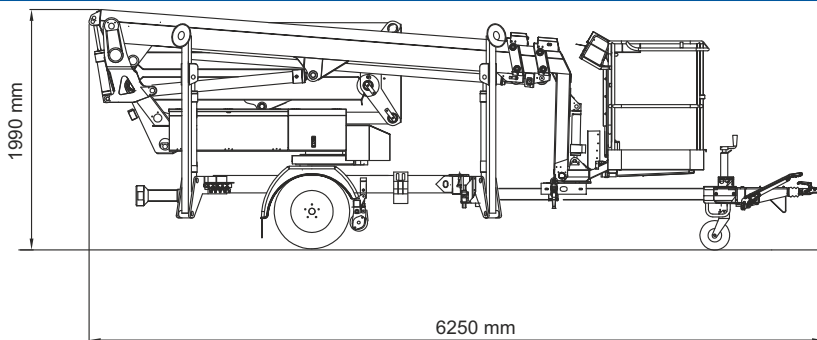
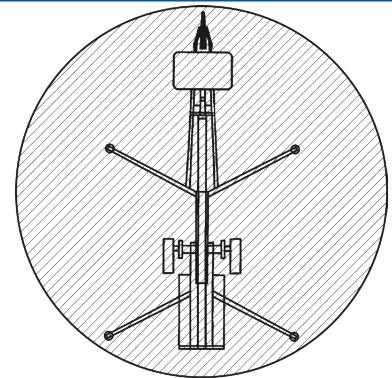
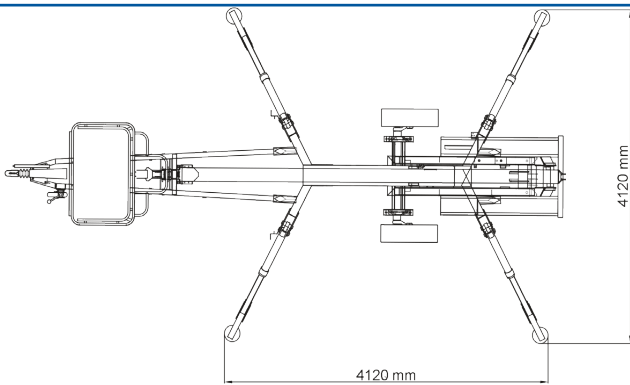
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1700 EX

ARTICULATED SPIDER LIFT-TRAILER MOUNTED



Technical Data:	1700 EX	1700 EXB
Max. working height	16.8 m	
Max. platform height	14.8 m	
Max. outreach	9.1 m	
Up and over clearance	6.0 m	
Angle boom length (boom + basket)	2.0 m	
Jib length (jib + basket)	-	
Vertical jib rotation	-	
Turret rotation	± 355°	
Basket rotation	± 50°	
Max. basket load	200 kg	
Basket size	1.25 x 0.8 x 1.1 m	
Stabilizer pad size	ø200 mm	
	230V / 16A	BATTERY
Engine	Optional	Optional
Fuel tank capacity		
Generator		
Battery pack	24V/200Ah/5h	
Charger	24 V / 30 A	
Double charger system	Optional	
Elec. descent	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers	Standard	
Gradeability	14% / 8°	
Ground to tire clearance at max. set-up	Min. 300 mm (10.8% / 6.1°)	
Total weight	2060 kg	2200 kg
Ground pressure, outrigger pad	12.4 kg/cm ²	12.4 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.7 kg/cm ²	0.7 kg/cm ²
Max. force, outrigger	10.5 kN	10.5 kN
Hydraulic stabilizers	Standard	
Controls	Proportional	
Flush basket mount	Standard	
Elec. power outlet in basket	Standard	
Tool trays in basket	Standard	



03.22 Subject to change without notice. Data, dimensions and features are indicative and not binding

OMME

1830 EX

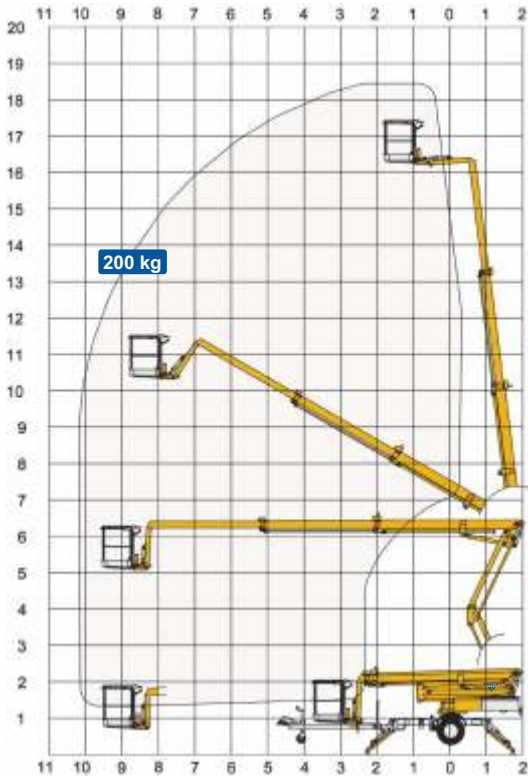
ARTICULATED SPIDER LIFT-TRAILER MOUNTED



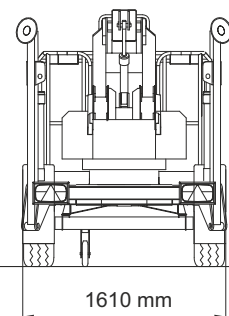
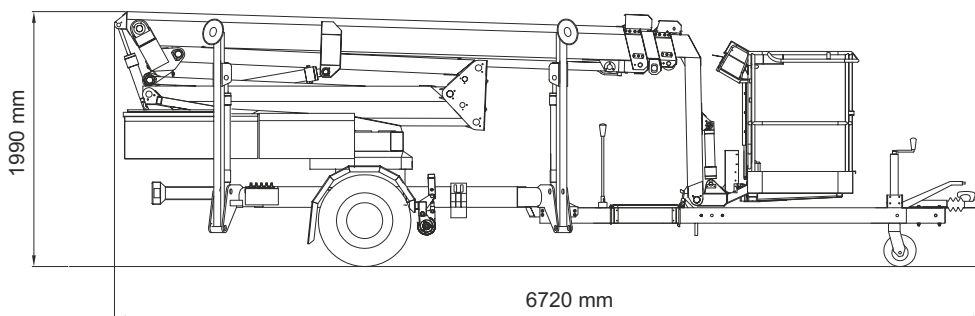
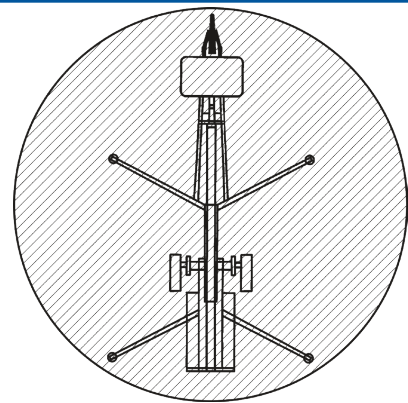
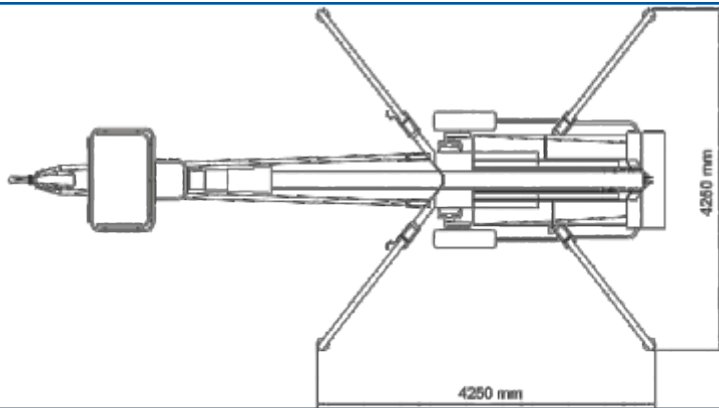
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1830 EX

ARTICULATED SPIDER LIFT-TRAILER MOUNTED



Technical Data:	1830 EX	1830 EXB
Max. working height	18.3 m	18.3 m
Max. platform height	16.3 m	16.3 m
Max. outreach	10.2 m	10.2 m
Up and over clearance	6.0 m	6.0 m
Angle boom length (boom + basket)	2.0 m	2.0 m
Jib length (jib + basket)	-	-
Vertical jib rotation	-	-
Turret rotation	± 355°	± 355°
Basket rotation	± 41°	± 41°
Max. basket load	200 kg	200 kg
Basket size	1.25 x 0.8 x 1.1 m	
Stabilizer pad size	ø200 mm	
Engine	Optional	Optional
Fuel tank capacity		
Generator		
Battery pack		24V/200Ah/5h
Charger		24 V / 30 A
Double charger system		Optional
Elec. descent	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers	Standard	
Gradeability	14% / 8°	
Ground to tire clearance at max. set-up	Min. 250 mm (8.8% / 5.0°)	
Total weight	2450 kg	2550 kg
Ground pressure, outrigger pad	15.9 kg/cm ²	15.9 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.9 kg/cm ²	0.9 kg/cm ²
Max. force, outrigger	13.5 kN	13.5 kN
Hydraulic stabilizers	Standard	
Controls	Proportional	
Flush basket mount	Standard	
Elec. power outlet in basket	Standard	
Tool trays in basket	Standard	



OMME

2100 E

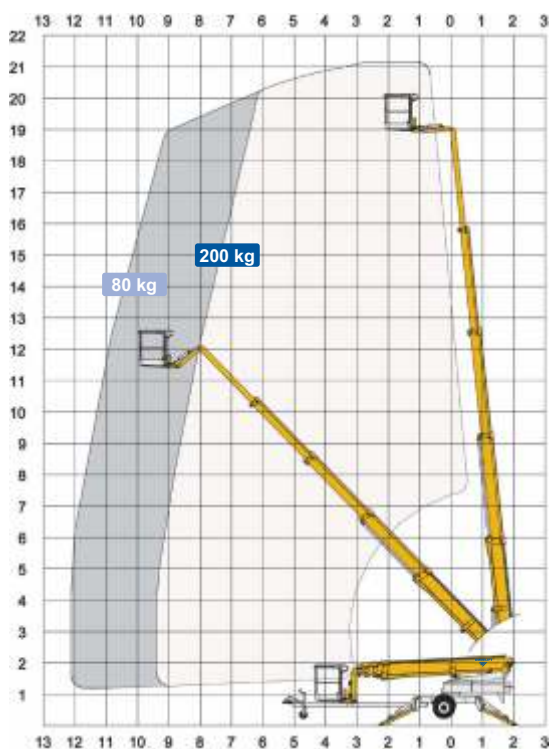
TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



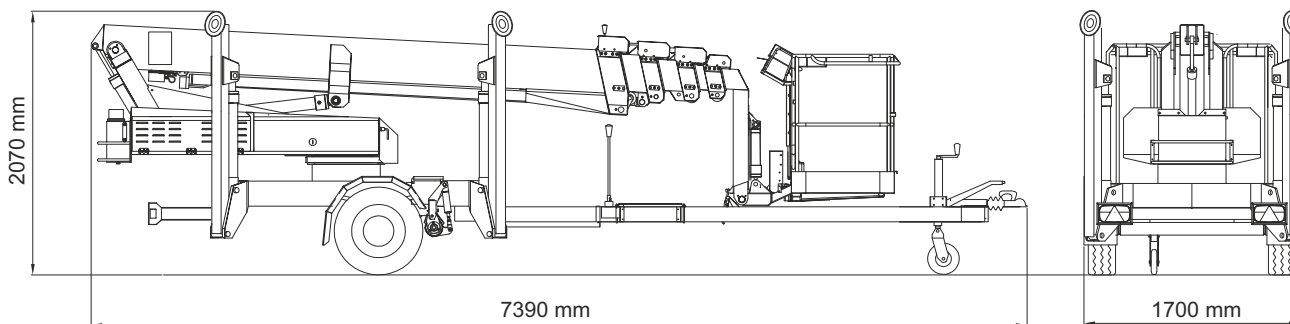
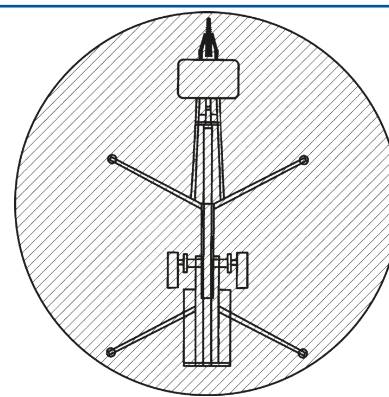
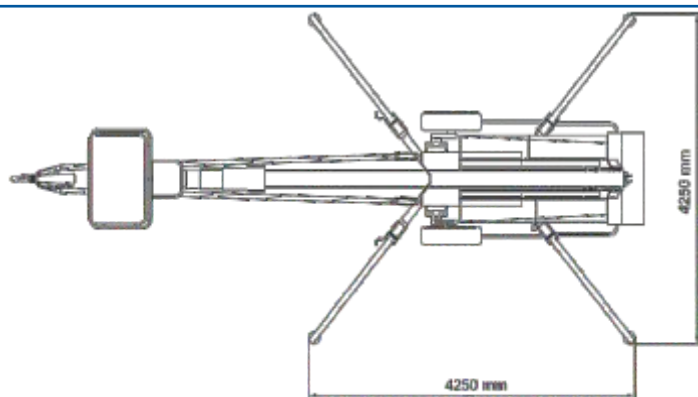
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2100 E

TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



Technical Data:	2100 E	2100 EB	2100 EBD
Max. working height		21.2 m	
Max. platform height		19.2 m	
Max. outreach		12.2 m	
Up and over clearance		-	
Angle boom length (boom + basket)		2.0 m	
Jib length (jib + basket)		-	
Vertical jib rotation		-	
Turret rotation		± 355°	
Basket rotation		± 41°	
Max. basket load		200 kg	
Basket size		1.25 x 0.8 x 1.1 m	
Stabilizer pad size		ø200 mm	
	230V / 16A	BATTERY	HYBRID
Engine	Optional	Optional	14kW/18.8hp
Fuel tank capacity			16 l
Generator			24 V / 22 A
Battery pack		24V/200Ah/5h	
Charger		24 V / 30 A	24 V / 30 A
Double charger system		Optional	Optional
Elec. descent	Optional	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers		Standard	
Gradeability		14% / 8°	
Ground to tire clearance at max. set-up		Min. 150 mm (5.2% / 3.0°)	
Engine only version available			
Total weight	2380 kg	2500 kg	2825 kg
Ground pressure, outrigger pad	16.0 kg/cm ²	16.0 kg/cm ²	16.0 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.9 kg/cm ²	0.9 kg/cm ²	0.9 kg/cm ²
Max. force, outrigger	13.6 kN	13.6 kN	13.6 kN
Hydraulic stabilizers		Standard	
Controls		Proportional	
Flush basket mount		Standard	
Elec. power outlet in basket		Standard	
Tool trays in basket		Standard	



03.22 Subject to change without notice. Data, dimensions and features are indicative and not binding

OMME
2300 EX

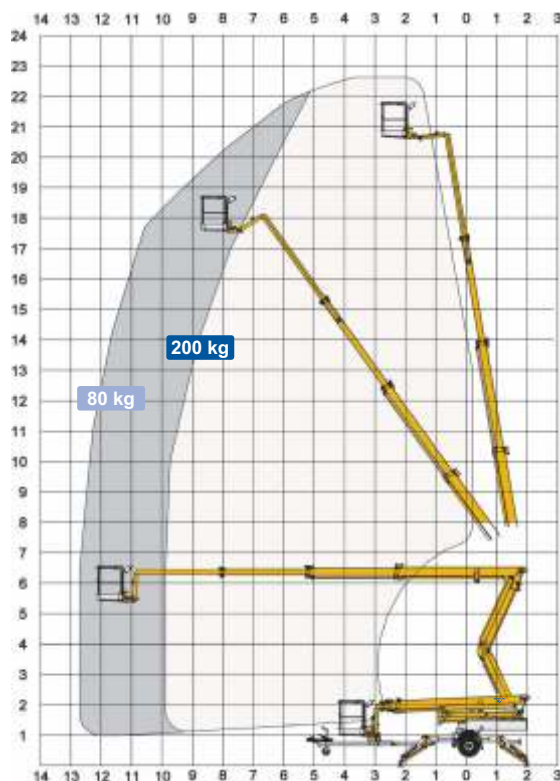
ARTICULATED SPIDER LIFT-TRAILER MOUNTED



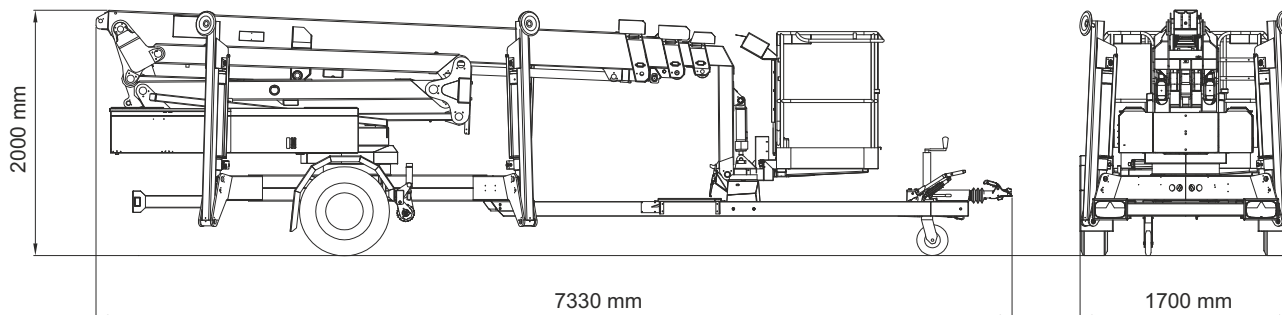
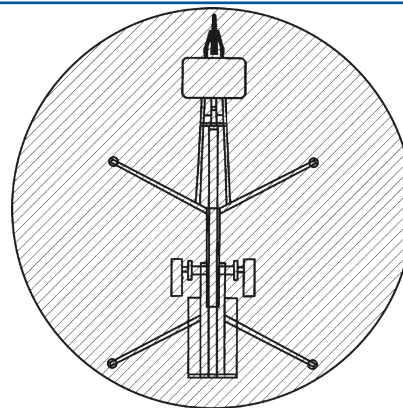
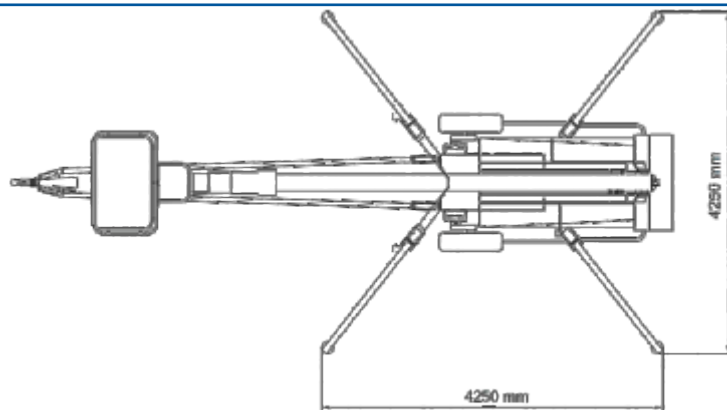
OMME

2300 EX

ARTICULATED SPIDER LIFT-TRAILER MOUNTED



Technical Data:	2300 EX	2300 EXB
Max. working height		22.6 m
Max. platform height		20.6 m
Max. outreach		12.7 m
Up and over clearance		6.0 m
Angle boom length (boom + basket)		2.0 m
Jib length (jib + basket)		-
Vertical jib rotation		-
Turret rotation		± 355°
Basket rotation		± 41°
Max. basket load		200 kg
Basket size		1.25 x 0.8 x 1.1 m
Stabilizer pad size		ø200 mm
Engine	230V / 16A	BATTERY
Fuel tank capacity	Optional	Optional
Generator		
Battery pack		24V/200Ah/5h
Charger		24 V / 30 A
Double charger system		Optional
Elec. descent	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers		Standard
Gradeability		14% / 8°
Ground to tire clearance at max. set-up		Min. 270 mm (9.4% / 5.4°)
Total weight	3150 kg	3150 kg
Ground pressure, outrigger pad	16.5 kg/cm ²	16.5 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.9 kg/cm ²	0.9 kg/cm ²
Max. force, outrigger	14.0 kN	14.0 kN
Hydraulic stabilizers		Standard
Controls		Proportional
Flush basket mount		Standard
Elec. power outlet in basket		Standard
Tool trays in basket		Standard



03.22 Subject to change without notice. Data, dimensions and features are indicative and not binding

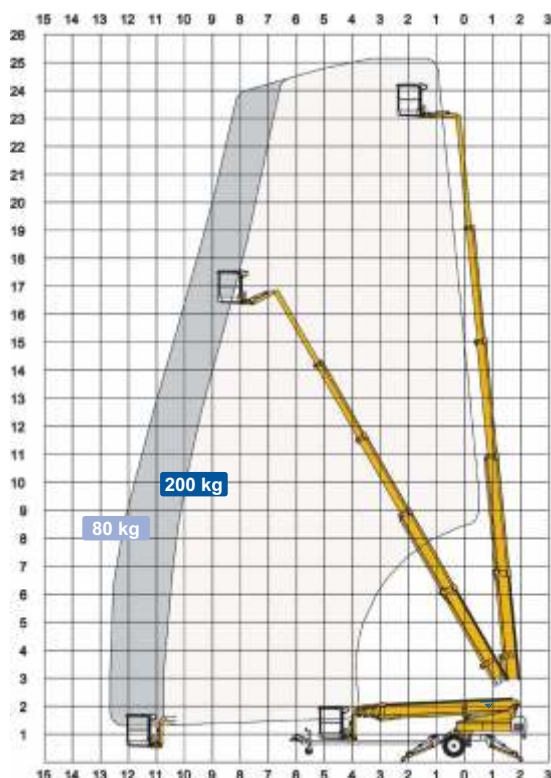
OMME
2500 E

TELESCOPIC SPIDER LIFT-TRAILER MOUNTED

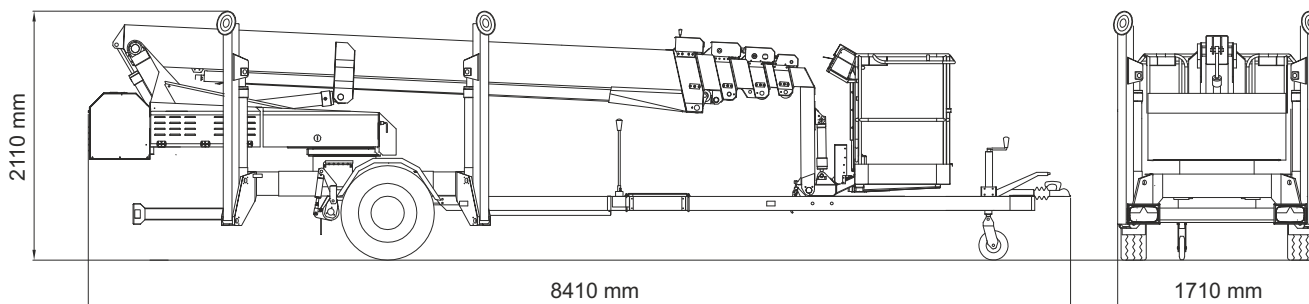
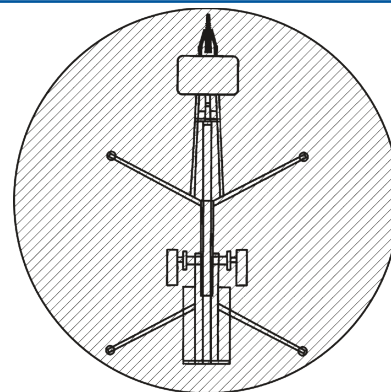
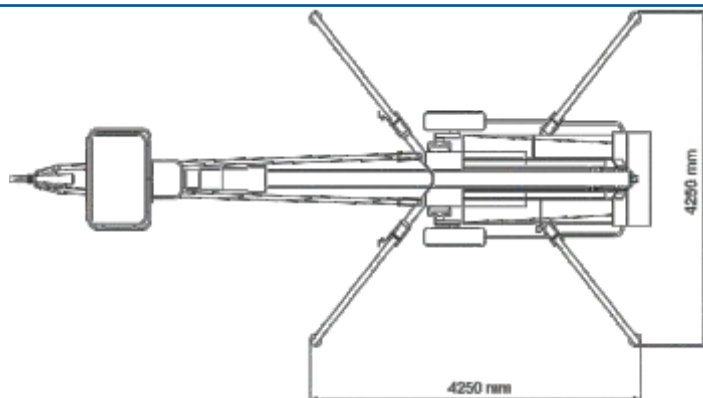


OMME 2500 E

TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



Technical Data:	2500 E	2500 EB	2500 EBD
Max. working height		25.1 m	
Max. platform height		23.1 m	
Max. outreach		12.6 m	
Up and over clearance		-	
Angle boom length (boom + basket)		2.0 m	
Jib length (jib + basket)		-	
Vertical jib rotation		-	
Turret rotation		± 355°	
Basket rotation		± 41°	
Max. basket load		200 kg	
Basket size		1.25 x 0.8 x 1.1 m	
Stabilizer pad size		ø200 mm	
	230V / 16A	BATTERY	HYBRID
Engine	Optional	Optional	14kW/18.8hp
Fuel tank capacity			16 l
Generator			24 V / 22 A
Battery pack		24V/200Ah/5h	
Charger		24 V / 30 A	24 V / 30 A
Double charger system		Optional	Optional
Elec. descent	Optional	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers		Standard	
Gradeability		14% / 8°	
Ground to tire clearance at max. set-up		Min. 170 mm (5.9% / 3.4°)	
Engine only version available			
Total weight	3000 kg	3060 kg	3180 kg
Ground pressure, outrigger pad	20.0 kg/cm ²	20.0 kg/cm ²	20.0 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	1.1 kg/cm ²	1.1 kg/cm ²	1.1 kg/cm ²
Max. force, outrigger	17.1 kN	17.1 kN	17.1 kN
Hydraulic stabilizers		Standard	
Controls		Proportional	
Flush basket mount		Standard	
Elec. power outlet in basket		Standard	
Tool trays in basket		Standard	



OMME
2900 E

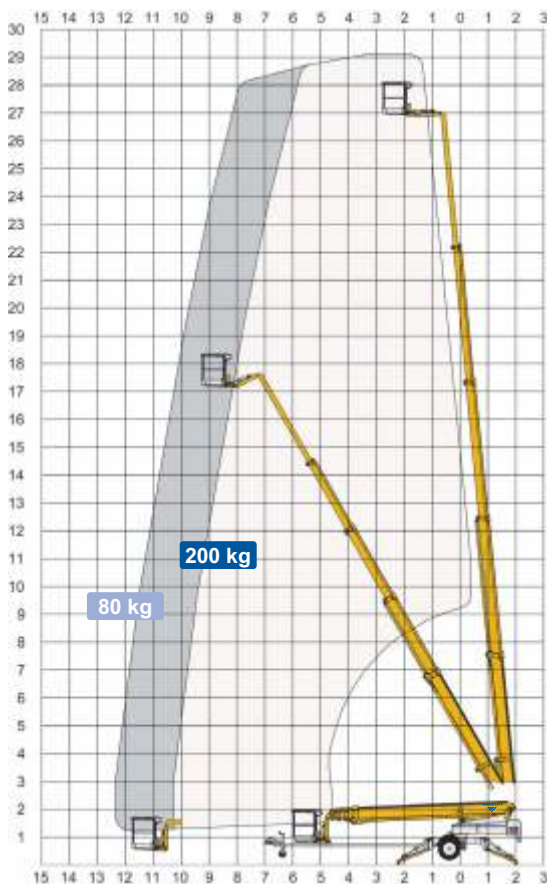
TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



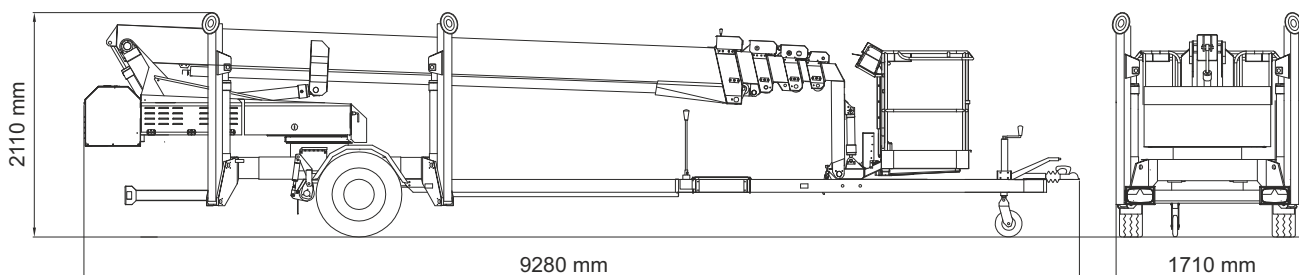
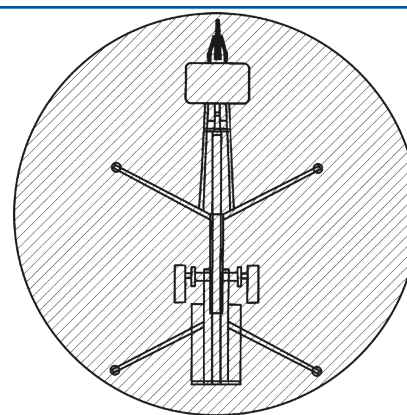
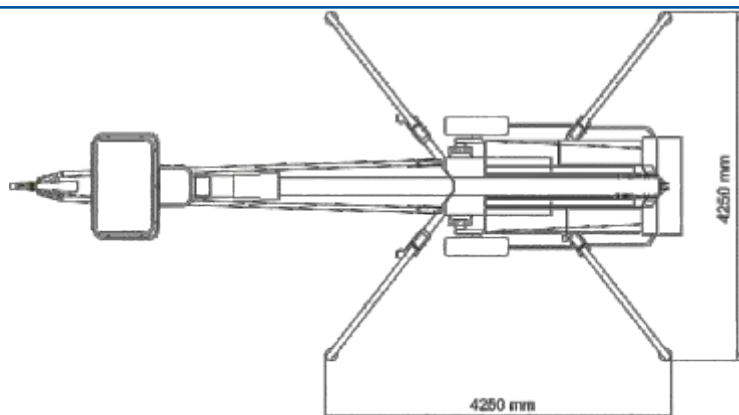
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2900 E

TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



Technical Data:	2900 E	2900 EB	2900 EBD
Max. working height		29.0 m	
Max. platform height		27.0 m	
Max. outreach		12.3 m	
Up and over clearance		-	
Angle boom length (boom + basket)		2.0 m	
Jib length (jib + basket)		-	
Vertical jib rotation		-	
Turret rotation		± 355°	
Basket rotation		± 41°	
Max. basket load		200 kg	
Basket size		1.25 x 0.8 x 1.1 m	
Stabilizer pad size		ø200 mm	
	230V / 16A	BATTERY	HYBRID
Engine	Optional	Optional	14kW/18.8hp
Fuel tank capacity			16 l
Generator			24 V / 22 A
Battery pack		24V/200Ah/5h	
Charger		24 V / 30 A	24 V / 30 A
Double charger system		Optional	Optional
Elec. descent	Optional	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers		Standard	
Gradeability		14% / 8°	
Ground to tire clearance at max. set-up		Min. 170 mm (5.9% / 3.4°)	
Engine only version available			
Total weight	3400 kg	3400 kg	3500 kg
Ground pressure, outrigger pad	22.5 kg/cm ²	22.5 kg/cm ²	22.5 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	1.2 kg/cm ²	1.2 kg/cm ²	1.2 kg/cm ²
Max. force, outrigger	19.1 kN	19.1 kN	19.1 kN
Hydraulic stabilizers		Standard	
Controls		Proportional	
Flush basket mount		Standard	
Elec. power outlet in basket		Standard	
Tool trays in basket		Standard	



03.22 Subject to change without notice. Data, dimensions and features are indicative and not binding

OMME

MINI 12 EJ / MINI 12 EBJ

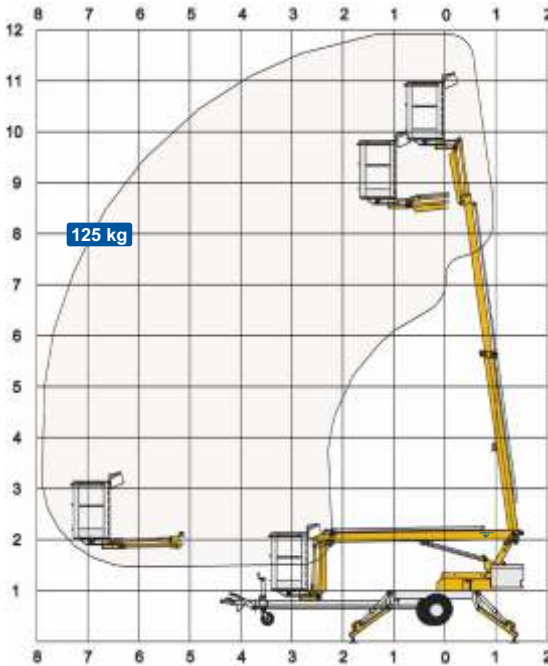
TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



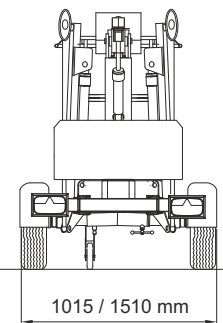
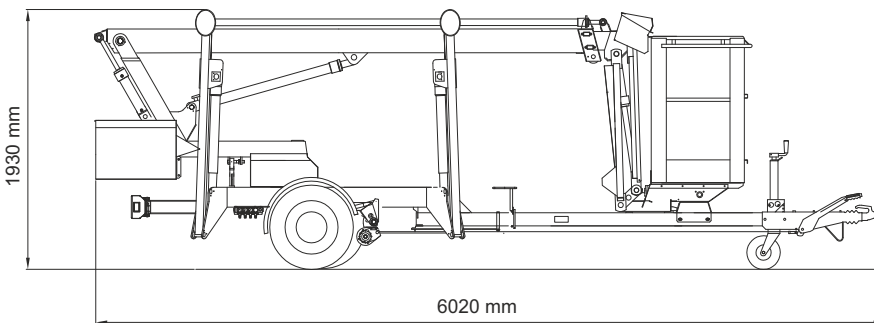
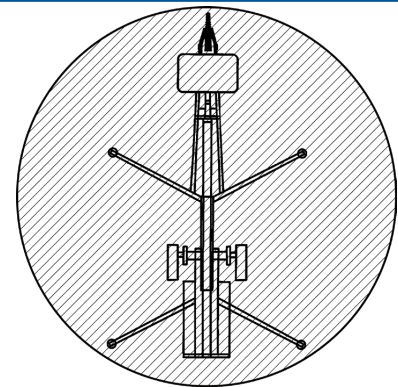
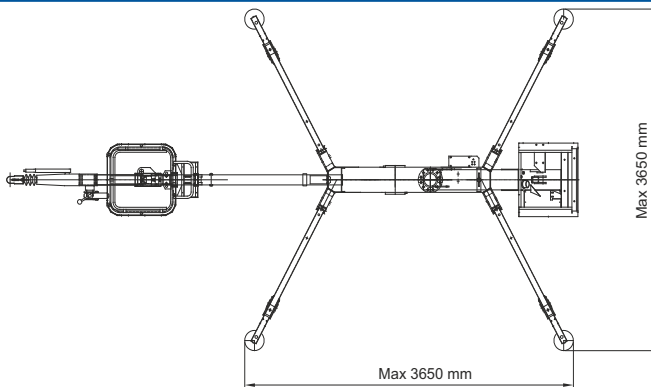
OMME

MINI 12 EJ / MINI 12 EBJ

TELESCOPIC SPIDER LIFT-TRAILER MOUNTED



Technical Data:	Mini 12 EJ	Mini 12 EBJ
Max. working height	11.9 m	
Max. platform height	9.9 m	
Max. outreach	7.6 m	
Up and over clearance	-	
Angle boom length (boom + basket)	-	
Jib length (jib + basket)	2.0 m	
Vertical jib rotation	90°	
Turret rotation	± 355°	
Basket rotation	-	
Max. basket load	125 kg	
Basket size	0.85 x 0.7 x 1.1 m	
Stabilizer pad size	ø200 mm	
Engine	230V / 10A	BATTERY
Fuel tank capacity		
Generator		
Battery pack	24V/120Ah/5h	
Charger	24 V / 15 A	
Double charger system	Optional	
Elec. descent	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers **	Optional	
Gradeability	14% / 8° **	
Ground to tire clearance at max. set-up	Min. 340 mm (15.2% / 8.7°)	
Total weight	1260 kg	1260 kg
Ground pressure, outrigger pad	9.5 kg/cm²	9.5 kg/cm²
Ground pressure with 0.4 x 0.4 m spreader plate	0.5 kg/cm²	0.5 kg/cm²
Max. force, outrigger	8.1 kN	8.1 kN
Hydraulic stabilizers	Standard	
Controls	2-step	
Flush basket mount	Standard	
Elec. power outlet in basket	Standard	
Tool tray in basket	Standard	



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OMME

MINI 15 EXJ / MINI 15 EXBJ

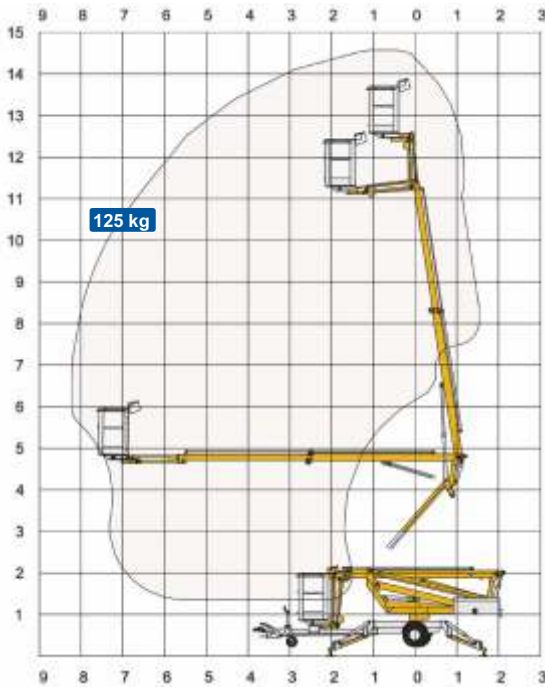
ARTICULATED SPIDER LIFT-TRAILER MOUNTED



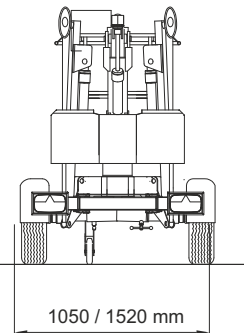
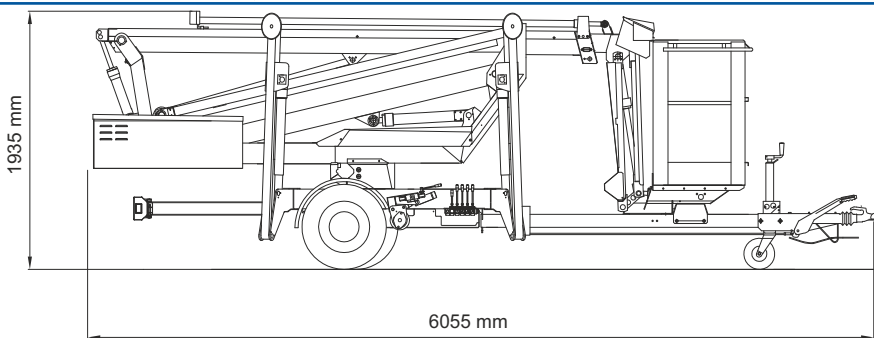
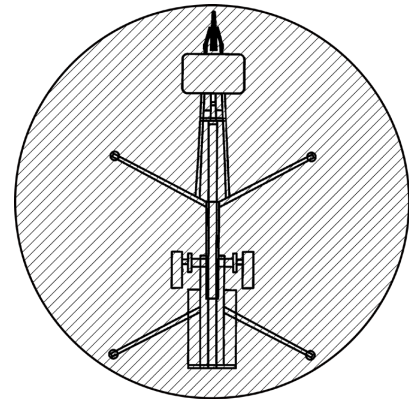
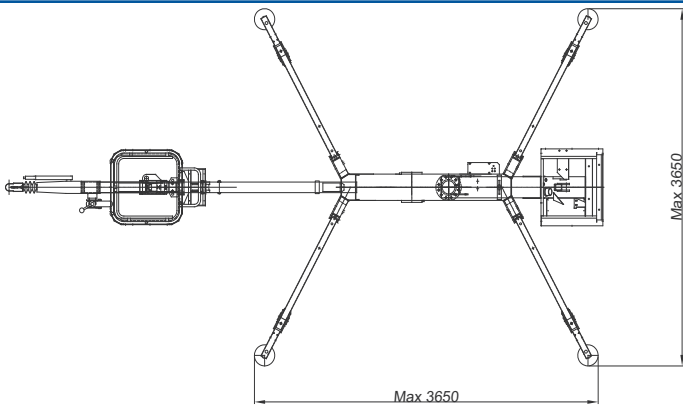
OMME

MINI 15 EXJ / MINI 15 EXBJ

ARTICULATED SPIDER LIFT-TRAILER MOUNTED



Technical Data:	Mini 15 EXJ	Mini 15 EXBJ
Max. working height	14.6 m	
Max. platform height	12.6 m	
Max. outreach	8.3 m	
Up and over clearance	4.5 m	
Angle boom length (boom + basket)	-	
Jib length (jib + basket)	2.0 m	
Vertical jib rotation	90°	
Turret rotation	± 355°	
Basket rotation	-	
Max. basket load	125 kg	
Basket size	0.85 x 0.7 x 1.1 m	
Stabilizer pad size	ø200 mm	
	230V / 10A	BATTERY
Engine		
Fuel tank capacity		
Generator		
Battery pack	24V/120Ah/5h	
Charger	24 V / 15 A	
Double charger system	Optional	
Elec. descent	Optional	Optional
Self-propulsion with hydraulic engagement of traction rollers	Standard	
Gradeability	14% / 8°	
Ground to tire clearance at max. set-up	Min. 170 mm (7.6% / 4.3°)	
Total weight	1500 kg	1500 kg
Ground pressure, outrigger pad	10.0 kg/cm ²	10.0 kg/cm ²
Ground pressure with 0.4 x 0.4 m spreader plate	0.5 kg/cm ²	0.5 kg/cm ²
Max. force, outrigger	8.5 kN	8.5 kN
Hydraulic stabilizers	Standard	
Controls	2-step	
Flush basket mount	Standard	
Elec. power outlet in basket	Standard	
Tool tray in basket	Standard	



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EASYLIFT

RA21

SPIDER LIFT-ARTICULATED



SPIDER

RA21  + 

SPIDER

RA21BA 

SPIDER

RA21HY  +  + 



TECHNICAL DATA

Max. working height	20.40 m
Max. working outreach	9.80m (230 Kg)
Up & over clearance	9.30 m
Max load capacity	230 Kg
Cage rotation	160
Turret rotation	360
Gradeability	30%
Total weight	2850 Kg

Electro-hydraulic controls

STANDARD ACCESSORIES

- Hour counter
- Air/water plug
- Electrical plug
- Radiocontrol
- Extending tracks

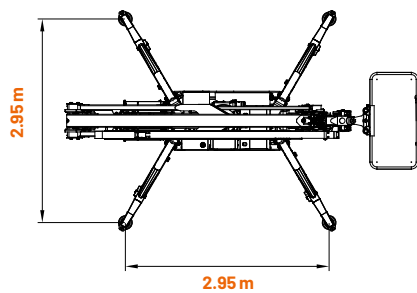
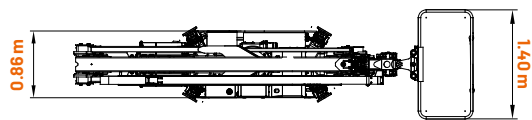
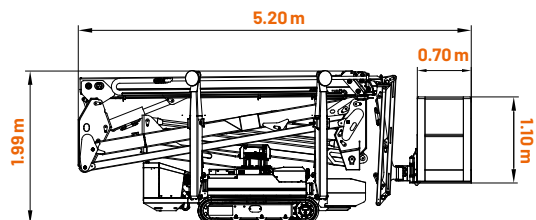
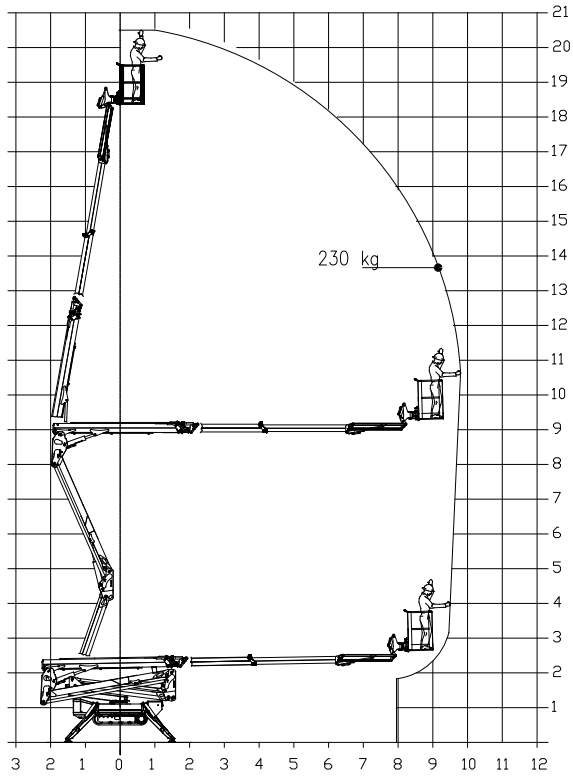
OPTIONAL ACCESSORIES

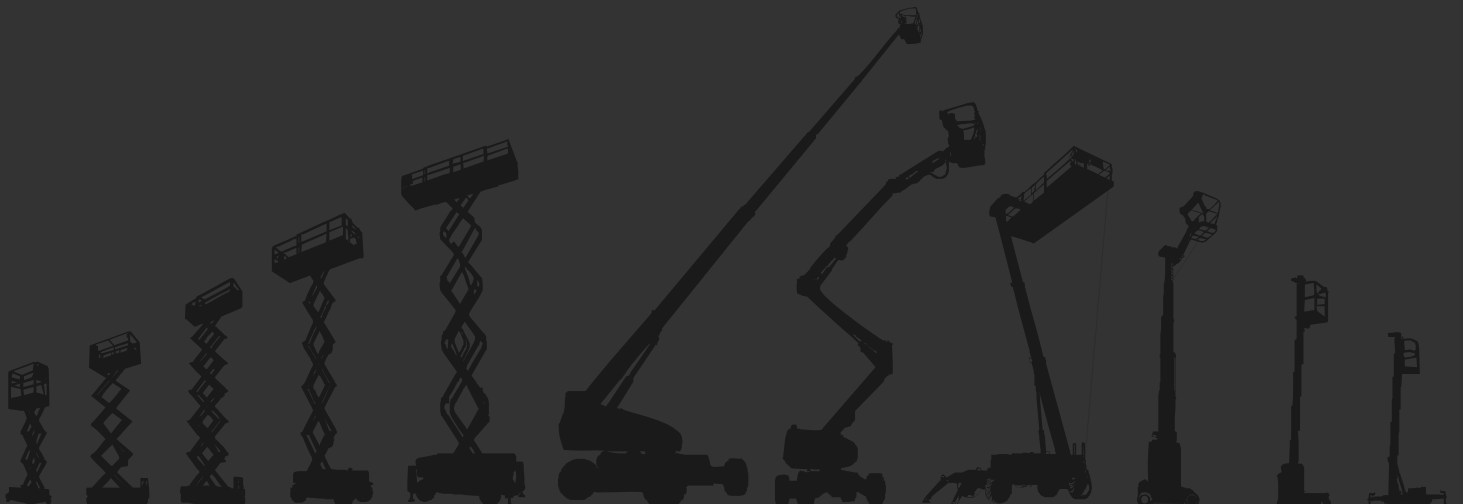
- Emergency electric pump
- Stabilizers self-leveling
- Non-marking tracks
- Special painting
- Fiberglass basket
- Working lamp on the basket
- Inclinometer
- Pads for stabilizers
- Winch (230 kg)
- EasyCom - Remote diagnostics

POWER SOURCES

Diesel Engine	12.5 kW
Electric motor	220V - 2.2 kW
Lithium battery R21BA	48V - 200 Ah
Lithium battery R21HY	48V - 100 Ah

EASYLIFT RA21 SPIDER LIFT-ARTICULATED





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equipment@mtandt.com | 9090 1010 65 | www.mtandt.com