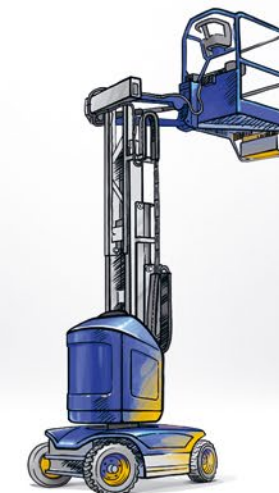
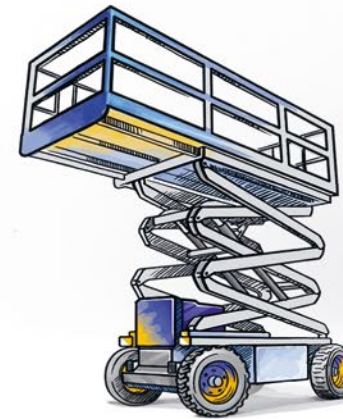


**SERVICE
CENTERS:**

Dubai
Abu Dhabi
Sharjah

vertex-awp.ae



**UNITED ARAB
EMIRATES**

+971 52 965 44 72
info@vertex-awp.ae



BEST SOLUTIONS IN THE FIELD OF LIFTING EQUIPMENT

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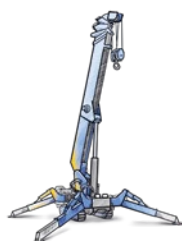
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VERTEX is a multi-brand company and an expert team whose task is to develop the market of lifting and special construction equipment. Only high-quality standard on hand and tailor-made equipment, service, vast experience and qualified employees are at disposal of our clients to solve a range of tasks in the field of work at height.

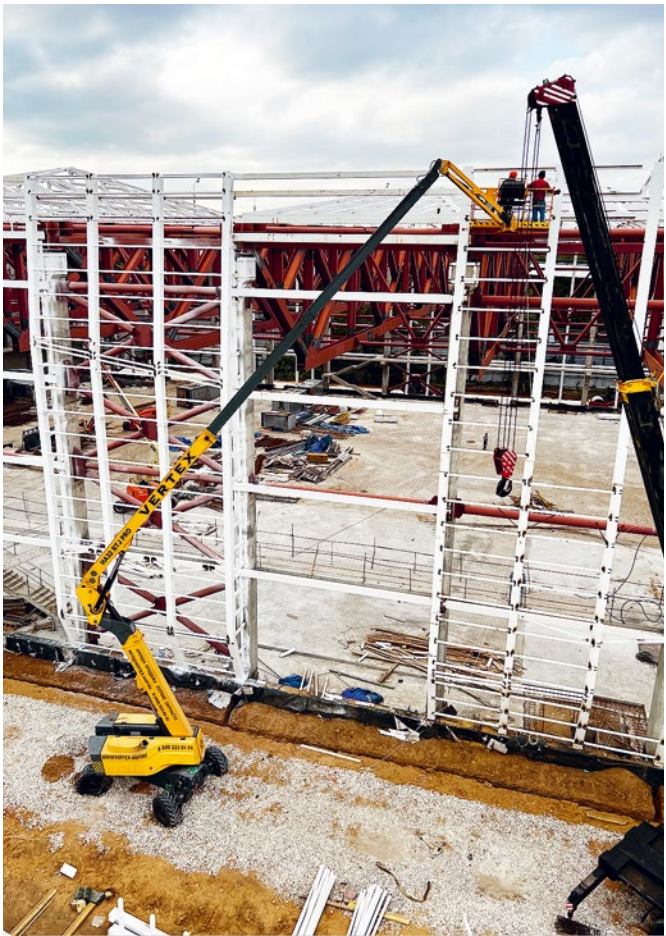
VERTEX offers more than 300 types of lifting equipment from the world's leading manufacturers. The company is an official dealer of the following lifting equipment brands: Haulotte, Palazzani, H.A.B, Valla, ZOOMLION.

All the equipment supplied by VERTEX is certified, undergoes pre-sale preparation, meets quality standards and is ready for operation.



VERTEX PAYS GREAT ATTENTION TO IMPROVEMENT AND STANDARDIZATION OF ITS ACTIVITIES CONFIRMED BY:

- ✓ the certificate of compliance of the company's quality management system with the requirements of the international standard GOST ISO 9001-2011 (ISO 9001:2008);
- ✓ TRACE International certificate proving compliance of the company's activities with national and international anti-corruption and sound practices of honesty, information transparency and financial responsibility in all areas;
- ✓ work authorization for types of work that affect the safety of capital construction projects.



- IN ADDITION TO NEW AND USED EQUIPMENT, THE COMPANY OFFERS:
- **repair, warranty and post-warranty maintenance** of special equipment by "Quickly and Efficiently" VERTEX service department, available 24/7;
 - constantly replenished own stock of original spare parts and components, prompt delivery and replacement;
 - **leasing and rental** of special lifting equipment;
 - training center for operation and maintenance of lifting equipment.



RENTAL OF AERIAL WORK PLATFORMS

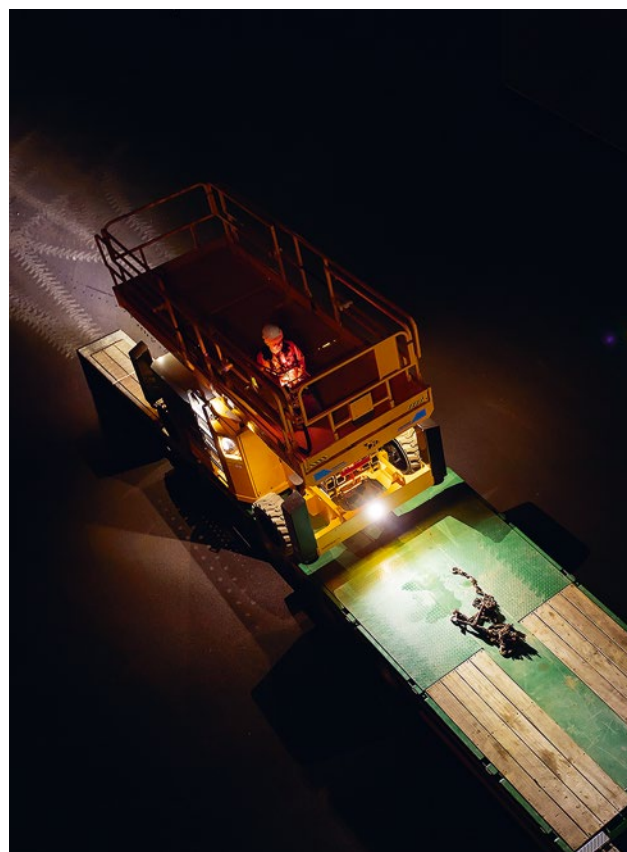


SCISSOR LIFTS



Working height 6 to 32 m	Lift capacity 230 to 1200 kg
------------------------------------	--

Self-propelled scissor lifts have a wide range of application from premise maintenance to heavy construction and installation work. Scissor lifts are used where the large platform, operating range and increased lift capacity are required.



Haulotte



Perfect for use in factories, production plants and industrial facilities, as well as construction sites and warehouses. Scissor lifts are convenient for maintenance, inventory, construction and building operation.



Haulotte

ELECTRIC 

Electric scissor lifts

M o d e l	Optimum 8	Compact 8	Compact 8W	Compact 10N	Compact 10	Compact 12	Compact 14
Working height (m)	7,77	8,2	8,27	10	10,15	11,98	13,85
Lift capacity (kg)	230	350	450	230	450	300	350
Length (m)	1,9	2,49	2,49	2,49	2,49	2,49	2,49
Width (m)	0,79	0,81	1,2	0,81	1,2	1,2	1,2
Stowed height (m)	1,98	2	2,14	2,18	2,36	2,39	2,5
Weight (kg)	1590	1655	2030	2190	2330	2470	3175
Power type	electric	electric	electric	electric	electric	electric	electric

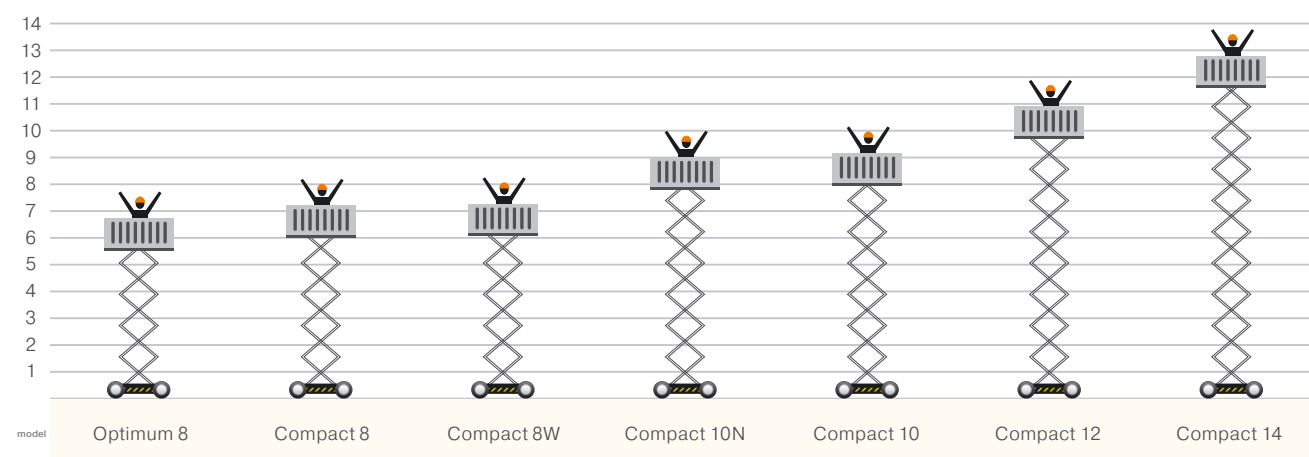
Rough terrain electric scissor lifts

M o d e l	HS 15 E	HS 15 E PRO	HS 18 E	HS 18 E PRO
Working height (m)	15	15	18	18
Lift capacity (kg)	750	750	750	750
Increased platform size (m)	4,8x1,89	5,8x1,89	4,8x1,89	5,8x1,89
Length (m)	4,4	4,4	4,4	4,4
Width (m)	2,3	2,3	2,3	2,3
Stowed height (m)	3,05	3,05	3,15	3,15
Weight (kg)	7480	7480	8010	8010
Power type	electric	electric	electric	electric

- Differential lock
- All-wheel drive
- Increased load capacity
- Gradeability up to 45%
- High ground clearance

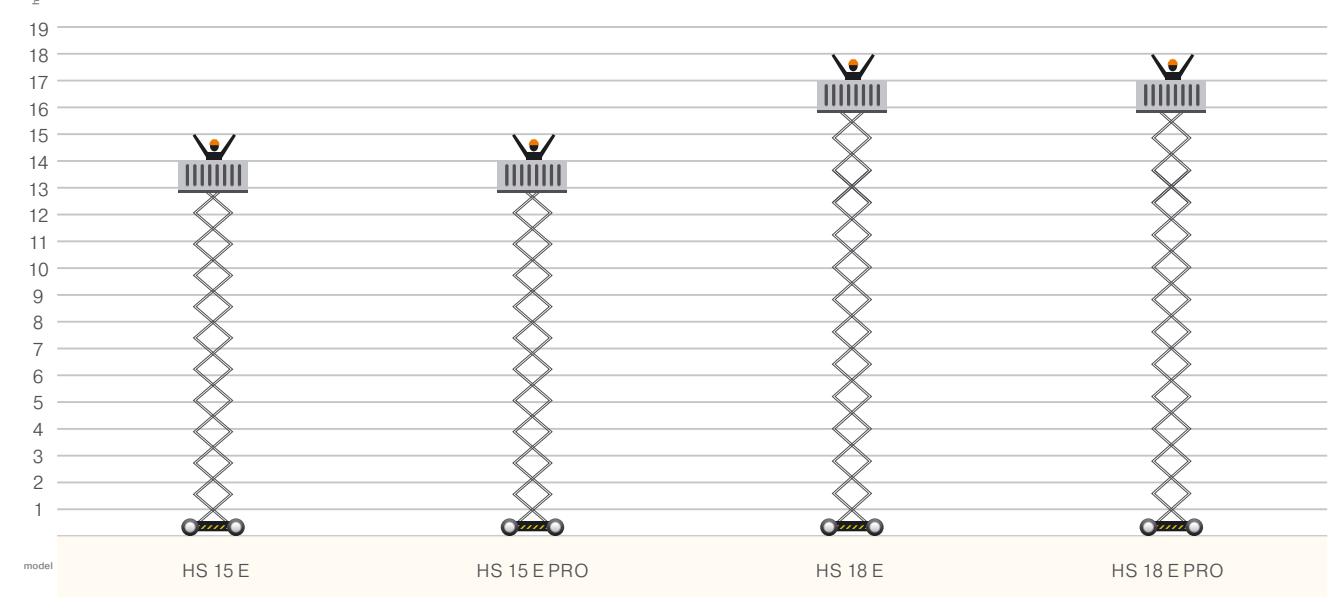


Working height of Haulotte scissor lifts, electric drive.



Haulotte

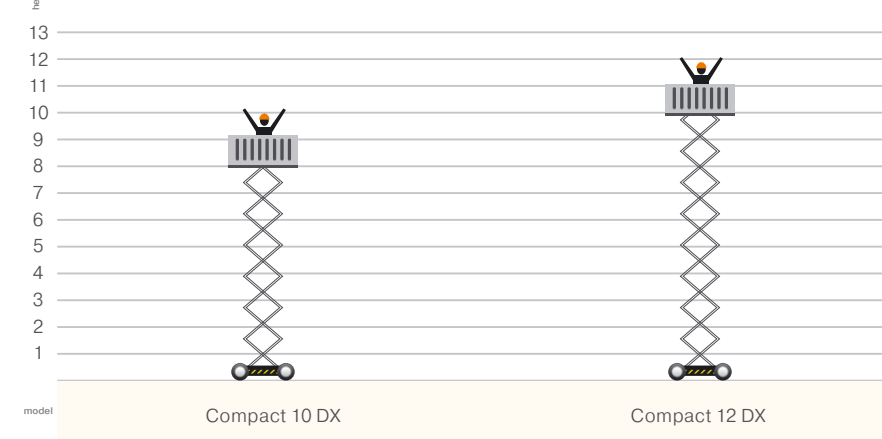
Working height of Haulotte rough terrain scissor lifts, electric drive.

DIESEL 

Rough terrain diesel scissor lifts.

M o d e l	Compact 10 DX	Compact 12 DX
Working height (m)	10,28	12,06
Lift capacity (kg)	565	450
Length (m)	3,17	3,17
Width (m)	1,78	1,78
Stowed height (m)	2,44	2,56
Weight (kg)	3520	4110
Power type	diesel	diesel

Working height of Haulotte scissor lifts, diesel power drive.



COLD WEATHER PACKAGE IS AVAILABLE FOR ARCTIC CONDITIONS:

1. Hydraulic oil change to arctic-type oil;
2. Hydraulic oil tank heater;
3. Engine oil change to arctic-type oil;
4. Engine oil heater;
5. Autonomous battery charger.

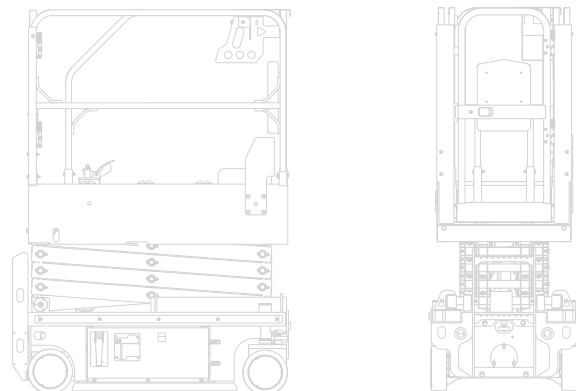


ZOOMLION

ZOOMLION is a Chinese construction machine-building company, a major construction and agricultural machinery manufacturer.

The ZOOMLION product line is one of the widest in the industry.

They offer: scissor, articulating boom, telescopic lifts.

ELECTRIC 

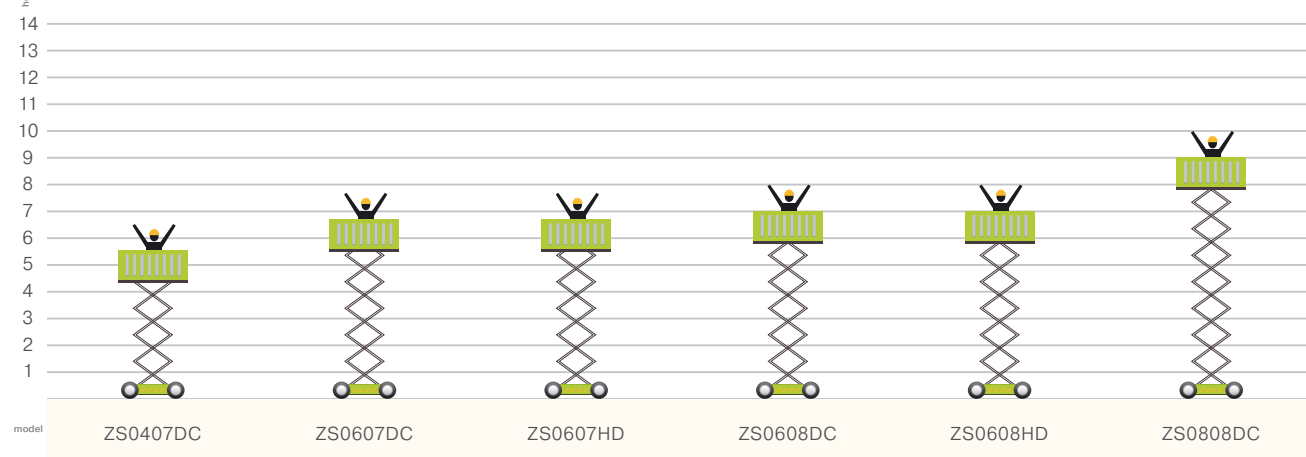
Electric scissor lifts

M o d e l	ZS0407DC	ZS0607DC	ZS0607HD	ZS0608DC	ZS0608HD	ZS0808DC
Working height (m)	6,5	7,8	7,8	8	8	10
Lift capacity (kg)	240	230	230	380	380	230
Length (m)	1,44	1,85	1,85	2,49	2,49	2,49
Width (m)	0,76	0,76	0,76	0,81	0,81	0,81
Stowed height (m)	1,7	1,79	1,79	1,72	1,72	1,85
Weight (kg)	895	1455	1425	1940	1910	2090
Power type	electric	electric	electric	electric	electric	electric

*Lithium ion batteries are available



■ Working height of Zoomlion scissor lifts, electric drive.



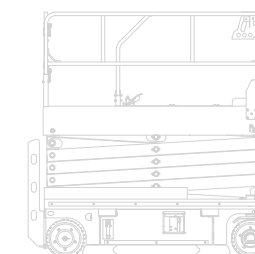
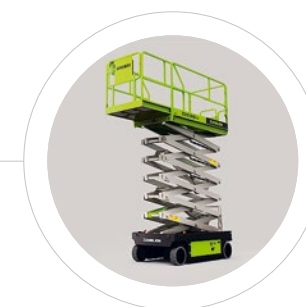
ZOOMLION

ELECTRIC 

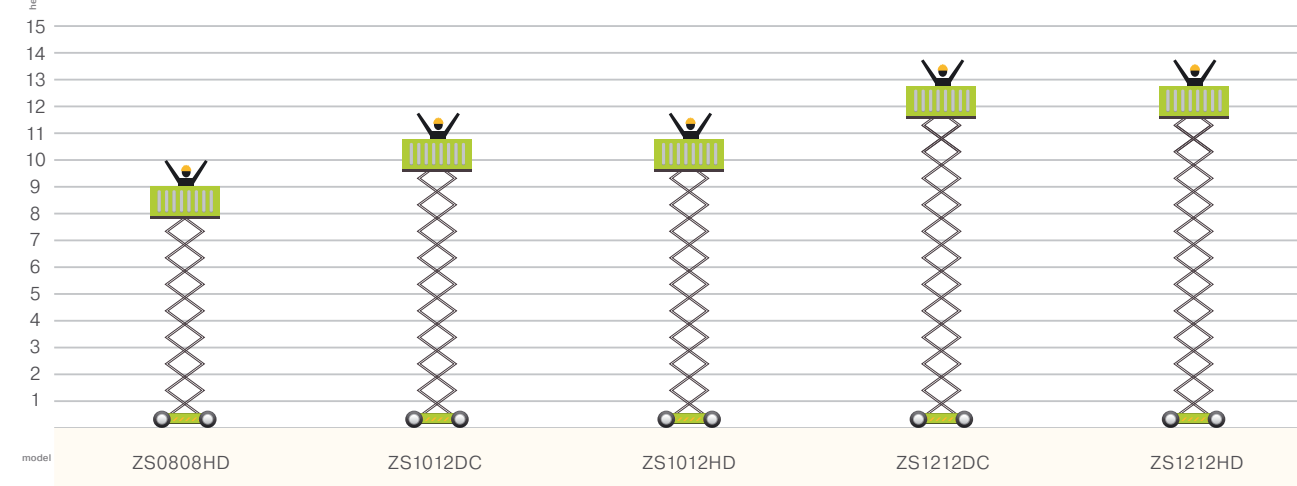
Electric scissor lifts

M o d e l	ZS0808HD	ZS1012DC	ZS1012HD	ZS1212DC	ZS1212HD
Working height (m)	10	11,8	11,8	13,8	13,8
Lift capacity (kg)	230	350	350	350	350
Length (m)	2,49	2,49	2,49	2,49	2,49
Width (m)	0,81	1,15	1,15	1,15	1,15
Stowed height (m)	1,85	1,92	1,92	2,05	2,05
Weight (kg)	2060	2930	2900	3210	3180
Power type	electric	electric	electric	electric	electric

*Lithium ion batteries are available



■ Working height of Zoomlion scissor lifts, electric drive.



ZOOMLION

ELECTRIC 

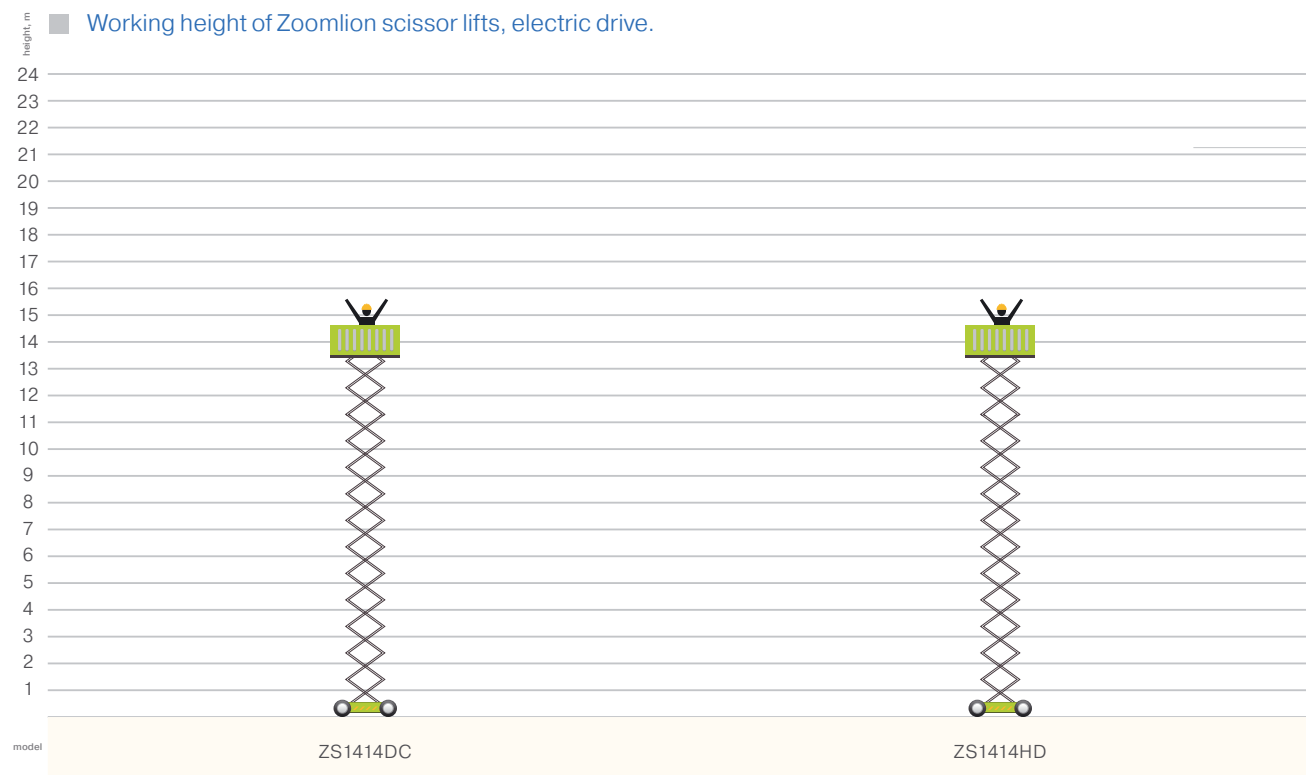
Electric scissor lifts

Model	ZS1414DC	ZS1414HD
Working height (m)	15,7	15,7
Lift capacity (kg)	260	260
Length (m)	2,87	2,87
Width (m)	1,4	1,4
Stowed height (m)	2,1	2,1
Weight (kg)	3570	3540
Power type	electric	electric

*Lithium ion batteries are available



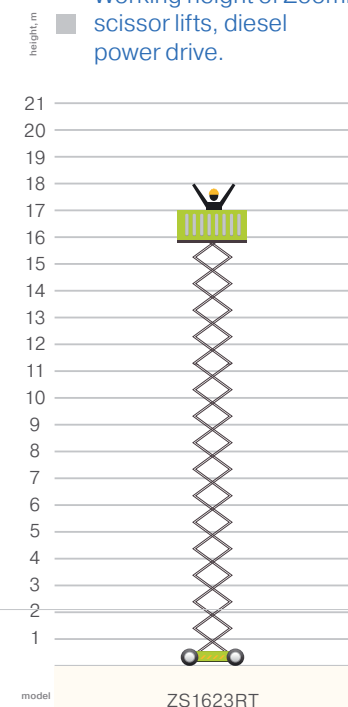
■ Working height of Zoomlion scissor lifts, electric drive.



ZOOMLION

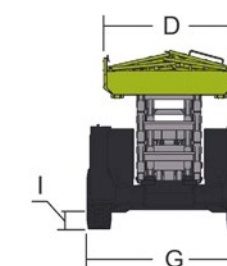
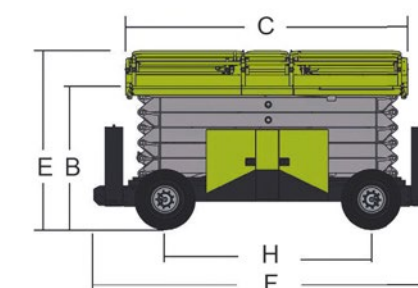
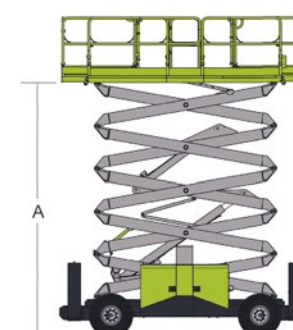
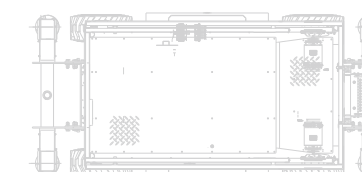
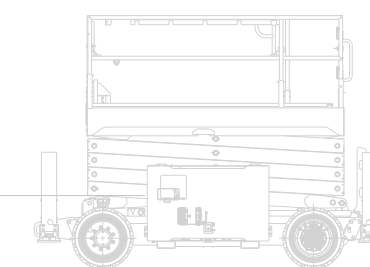
DIESEL 

Working height of Zoomlion scissor lifts, diesel power drive.



Diesel scissor lift

Model	ZS1623RT
Working height (m)	18
Lift capacity (kg)	680
Length (m)	4,88
Width (m)	2,3
Stowed height (m)	2,47
Weight (kg)	8650
Power type	diesel

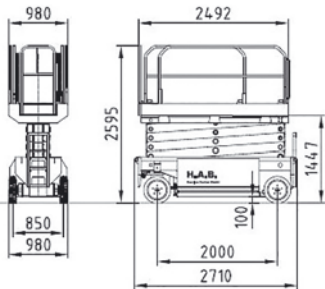


HAB Engineering

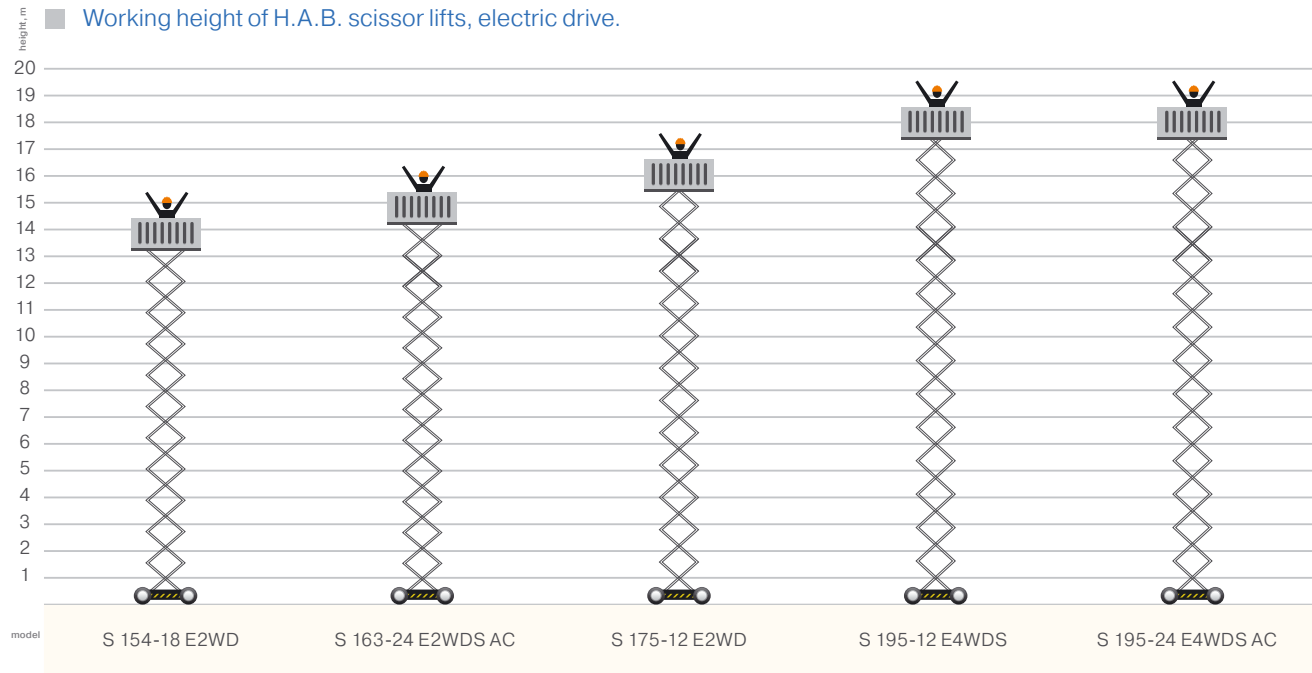
HAB Engineering GmbH is a German company specializing in the manufacture of scissor lifts. This equipment has many advantages and has won wide recognition in the professional environment. The use of such equipment provides significant reducing of the work performance time and increase in productivity.



H.A.B. ELECTRIC LIFTS ARE WIDELY USED FOR VARIOUS TYPES OF INDOOR WORK. High lift capacity and sufficiently large platform make it possible to lift all the required equipment, tools and materials at the same time. And the workers do not need to go down once again to take the required equipment, they just have to place everything on the platform before work and to be fully equipped.



NO EMISSIONS, NON-MARKING TIRES AND SILENT RUNNING MAKE THE H.A.B. ELECTRIC LIFTS THE BEST OPTION FOR A WAREHOUSE OR SUPERMARKET HALL.

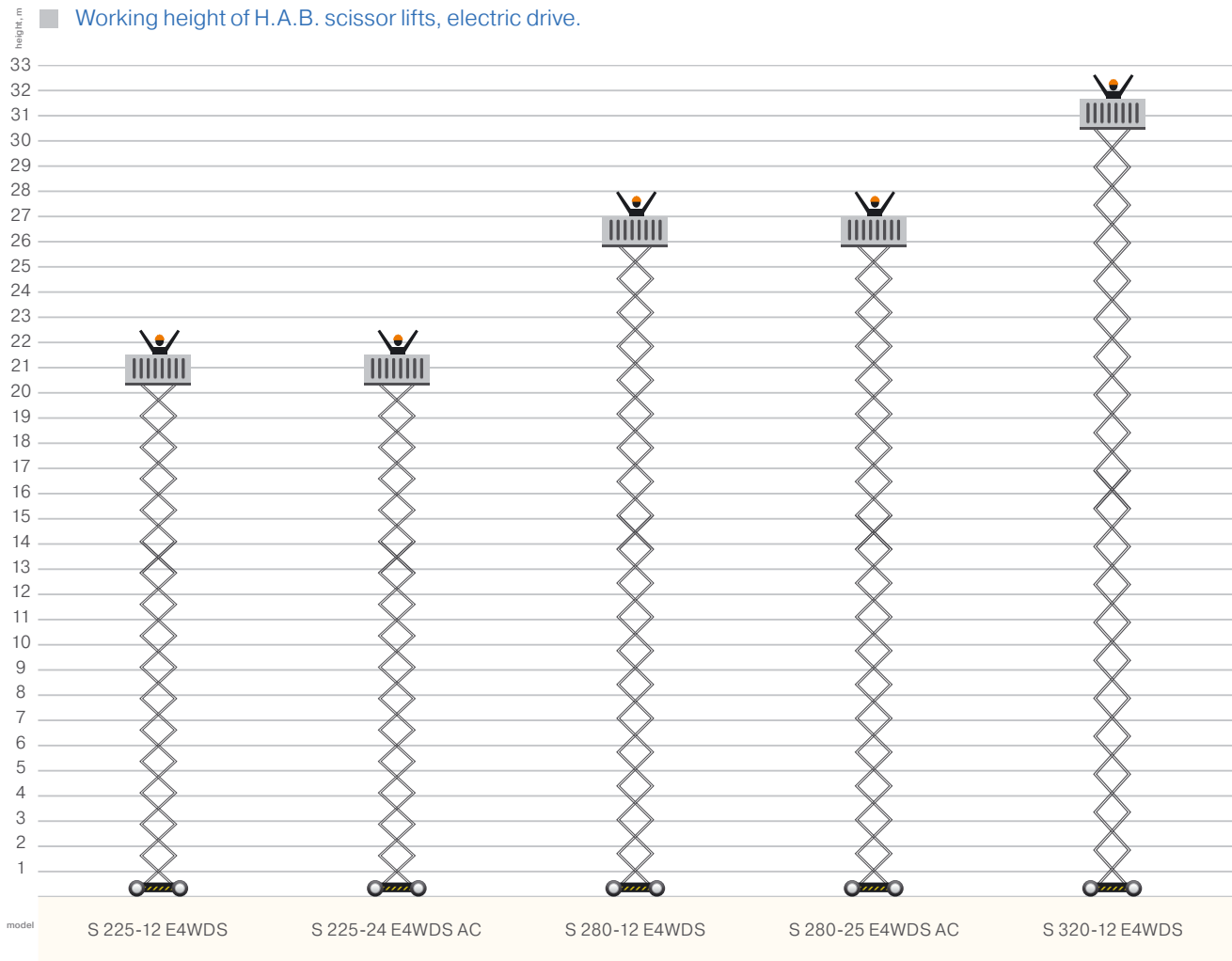


HAB Engineering

ELECTRIC

M o d e l	S 154-18 E2WD	S 163-24 E2WDS AC	S 175-12 E2WD	S 195-12 E4WDS	S 195-24 E4WDS AC
Working height (m)	15,4	16,3	17,5	19,5	19,5
Lift capacity (kg)	600	750	500	600	750
Length (m)	3,49	4,84	3,34	4,6	4,84
Width (m)	1,8	2,46	1,19	1,25	2,46
Stowed height (m)	2,3	2,37	2,38	2,72	2,62
Weight (kg)	5160	9000	5350	10300	11000
Power type	electric	electric	electric	electric	electric

M o d e l	S 225-12 E4WDS	S 225-24 E4WDS AC	S 280-12 E4WDS	S 280-25 E4WDS AC	S 320-12 E4WDS
Working height (m)	22,5	22,5	28	28	32,63
Lift capacity (kg)	600	750	600	750	600
Length (m)	4,6	4,84	5,55	5,96	6,42
Width (m)	1,25	2,46	1,25	2,5	1,39
Stowed height (m)	2,97	2,88	3,18	3,2	3,19
Weight (kg)	11000	12300	15950	18000	21500
Power type	electric	electric	electric	electric	electric



HAB Engineering

Lifting equipment made by H. A.B. is highly reliable and wear resistant. A state-of-the-art safety system including overload locking mechanisms, emergency descent system and other important components provides maximum confidence when working at height.



HAB Engineering

DIESEL

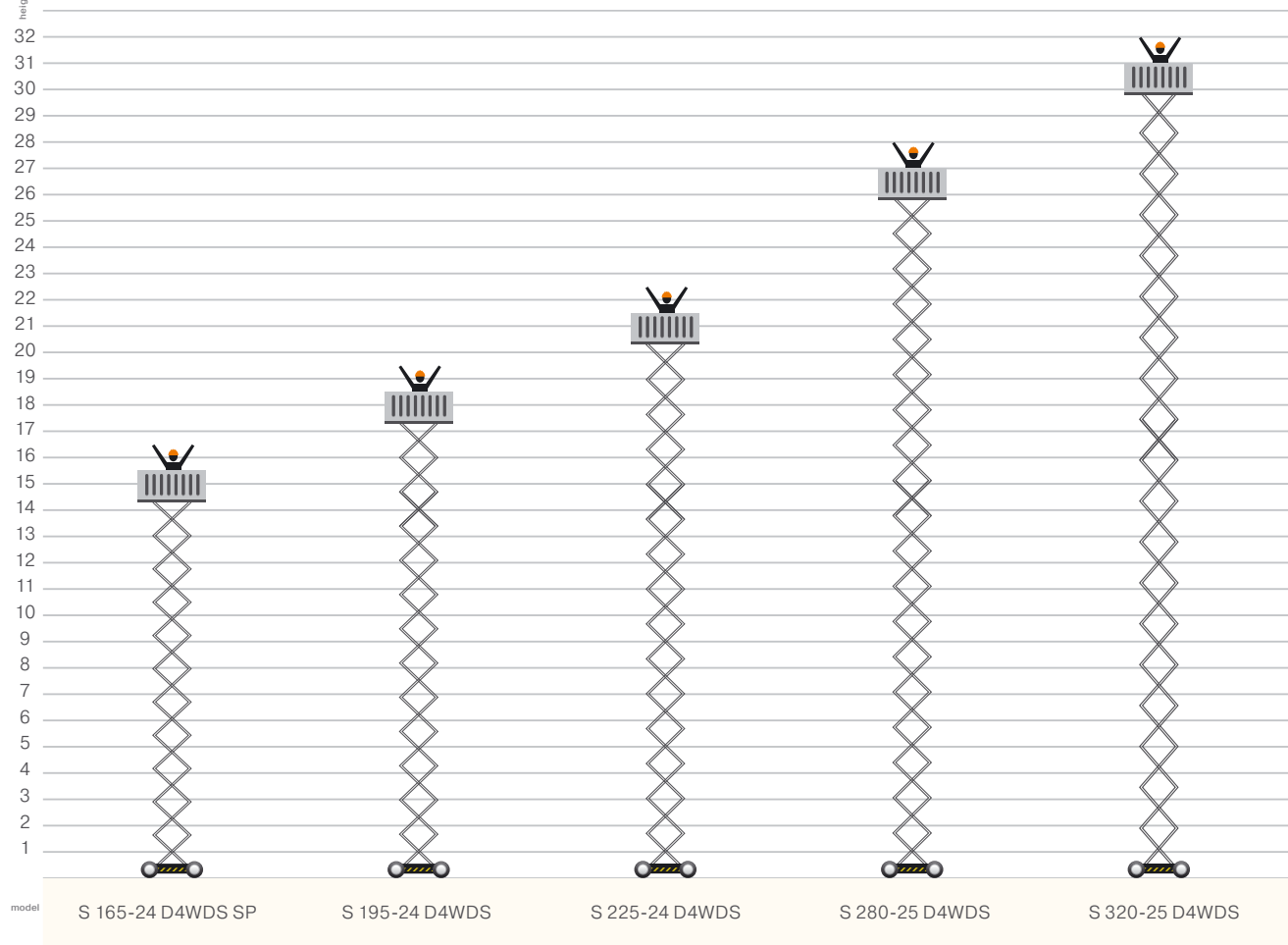
M o d e l	S 165-24 D4WDS SP	S 195-24 D4WDS	S 225-24 D4WDS	S 280-25 D4WDS	S 320-25 D4WDS
Working height (m)	16,5	19,5	22,5	28	32
Lift capacity (kg)	500	750	750	750	950
Length (m)	5,6	4,84	4,84	5,96	6,7
Width (m)	2,39	2,39	2,39	2,5	2,55
Stowed height (m)	2,6	2,62	2,88	3,2	3,31
Weight (kg)	8950	10000	11000	18000	29000
Power type	diesel	diesel	diesel	diesel	diesel



- COLD WEATHER PACKAGE IS AVAILABLE FOR ARCTIC CONDITIONS:**
- 1. Hydraulic oil change to arctic-type oil;
 - 2. Hydraulic oil tank heater;
 - 3. Engine oil change to arctic-type oil;
 - 4. Engine oil heater;
 - 5. Autonomous battery charger.



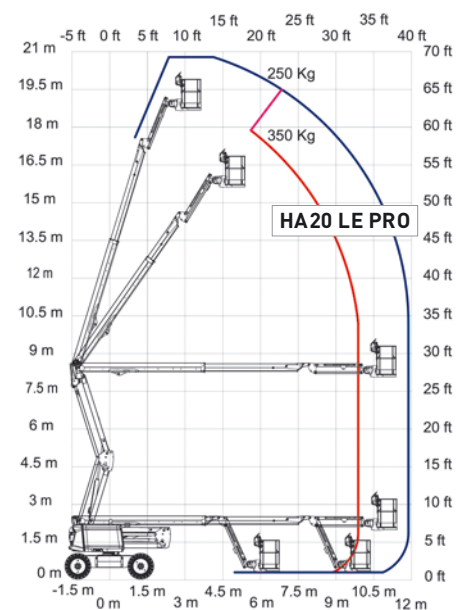
Working height of H.A.B. scissor lifts, diesel power drive.



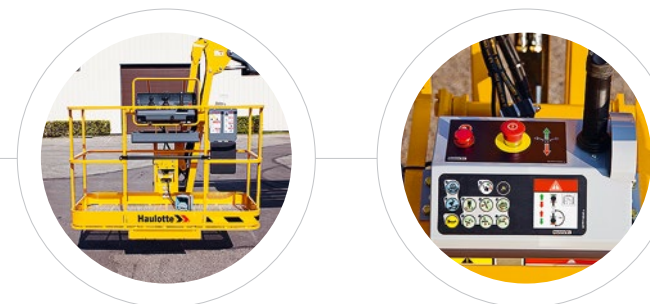
ARTICULATING BOOM LIFTS

Working height	Lift capacity
11 to 46.6 m	200 to 350 kg

Self-propelled articulating boom lifts stand out for their suitability when it comes to operation in hard-to-reach areas and at high altitudes. Perfect for use on construction sites, factories, supermarkets, and malls. Articulating boom lifts are suitable for both indoor and outdoor operation.



Haulotte



Haulotte

ELECTRIC 

Electric articulating boom lifts

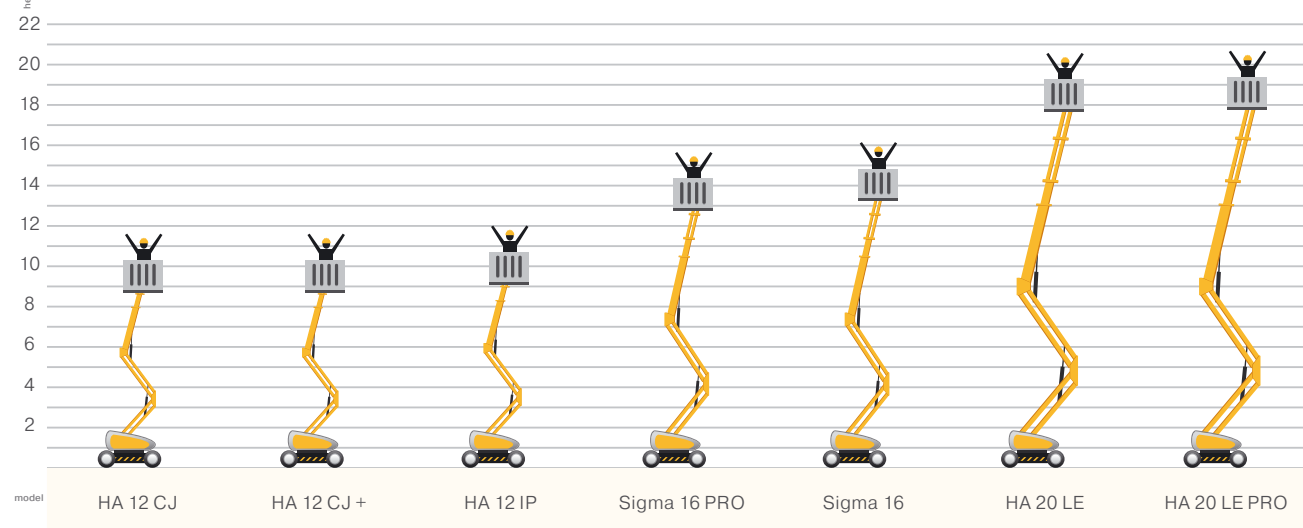
M o d e l	HA 12 CJ	HA 12 CJ +	HA 12 IP	Sigma 16 PRO	Sigma 16
Working height (m)	11,68	11,68	12	15,7	16,1
Horizontal reach (m)	6,94	7,22	6,5	8,05	8,35
Lift capacity (kg)	250	230	230	230	230
Maximum up and over clearance	4,74	4,74	5,3	7,4	7,4
Length (m)	5,36	5,64	5,4	6,65	6,6
Width (m)	1,2	1,2	1,35	1,75	1,75
Stowed height (m)	1,99	1,99	2	2	2
Weight (kg)	7065	7110	5945	6950	6900
Power type	electric	electric	electric	electric	electric

Rough terrain electric articulating boom lifts

M o d e l	HA 20 LE	HA 20 LE PRO
Working height (m)	20,67	20,76
Horizontal reach (m)	11,91	11,91
Lift capacity (kg)	250	250
Maximum up and over clearance	8,43	8,52
Length (m)	8,45	8,54
Width (m)	2,41	2,41
Stowed height (m)	2,4	2,5
360° continuous rotation	-	+
Oscillating axle	+	+
Four-wheel steering	-	+
Weight (kg)	9375	9785
Power type	electric	electric



Working height of Haulotte articulating boom lifts, electric drive.



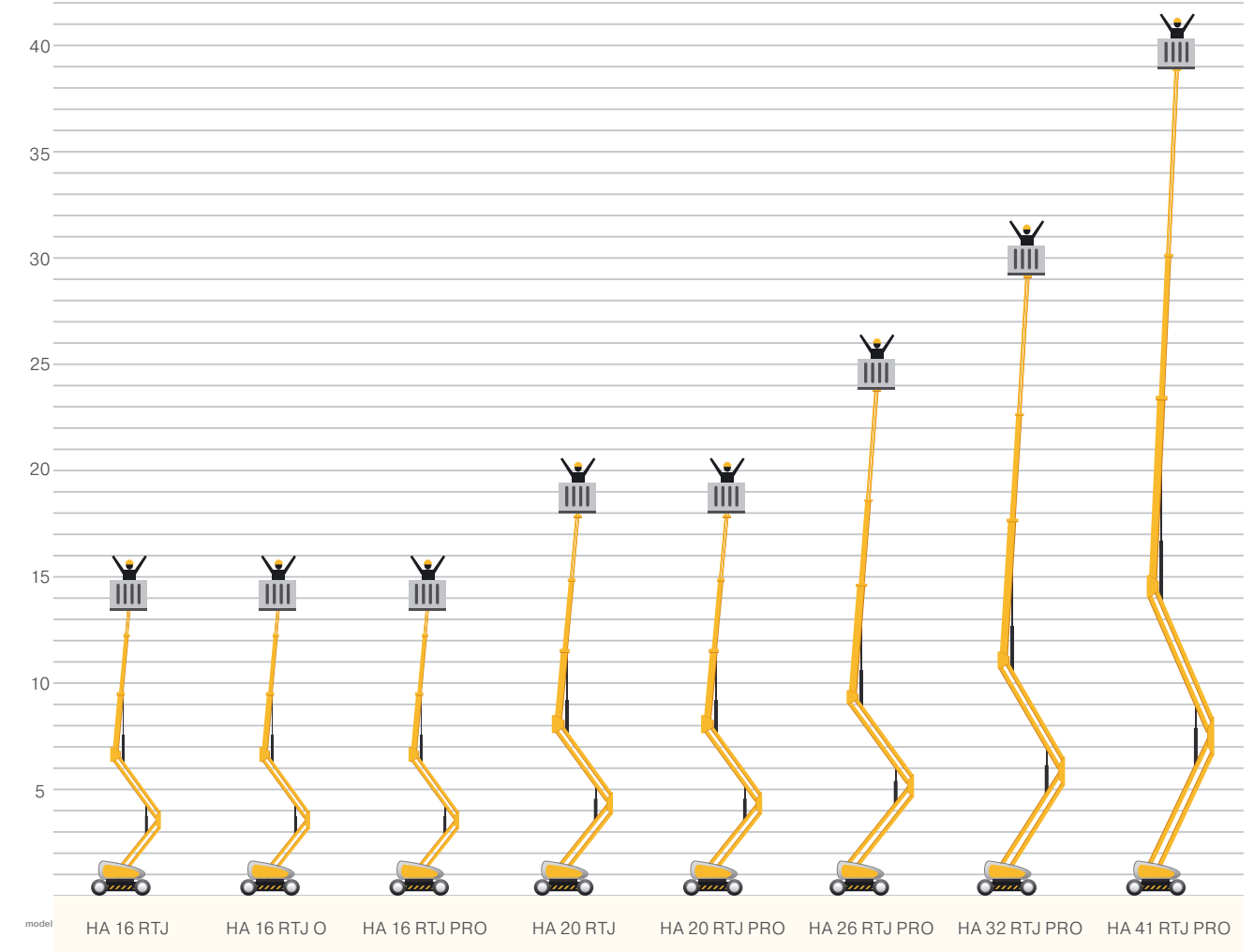
Haulotte

DIESEL 

Rough terrain diesel articulating boom lifts

M o d e l	HA 16 RTJ	HA 16 RTJ O	HA 16 RTJ PRO	HA 20 RTJ	HA 20 RTJ PRO	HA 26 RTJ PRO	HA 32 RTJ PRO	HA 41 RTJ PRO
Working height (m)	16	16	16	20,6	20,6	26,4	31,8	41,5
Horizontal reach (m)	8,3	8,3	8,3	12,2	12,2	17,6	21,6	20,1
Lift capacity (kg)	230	230	230	230	230	250	250	230
Maximum up and over clearance	7,65	7,65	7,65	8,4	8,4	9,3	11,35	17,5
Length (m)	6,75	6,75	6,75	8,8	8,8	11,8	11,7	13,1
Width (m)	2,3	2,3	2,3	2,42	2,42	2,48	2,53	2,53
Stowed height (m)	2,3	2,3	2,3	2,51	2,51	2,97	2,8	2,99
360° continuous rotation	-	-	+	-	+	+	+	+
Oscillating axle	-	+	+	-	+	+	+	+
Four-wheel steering	-	-	+	-	+	+	+	+
Weight (kg)	6200	6450	6650	9300	9600	15500	20100	23900
Power type	diesel	diesel	diesel	diesel	diesel	diesel	diesel	diesel

Working height of Haulotte articulating boom lifts, diesel power drive.



ZOOMLION

ELECTRIC 

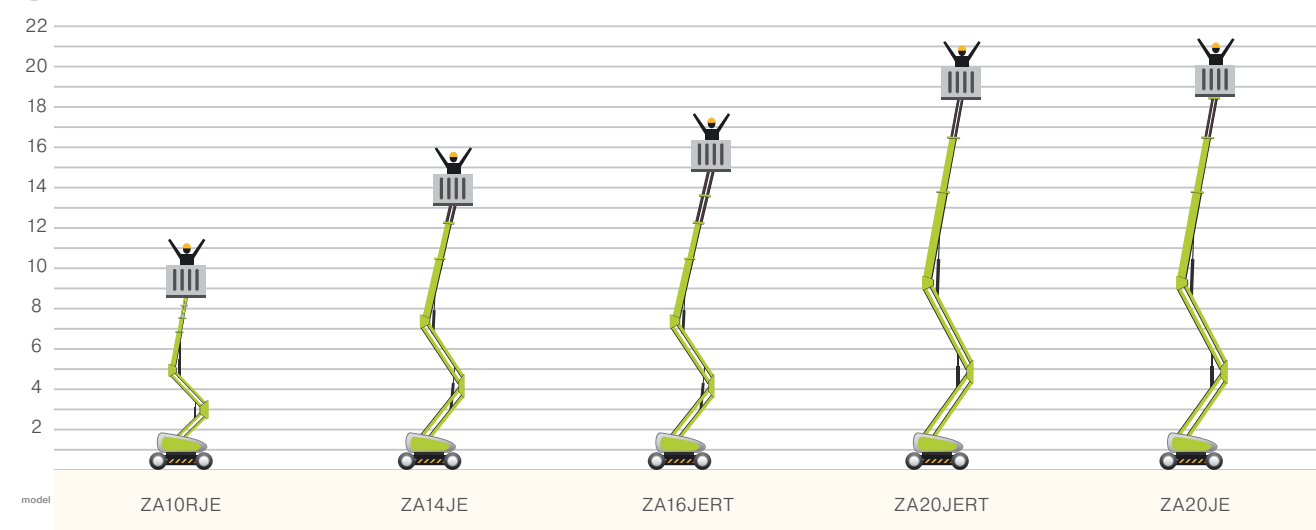
Electric articulating boom lifts

M o d e l	ZA10RJE	ZA14JE	ZA16JERT	ZA20JERT	ZA20JE
Working height (m)	11,55	16	17,8	21,38	21,45
Horizontal reach (m)	6,25	7,5	9,72	12,1	12,05
Lift capacity (kg)	230	230	250	250	250
Maximum up and over clearance	4,6	7,74	8	8,25	8,25
Length (m)	5,55	6,6	7, 7	8,8	8,72
Width (m)	1,2	1,75	2, 3	2,46	2,46
Stowed height (m)	1,98	2	2, 23	2,52	2,52
Weight (kg)	6550	6800	7300	9250	9200
Power type	electric	electric	electric	electric	electric

*Lithium ion batteries are available



Working height of Zoomlion articulating boom lifts, electric drive.



ZOOMLION

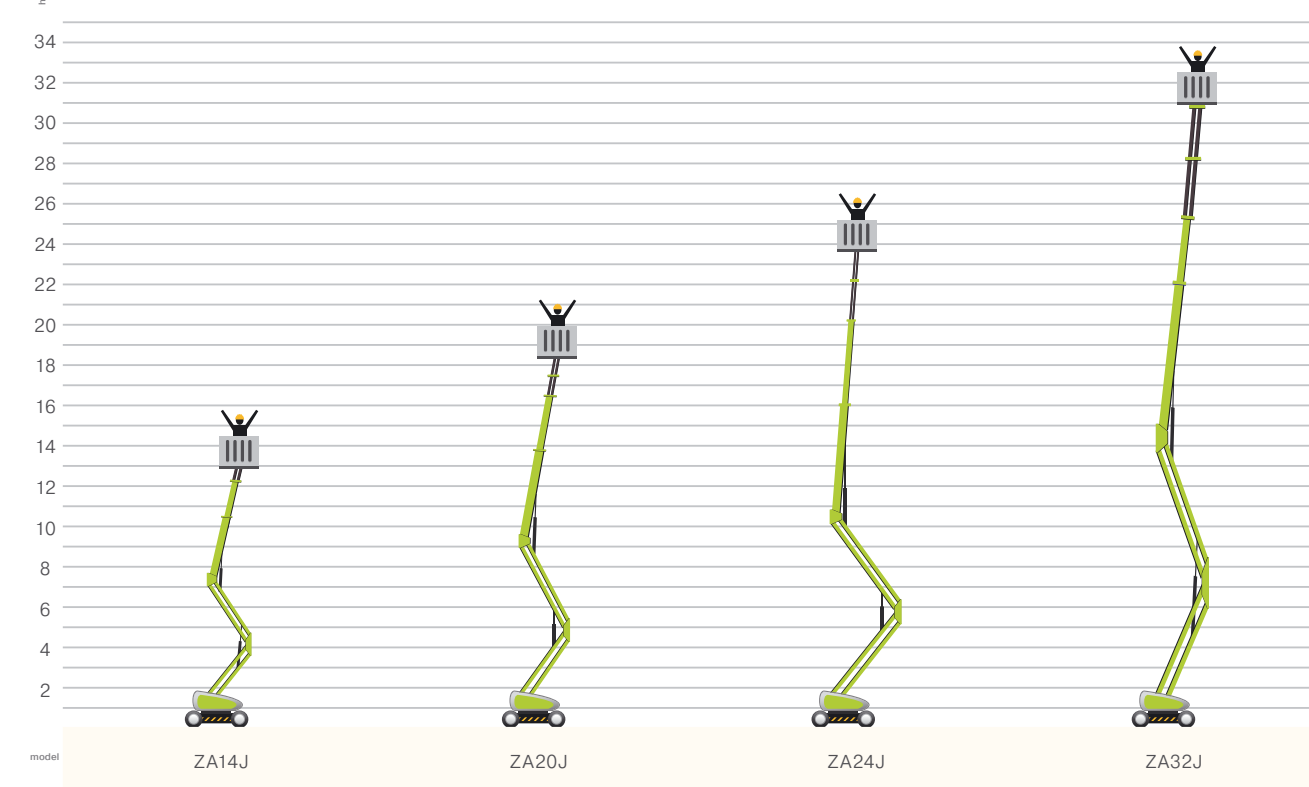
DIESEL 

Diesel articulating boom lifts

M o d e l	ZA14J	ZA20J	ZA24J	ZA32J
Working height (m)	15,8	21,38	26,5	33,85
Horizontal reach (m)	8,3	12,3	18,9	21,17
Lift capacity (kg)	300	250	250	250
Maximum up and over clearance	7,55	8,2	9,42	14,52
Length (m)	6,57	8,82	11,2	12,6
Width (m)	2,3	2,46	2,49	2,49
Stowed height (m)	2,27	2,52	3	3,1
360° continuous rotation	355	+	+	+
Oscillating axle	+	+	+	+
Four-wheel steering	-	-	-	-
Weight (kg)	7100	10 000	18 300	19 700
Power type	diesel	diesel	diesel	diesel



Working height of Zoomlion articulating boom lifts, diesel power drive.



TELESCOPIC LIFTS

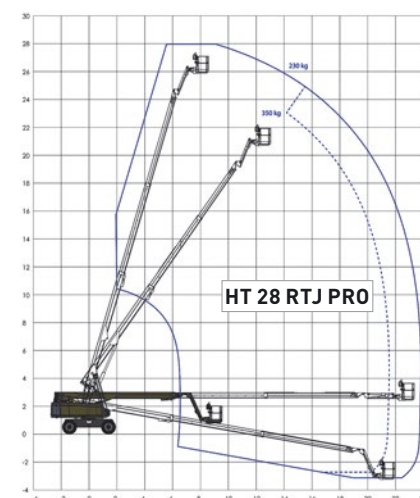
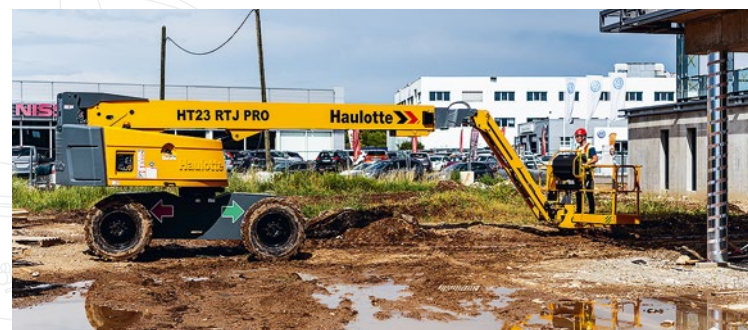


Working height
16 to 58 m

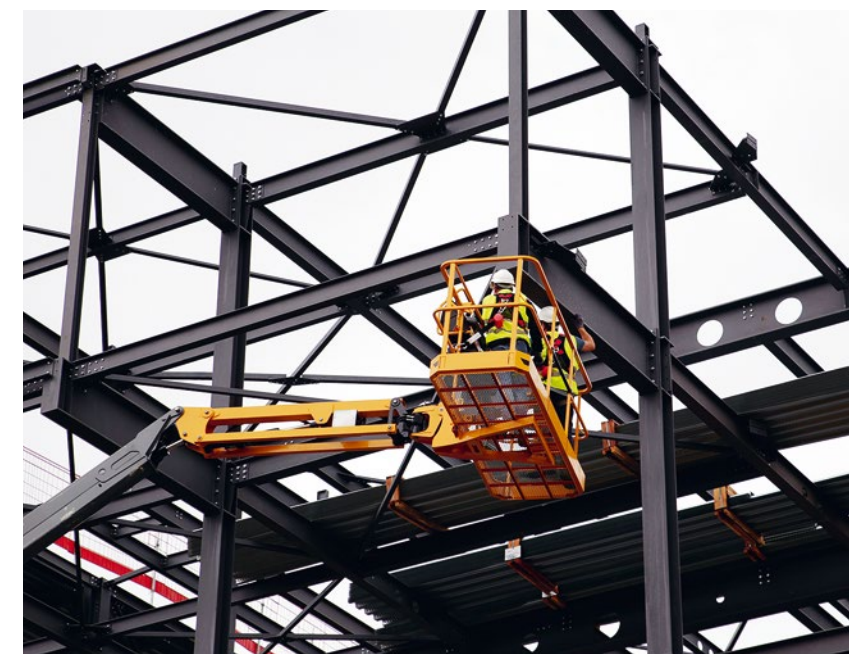
Lift capacity
230 to 300 kg

Distinguished by the increased lift capacity and working height. A long and straight boom requires a lot of free space, therefore, telescopic lifts are usually used for outdoor work.

Used in the construction and building operation, facade maintenance, roofing and cladding.



Haulotte



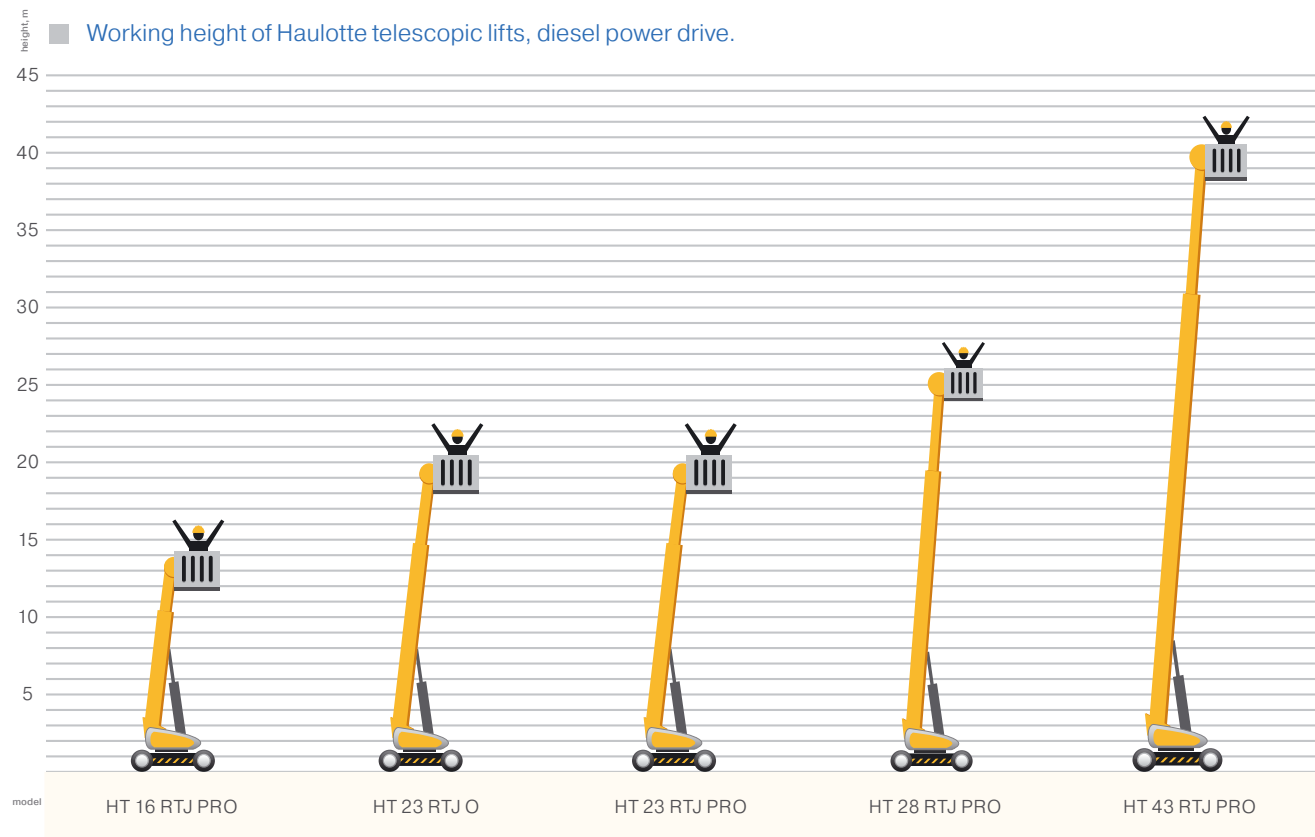
Haulotte

DIESEL



Rough terrain diesel telescopic lifts

M o d e l	HT 16 RTJ PRO	HT 23 RTJ O	HT 23 RTJ PRO	HT 28 RTJ PRO	HT 43 RTJ PRO
Working height (m)	16,1	22,5	22,5	27,9	42,2
Horizontal reach (m)	13	18,3	18,3	23,85	20,2
Lift capacity (kg)	250	230 (option 450)	230 (option 450)	230 (option 450)	230 (option 450)
Length (m)	9,16	10,4	10,4	13,05	14,8
Width (m)	2,29	2,47	2,47	2,48	2,5
Stowed height (m)	2,47	2,7	2,7	2,85	3,05
360° continuous rotation	+	+	+	+	+
Oscillating axle	+	+	+	+	+
Four-wheel steering	+	-	+	+	+
Weight (kg)	7930	13320	13400	18100	21400
Power type	diesel	diesel	diesel	diesel	diesel



Haulotte



Telescopic lifts



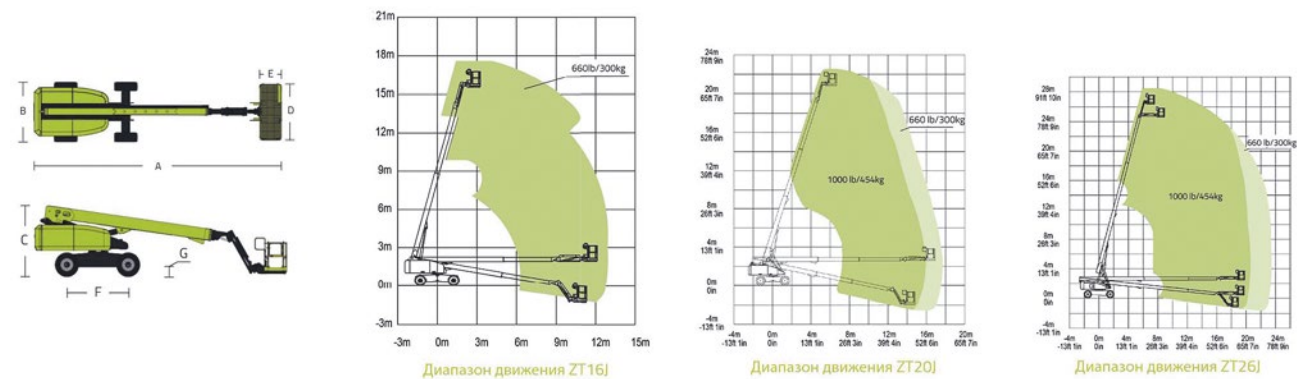
ZOOMLION

DIESEL



Diesel telescopic lifts

M o d e l	ZT16J	ZT20J	ZT26J	ZT30J
Working height (m)	17,5	22,75	28,2	32,48
Horizontal reach (m)	12	17,4	23,31	19,78
Lift capacity (kg)	300	300/454	300/454	230/340
Length (m)	10,3	10,36	12,5	12,43
Width (m)	2,45	2,49	2,49	2,49
Stowed height (m)	2,3	2,78	2,8	2,8
360° continuous rotation	+	+	+	+
Oscillating axle	+	+	+	+
Four-wheel steering	-	-	-	+
Weight (kg)	8650	12400	18900	19400
Power type	diesel	diesel	diesel	diesel



Working height of Zoomlion telescopic lifts, diesel power drive.



ZOOMLION

DIESEL



Diesel telescopic lifts

M o d e l	ZT34J	ZT38J	ZT42J	ZT58J-V
Working height (m)	36	40,2	44,08	58,8
Horizontal reach (m)	24,2	25	25	25
Lift capacity (kg)	300/454	300/454	300/454	300
Length (m)	13,5	12,3	13	14,4
Width (m)	2,49	2,49	2,49	2,5
Stowed height (m)	3	3	3	3,06
360° continuous rotation	+	+	+	+
Oscillating axle	+	+	+	+
Four-wheel steering	+	+	+	+
Weight (kg)	19200	20680	21900	29600
Power type	diesel	diesel	diesel	diesel



Working height of Zoomlion telescopic lifts, diesel power drive.



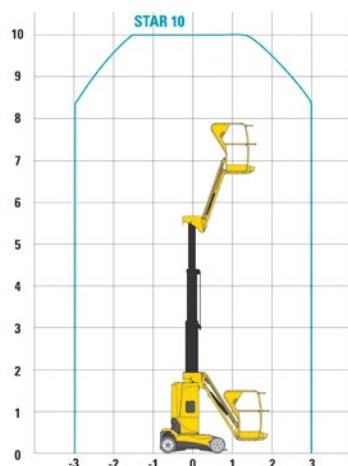
VERTICAL LIFTS



Working height
5 to 10 m

Lift capacity
200 to 230 kg

Self-propelled vertical lifts are used to perform tasks that do not require lifting of bulky items. Ideal for indoor use, use in warehouses, offices, supermarkets and gyms for light fixture replacement and general maintenance.



Haulotte

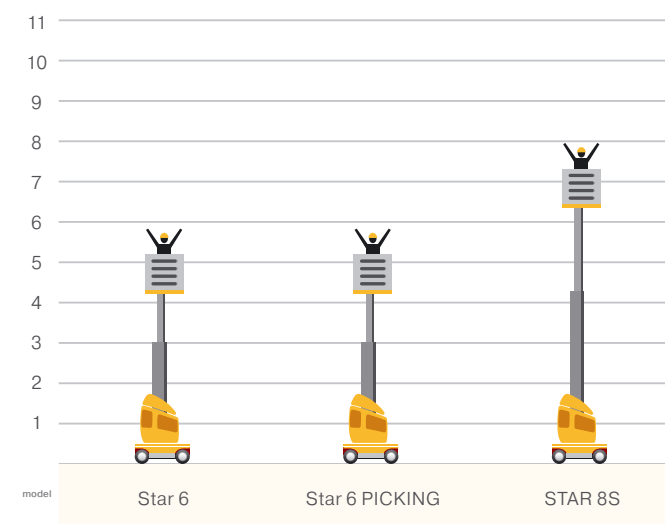
ELECTRIC

Vertical lifts

M o d e l	Star 6	Star 6 PICKING	STAR 8S
Working height (m)	5,8	5,8	7,95
Horizontal reach (m)	0,4 (опция)	-	0,4
Lift capacity (kg)	230	210	200
Length (m)	1,4	1,65	1,4
Width (m)	0,79	0,79	0,79
Stowed height (m)	1,75	1,75	1,98
Weight (kg)	835	890	1150
Power type	electric	electric	electric



Working height of Haulotte vertical lifts, electric drive.

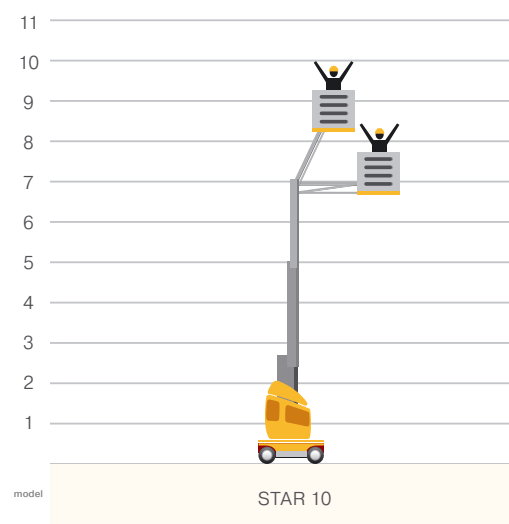


Vertical lifts with a jib

M o d e l	STAR 10
Working height (m)	10
Horizontal reach (m)	3
Lift capacity (kg)	200
Length (m)	2,7
Width (m)	1
Stowed height (m)	1,99
Weight (kg)	2677
Power type	electric



Working height of Haulotte vertical lifts with a jib, electric drive.



TRAILER-MOUNTED LIFTS

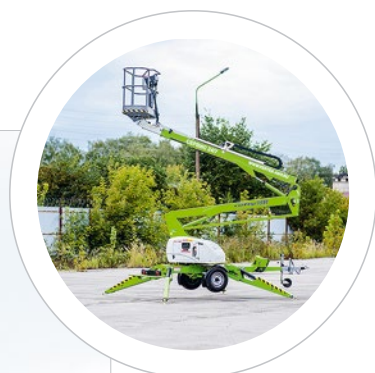


Working height
12.2 to 21 m

Lift capacity
200 to 225 kg

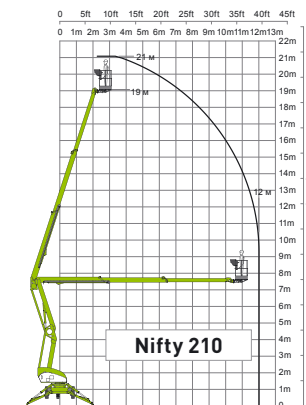


Trailer lifts are an all-purpose machinery. This equipment is suitable for outdoor work. With the retractable outriggers, the ground surface is less important. Machinery may be used on small slopes. In addition, trailer-mounted lifts are perfect for indoor work, their undoubted advantage is their low weight.



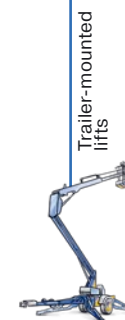
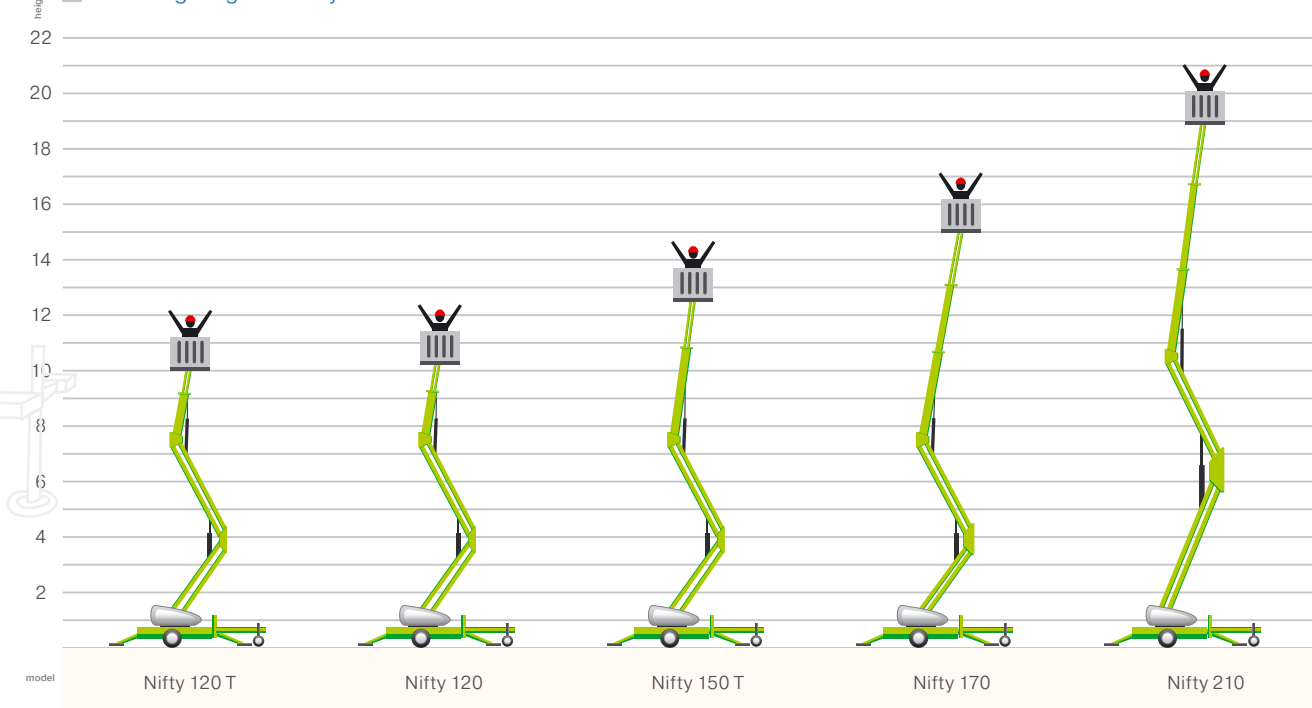
niftylift

M o d e l	Nifty 120 T	Nifty 120	Nifty 150 T	Nifty 170	Nifty 210
Working height (m)	12,2	12,33	14,7	17,1	21
Lift capacity (kg)	200	200	225	200	225
Horizontal reach (m)	6,1	5	7,55	8,7	12
Length (m)	4,5	5,75	5,55	6,2	6,95
Width (m)	1,5	1,5	1,6	1,65	1,8
Stowed height (m)	1,9	1,9	2	2,15	2,27
Weight (kg)	1400	1195	1775	2160	3495
Power type	Battery/Diesel/ Gasoline/ Bi-Energy	Battery/Diesel/ Gasoline/ Bi-Energy	Battery/Diesel/ Gasoline/ Bi-Energy	Battery/Diesel/ Gasoline/ Bi-Energy	Diesel/ Bi-Energy



PERFECT FOR MAINTENANCE
OF LIGHT POSTS AND POLES,
ADVERTISING BOARDS, REPAIR
WORK ON THE BUILDING
FACADES, ETC.

Working height of NiftyLift trailer-mounted lifts



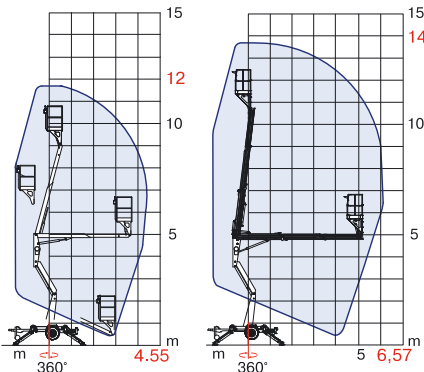


COMET X TRAILER is a new brand of innovative trailer-mounted lifts from Italy. The X-Trailer models stand out from the competitors for their stowed length. Lifts are available for order with a variety of power types, including gasoline, diesel, electric and hybrid drives.

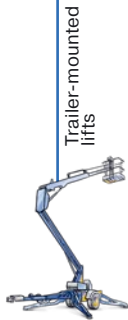
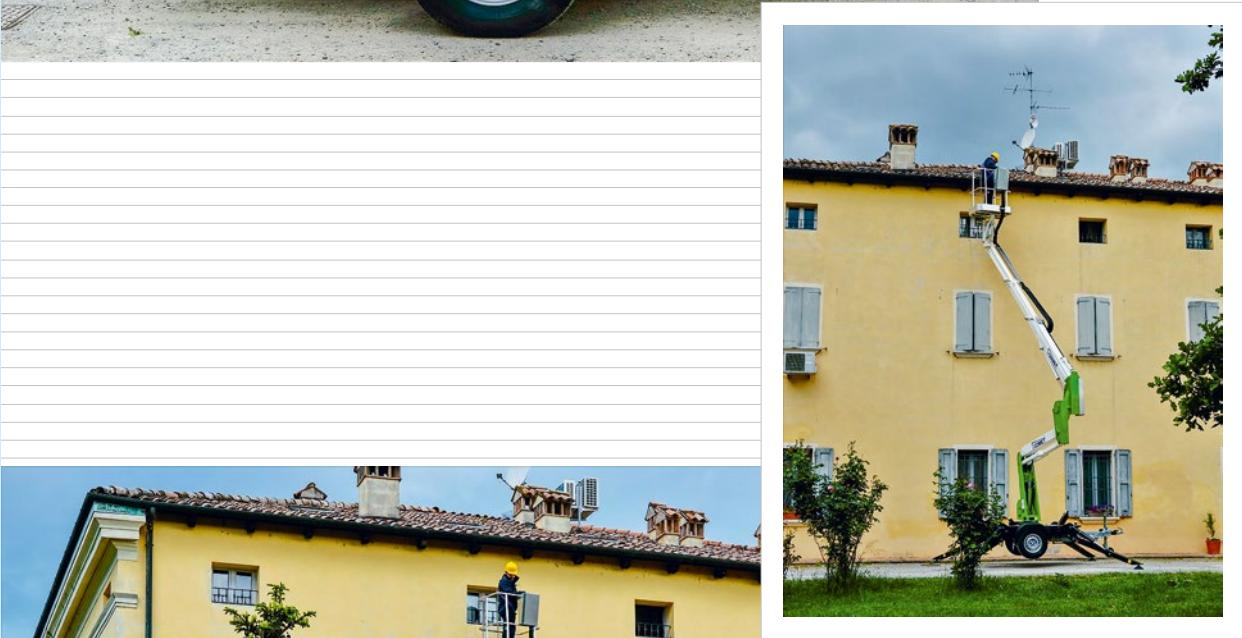


Trailer-mounted lifts

M o d e l	COMET X TRAILER 12	COMET X TRAILER 14
Working height (m)	12	14
Horizontal reach (m)	4,5	6,5
Lift capacity (kg)	200	200
Length (m)	3,36	3,5
Width (m)	1,8	1,8
Stowed height (m)	2,18	2,3
Weight (kg)	1400	1650
Power type	gasoline	gasoline



Working height of COMET X TRAILER trailer-mounted lifts

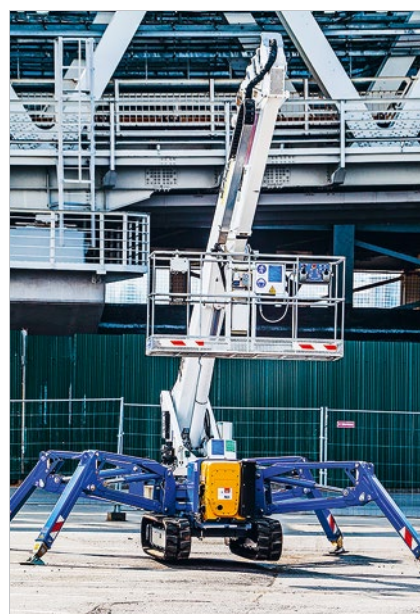
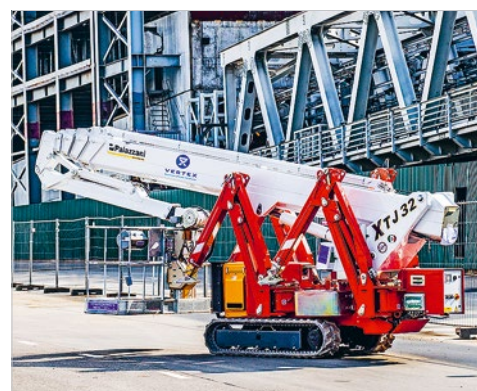


CRAWLER SPIDER LIFTS



Working height	Lift capacity
17 to 52 m	200 to 400 kg

Spider lifts can work almost anywhere, under impossible conditions for regular lifts and even on steep slopes such as ramps and stairs. With their compact dimensions, they pass through a standard doorway and work in confined space without noise and exhaust fumes. They are easy to use and safe.



ALL PALAZZANI MODELS ARE ROUGH TERRAIN LIFTS SUITED FOR OPERATION IN HARD-TO-REACH AREAS.



PALAZZANI lifts are equipped in the basic configuration with a diesel engine and 220/380 V electric motor that can be plugged into the mains, which makes them all-purpose machines. All the lifts are equipped with an overload sensor and emergency lowering system.



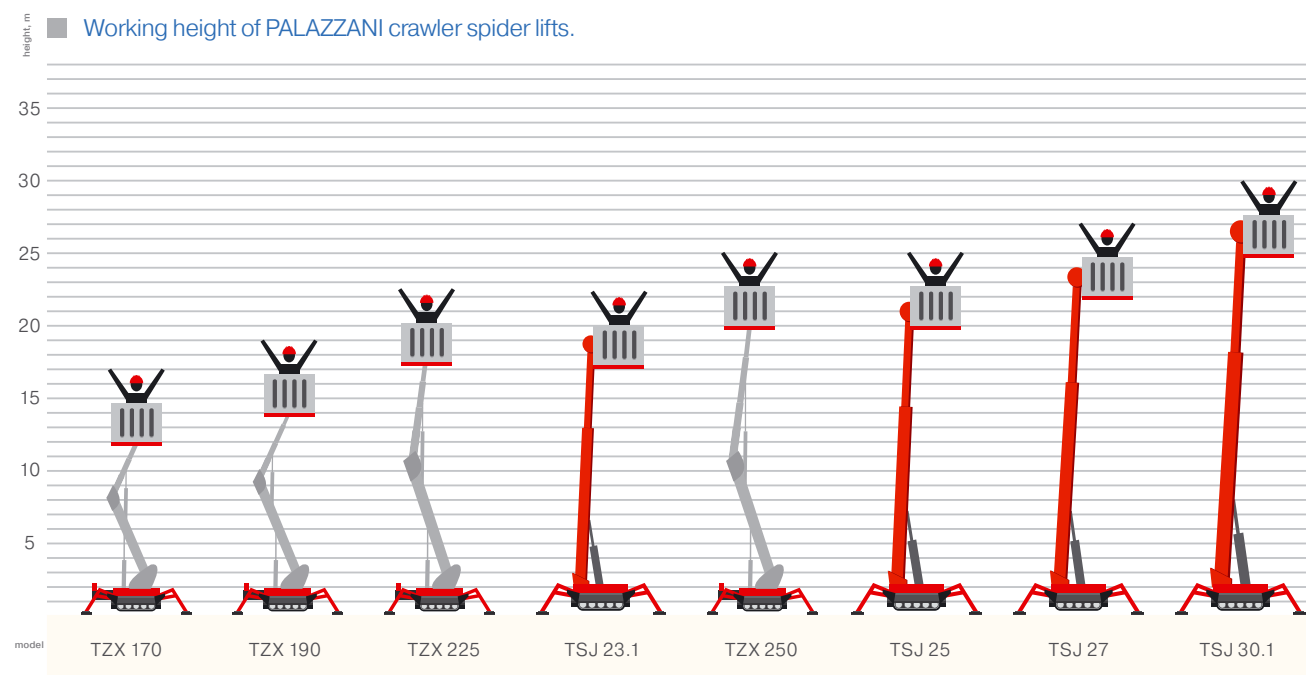
EASY TO USE AND RELIABLE CONTROL SYSTEMS



M o d e l	TZX 170	TZX 190	TZX 225	TSJ 23.1	TZX 250	TSJ 25	TSJ 27	TSJ 30.1
Working height (m)	17	19	22,5	22,3	25	25	27	30
Horizontal reach (m)	7,8	8,5	10	10,3	11,6	13	13,5	13
Lift capacity (kg)	200	200	200	250	200	250	230	230
Length (m)	4,4	5,1	4,7	5,8	5,1	6,5	6,1	6,6
Height (m)	1,9	2	1,9	1,9	1,9	1,9	1,9	1,9
Width (m)	0,98	0,99	0,98	1	0,98	0,98	0,98	0,98
Outrigger footprint (m)	2,9 x 3,2	3,4 x 3,5	3,3 x 3,7	4,3 x 4,9	3,4 x 3,5	4,9 x 4,8	5,0 x 4,5	5,0 x 4,5
Power type BI-ENERGY Diesel + AC mains	+	+	+	+	+	+	+	+
Power type ECO Battery + AC mains	option	option	option	option	option	option	option	option
Power type HYBRID Diesel + Battery	-	-	-	option	-	option	option	option
Weight (kg)	2000	2300	2500	3100	2600	3950	4580	4650

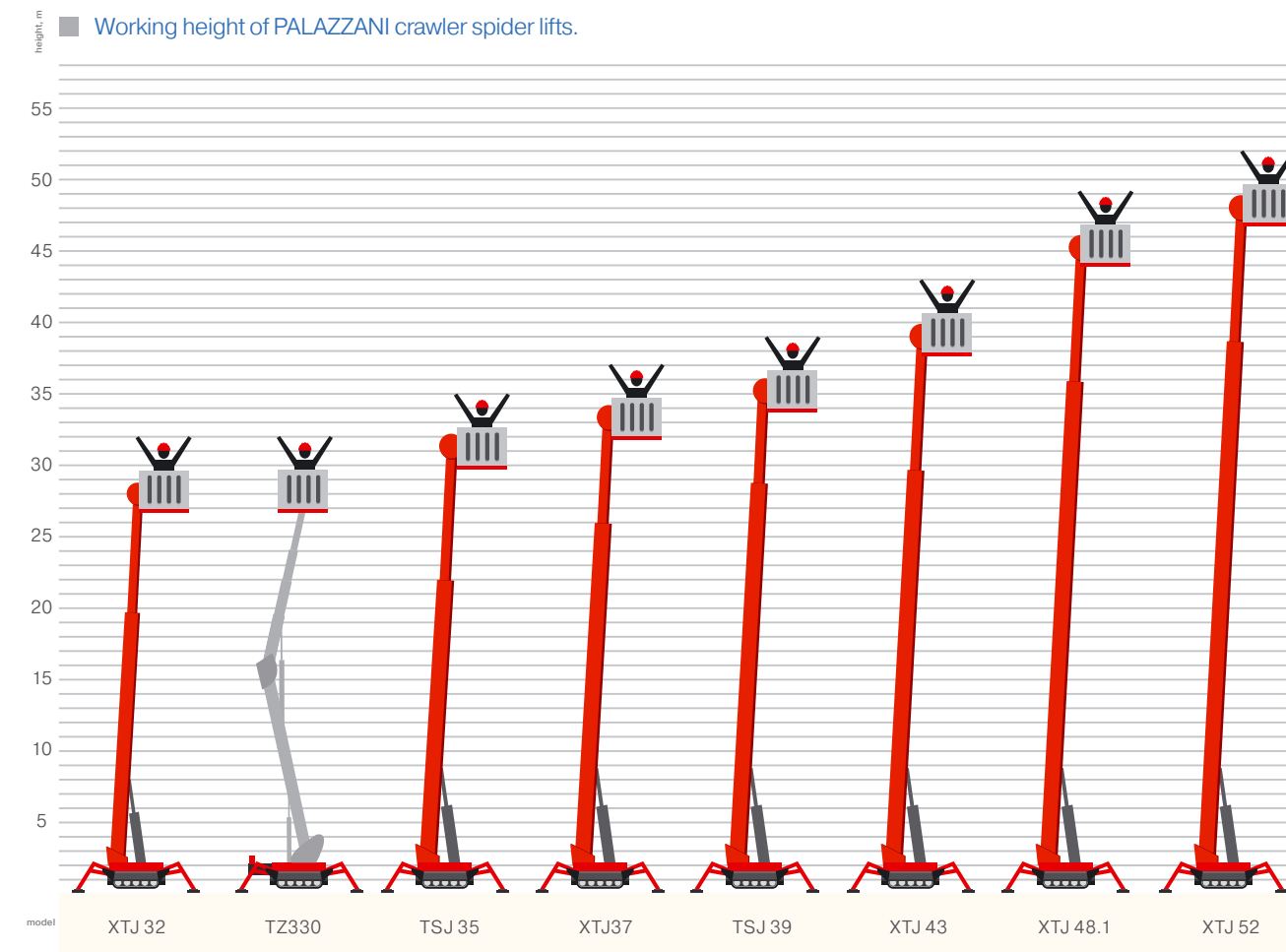


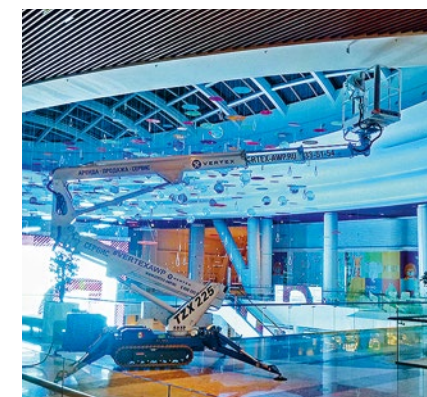
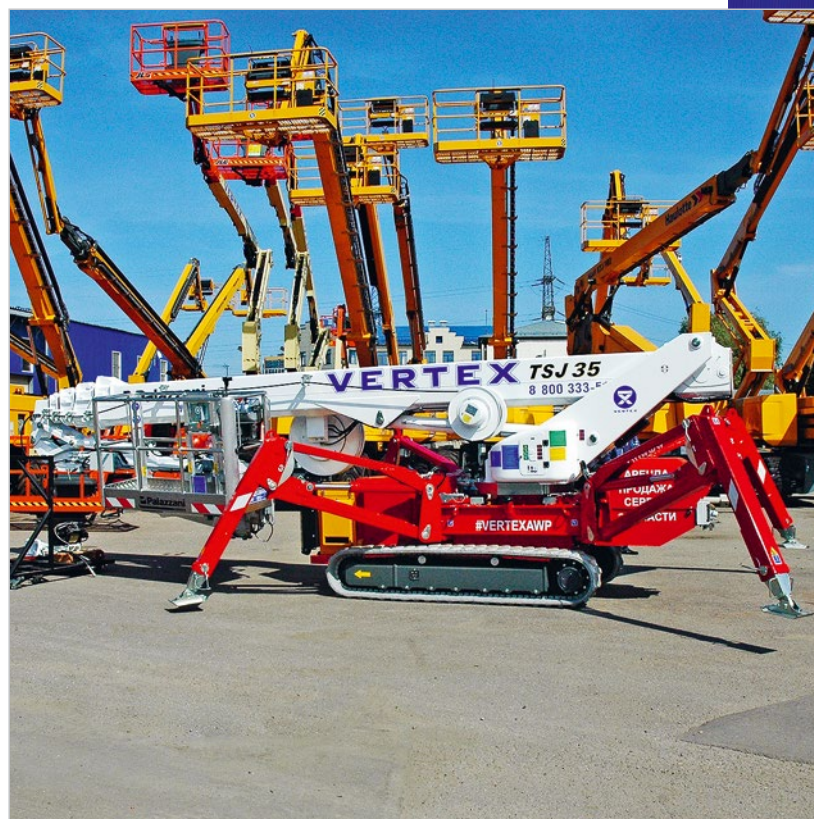
The tracks of elastic rubber make PALAZZANI lifts an all-purpose equipment for indoor use both in premises with delicate flooring and for heavy work in rough terrain.



M o d e l	XTJ 32	TZ330	TSJ 35	XTJ37	TSJ 39	XTJ 43	XTJ 48.1	XTJ 52
Working height (m)	32	32	35	37	39	43	49,2	52
Horizontal reach (m)	14,5	16,5	14,5	16,5	16,5	18	19,3	19,5
Lift capacity (kg)	330	250	230	330	230	330	330	400
Length (m)	6,9	6,9	7,6	7,8	7,7	8,5	8,8	8,8
Height (m)	1,9	2,1	2,3	2,0	2,4	2,2	2,5	2,5
Width (m)	1,1	1,1	1,5	1,2	1,5	1,3	1,4	1,4
Outrigger footprint (m)	5,1 x 4,7	4,7 x 4,9	5,0 x 4,2	5,2 x 4,9	5,0 x 4,5	5,7 x 5,3	6,2 x 5,0	6,2 x 5,0
Power type BI-ENERGY Diesel + AC mains	+	+	+	+	+	+	+	+
Power type ECO Battery + AC mains	option	option	option	option	option	option	option	option
Power type HYBRID Diesel + Battery	option	option	option	option	option	-	-	-
Weight (kg)	5940	6700	6600	7000	8200	10900	13650	14000

WITH A SPECIAL FEATURE OF WATER AND AIR SUPPLY, THE MACHINERY IS VERY POPULAR WITH CLEANING COMPANIES.

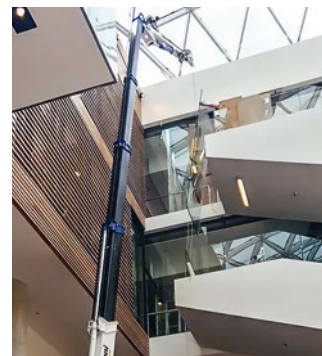






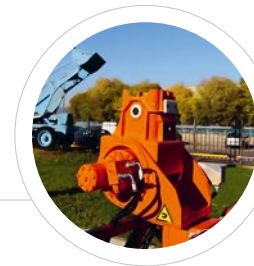
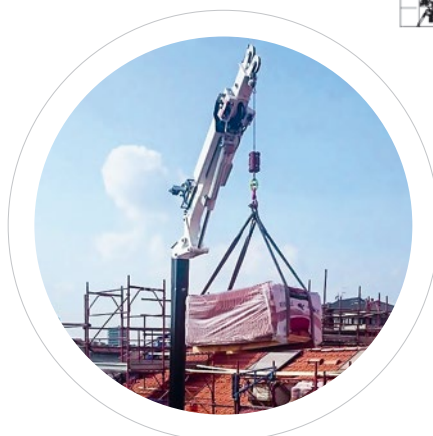
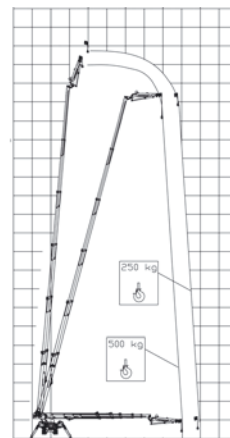
OPTIONAL ELECTRIC OR HYDRAULIC WINCH

The latest innovation of Palazzani Industrie S.P.A. is a suitability for installation of a crane winch to use spider lifts also as a compact mini-crane with a maximum hook lifting height of up to 49 m.



THE CRANE WINCH IS INSTALLED
INSTEAD OF THE WORKING BASKET, AND
THE WINCH ASSEMBLY/DISASSEMBLY
TAKES NO MORE THAN 10 MINUTES.

The maximum lift capacity is 500 kg over the entire operating range. And the operator does not need to make special settings for crane operation, the system is configured automatically.



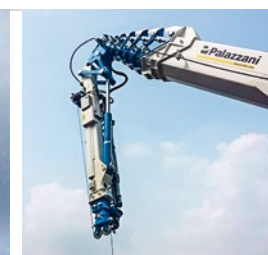
CRANE WINCHES AVAILABLE FOR ORDER:

- hydraulic with a maximum lift capacity of 500 kg for all TSJ and XTJ series models and 980 kg for XTJ 52 model;
- electric with a maximum lift capacity of 200 and 250 kg for TZX 225, TZ 330 and all TSJ and XTJ series models.

The length of the lift rope is determined taking into account the maximum boom reach.



SO, BY PURCHASING A PALAZZANI LIFT,
YOU CAN EXPAND ITS APPLICATION AND
INCREASE THE RETURN ON INVESTMENT
IN EQUIPMENT.



CRAWLER SPIDER LIFTS



Working height
12 to 50 m

Lift capacity
120 to 400 kg

„TECHNOLOGIES FOR PEOPLE“

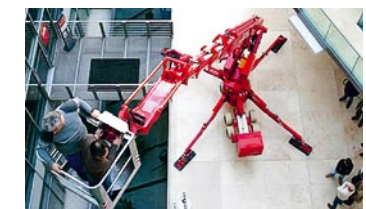
Reliable and easy to use compact Teupen platforms are great for working at height, both indoors and outdoors. The German quality of the machinery speaks for itself. Working at height safety is the priority for Teupen's engineering staff. The machine can be controlled directly from the basket and using the remote control. Special intercoms are included in the base version to maintain communication with the basket operator at any height.



TEUPEN
...access redefined



M o d e l	LEO12T	LEO 13GT	LEO 15GT	LEO 18GTplus
Working height (m)	12	12,75	14,7	18,3
Horizontal reach (m)	8,45	6,05	7,6	8,5
Lift capacity (kg)	120	200	200	200
Length without/with basket (m)	2,80 / 4,75	4,00 / 4,75	4,52 / 5,25	4,50 / 5,20
Height (m)	1,99	1,99	1,99	1,99
Width (m)	1,76	0,78	0,78	0,78
Outrigger footprint (m)	—	3,69 / 2,86	3,61 / 3,15	3,31 / 3,03
Power type Basic	24 V battery	220 V mains Gasoline	220 V mains Gasoline	220 V mains Gasoline
Power type Optional	220 V mains Gasoline Diesel	Alternator Gasoline Diesel	Diesel	Diesel Battery (Li-Ion)
Weight (kg)	2985	1400	1780	2450



WHEN THE WIND IS STRONG, THE MACHINE WILL GET TO THE MAXIMUM STABLE POSITION AND ACTIVATE AN EMERGENCY DESCENT OF THE OPERATOR.





LIGHT. SAFE. EFFICIENT. PERFECT AERIAL
WORK PLATFORMS FOR BUILDING
MAINTENANCE.

TEUPEN
...access redefined

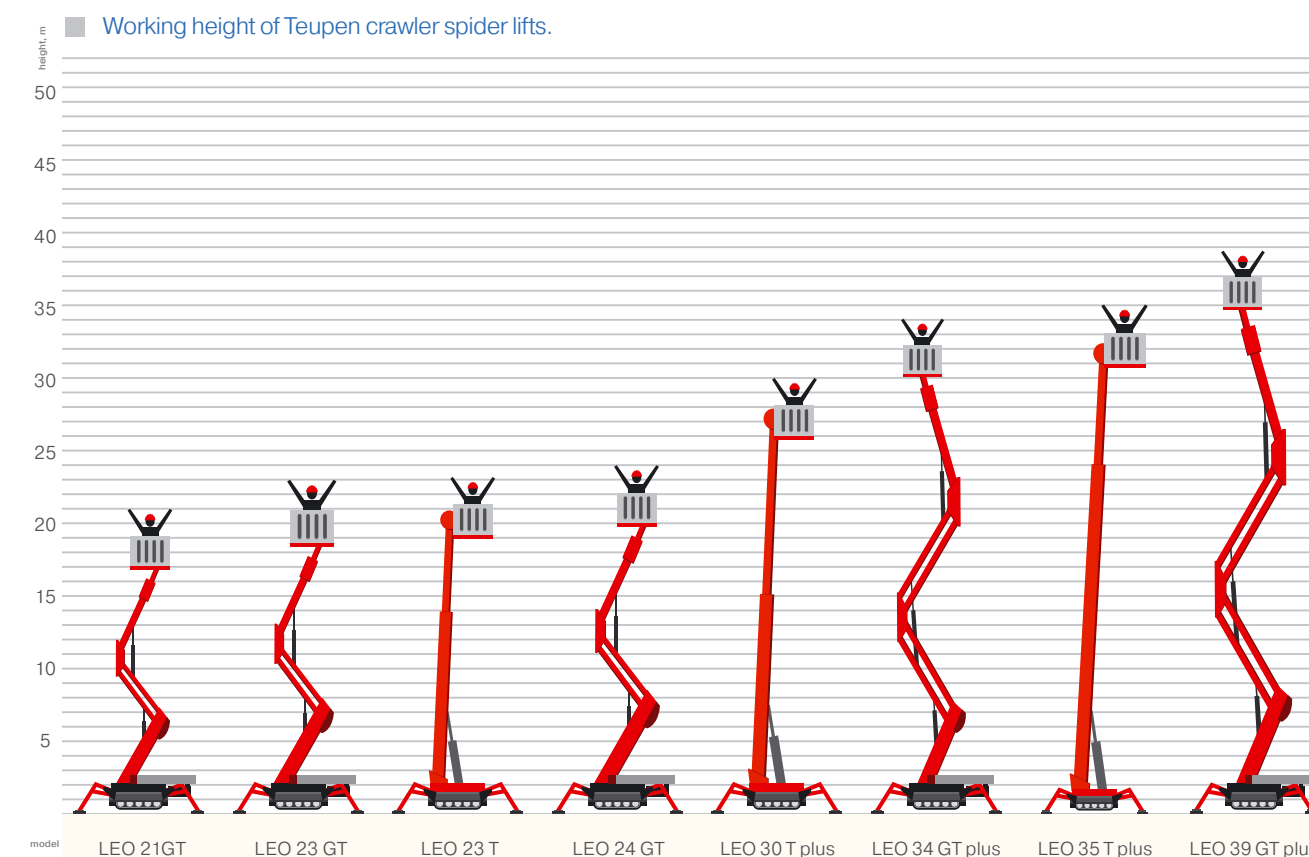


Model	LEO 21GT	LEO 23 GT	LEO 23 T	LEO 24 GT	LEO 30 T plus	LEO 34 GT plus	LEO 35 T plus	LEO 39 GT plus
Working height (m)	21	23	23,2	24	30	34	35	38,6
Horizontal reach (m)	12	11,2	15,6	12	17	20	17	23,3
Lift capacity (kg)	250	200	250	250	400	400	400	400
Length without/with basket (m)	5,00 / 6,40	6,2 / 6,2	6,2	5,05 / 6,40	7,50 / 7,70	6,90 / 8	7,80 / 8	7 / 7,85
Height (m)	1,99	1,97	1,99	1,99	1,98	1,99	1,99	1,99
Width (m)	0,98	0,98	0,99	0,99	1,58	1,59	1,58	1,59
Outrigger footprint (m)	4,70 / 4,70	4,53 / 4,33	4,70 / 4,70	4,70 / 4,70	5,51 / 5,60	5,31 / 5,20	5,51 / 5,60	5,31 / 5,20
Power type Basic	220 V mains Gasoline	220 V mains Diesel	220 V mains Diesel	220 V mains Gasoline	220 V mains Diesel	380 V mains Diesel	220 V mains Diesel	380 V mains Diesel
Power type Optional	Diesel Battery (Li-Ion)	Battery (Li-Ion)	—	Diesel Battery (Li-Ion)	Battery (Li-Ion)	—	Battery (Li-Ion)	—
Weight (kg)	3000	2990	3050	3300	4500	7800	5400	8750

CONVENIENT CONTROL UNIT



Working height of Teupen crawler spider lifts.



Crawler spider lifts





APPLICATIONS OF PUMA 42GTX:

- mining;
- complex unprepared construction sites;
- construction of civil, industrial and engineering structures in complex environment;
- forestry;
- wetlands, riverbanks, canal banks, mountains;
- poor infrastructure areas.

FEATURES OF PUMA 42GTX:

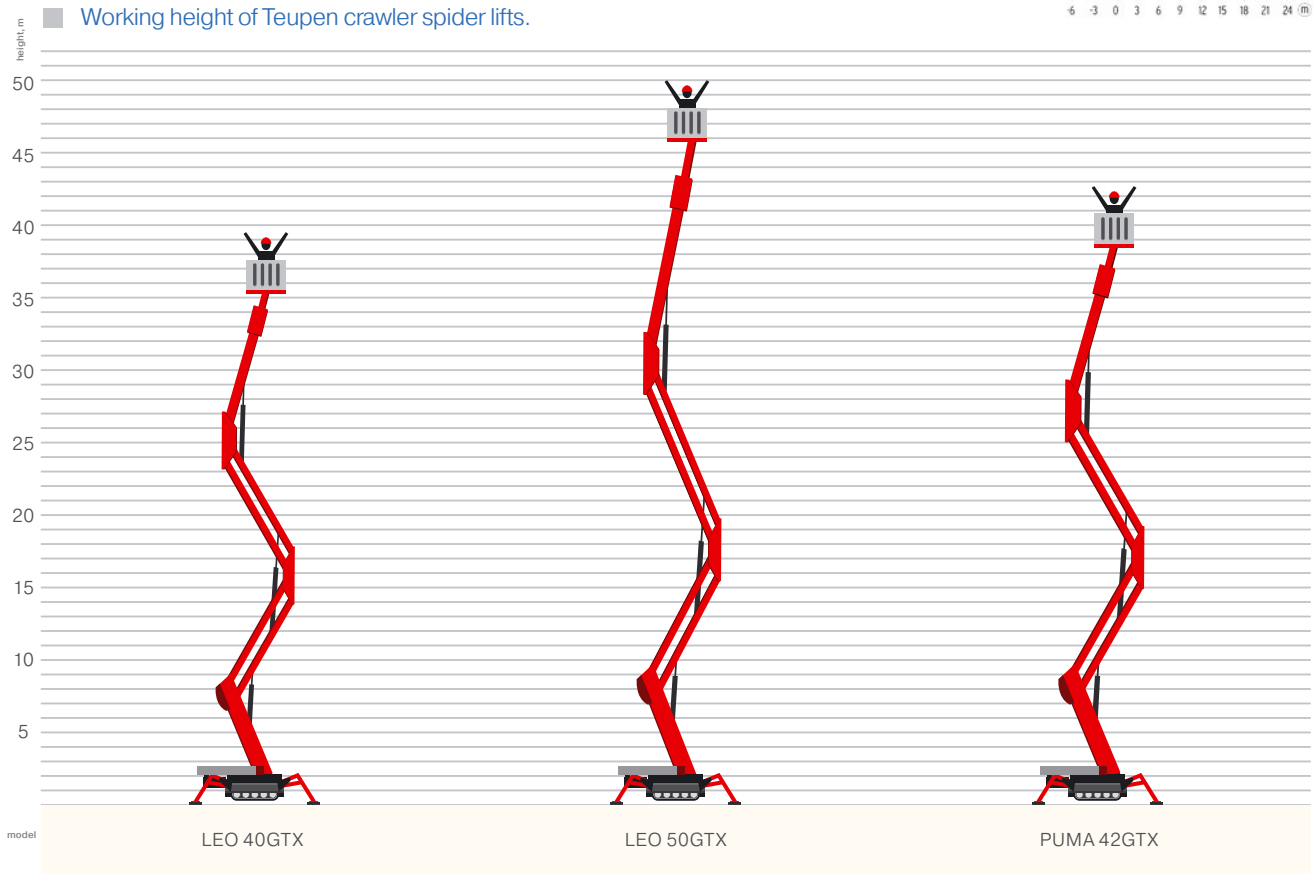
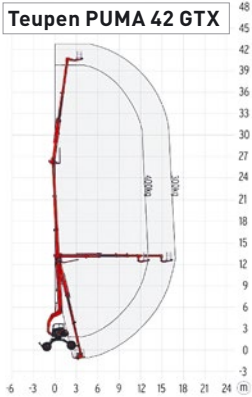
- high stability and maneuverability;
- gradeability up to 100% (45.0°);
- working slope up to 32.5% (18.0°);
- working height up to 42 m;
- platform lift capacity up to 400 kg;
- comfortable operator cabin with 360° view;
- chassis easily adapts to rough terrain;
- articulating boom.



M o d e l	LEO 40GTX	LEO 50GT	PUMA 42GTX
Working height (m)	39,5	50	42,7
Horizontal reach (m)	16,7	20	16,7
Lift capacity (kg)	400	200	400
Length without/with basket (m)	8,20 / 9,20	8,45 / 9,35	8,40 / 9,20
Height (m)	1,98	1,98	2,98
Width (m)	1,58	1,58	2,48
Outrigger footprint (m)	6,75 / 5,55	7,65 / 5,65	5,20 / 6,14
Power type Basic	400 V mains Diesel	400 V mains Diesel	Diesel
Power type Optional	—	—	—
Weight (kg)	11900	13500	17600



TEUPEN PUMA 42GTX
One-of-a-kind rough terrain lift PUMA42GTX is an articulating boom work platform mounted on the chassis of a high-tech walking excavator.

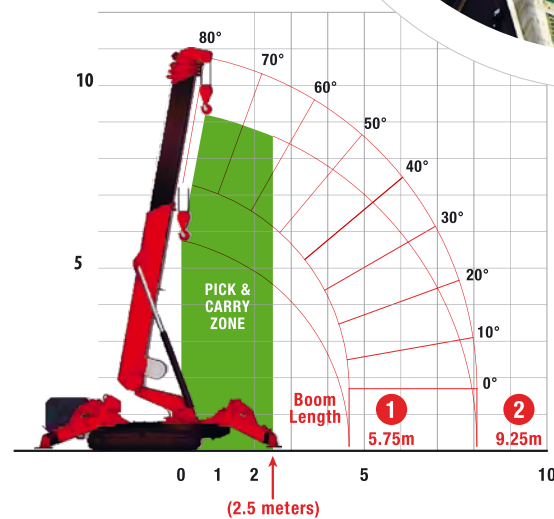


SPIDER CRANES



Hook lifting height	Lift capacity
4 to 22 m	580 to 10,140 kg

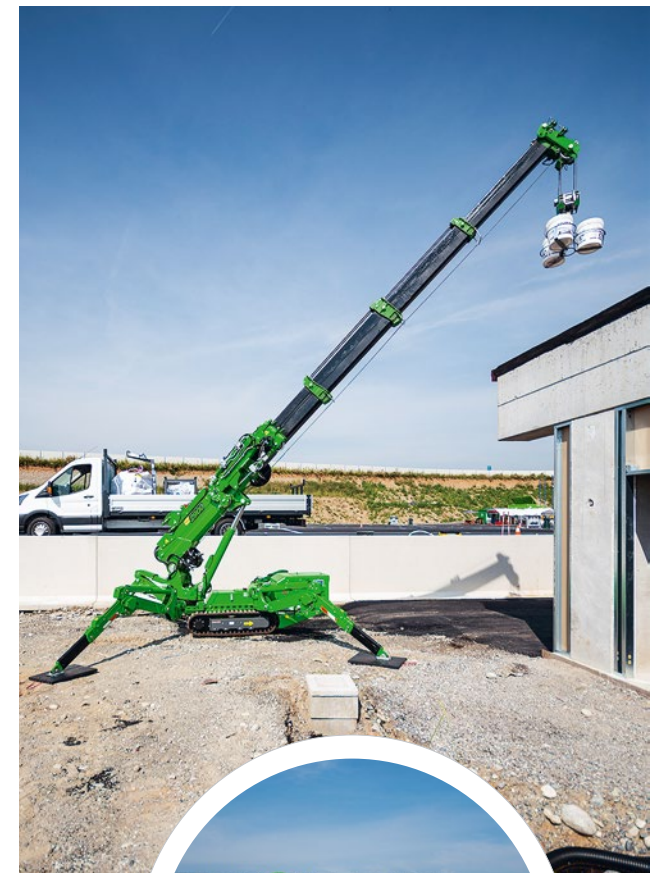
Perfect for both indoor and outdoor use, moving freely on soft ground and rough terrain. Suitable for work in narrow and hard-to-reach areas. Do not damage the flooring.



NEW PALAZZANI 2020!

The new mini crane Palcrane RPG 2900. With a width of only 0.73 m and a weight of 2,300 kg, the machine is perfect for work in the narrowest and hard-to-reach areas. Maneuverable and powerful, the mini crane with a lift capacity of over 2.9 tons, telescopic boom of 8.7 m and hook lifting height of 9.5 m is the best in its class! With the Bi-energy power type, the mini crane from Palazzani is suitable for both indoor and outdoor use, both on a flat surface and steep slopes.

A wide range of accessories makes the Palcrane ideal for many applications!

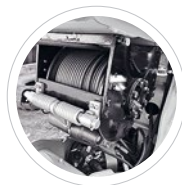


Palazzani
INDUSTRIE


M o d e l	RPG 2900
Hook lifting height (m)	9,5
Lift capacity (kg)	2900
Length (m)	3,01
Width (m)	0,73
Stowed height (m)	1,58
Weight (kg)	2300
Power type	Bi-energy (diesel + 220 V)



Autonomous battery-powered electric vacuum gripper with 400 kg lift capacity and 360° rotation



Hydraulic winch 800 kg



90° rotating magnet
500 kg lift capacity 500 kg



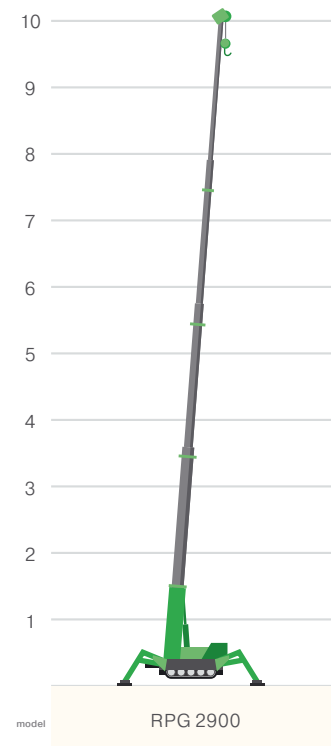
Hydraulic boom extension
(800 kg lift capacity)



Electronic lifting load reading system



Hook lifting height
of Palcrane RPG 2900


UNIC

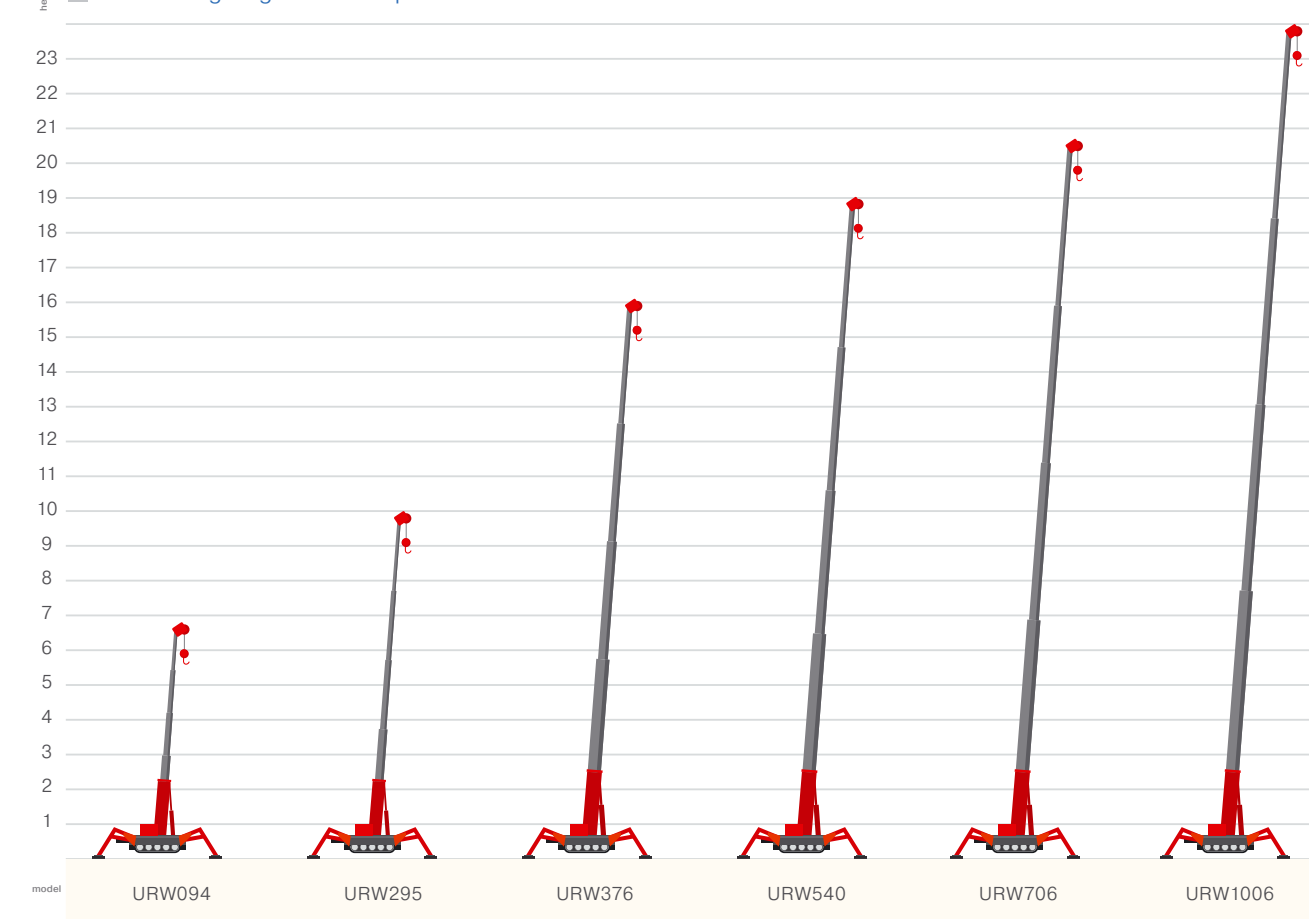
Furukawa company was founded in Japan in 1918. Furukawa's most recognizable products are special equipment manufactured under the UNIC trademark, which is known in more than 100 countries and is the market leader in lifting equipment in Japan.

VERTEX offers its customers Unic self-propelled spider cranes.

The most common application for Unic mini-cranes — work in confined space (arches, tunnels, reconstruction inside buildings), hard-to-reach areas (well yards, dense low-rise buildings), on the floors of buildings under construction.

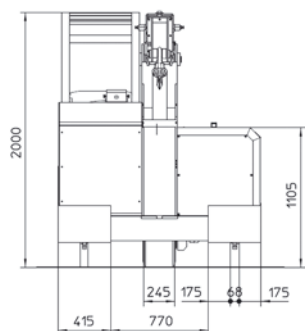
M o d e l	URW094	URW295	URW376	URW540	URW706	URW1006
Hook lifting height (m)	5,6	8,8	14,9	17,83	19,5	22,8
Lift capacity (kg)	995	2 930	3030	4050	6050	10140
Length (m)	1,87	2,69	4,34	4,95	5,61	6,06
Width (m)	0,59	0,6	1,3	1,38	1,67	2
Stowed height (m)	1,29	1,37	1,8	2,03	2,18	2,46
Weight (kg)	1000	1850	3850-4010	4920-5170	7980-8130	13820-14000
Power type	Gasoline	Gasoline	Diesel	Diesel	Diesel	Diesel
		Gasoline + electric				
		Diesel	Diesel + electric	Diesel + electric	Diesel + electric	Diesel + electric
		Diesel + electric				

Hook lifting height of UNIC spider cranes.



Spider cranes

INDUSTRIAL CRANES

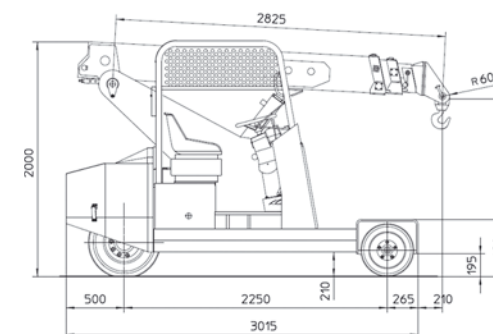


Hook lifting height	Lift capacity
5 to 15 m	2,250 to 90,000 kg

Perfect for use in factories and industrial premises. With their compact dimensions, industrial cranes are suitable for operation in limited workshop spaces while having a lift capacity of up to 90 tons.



MANITEX
VALLA

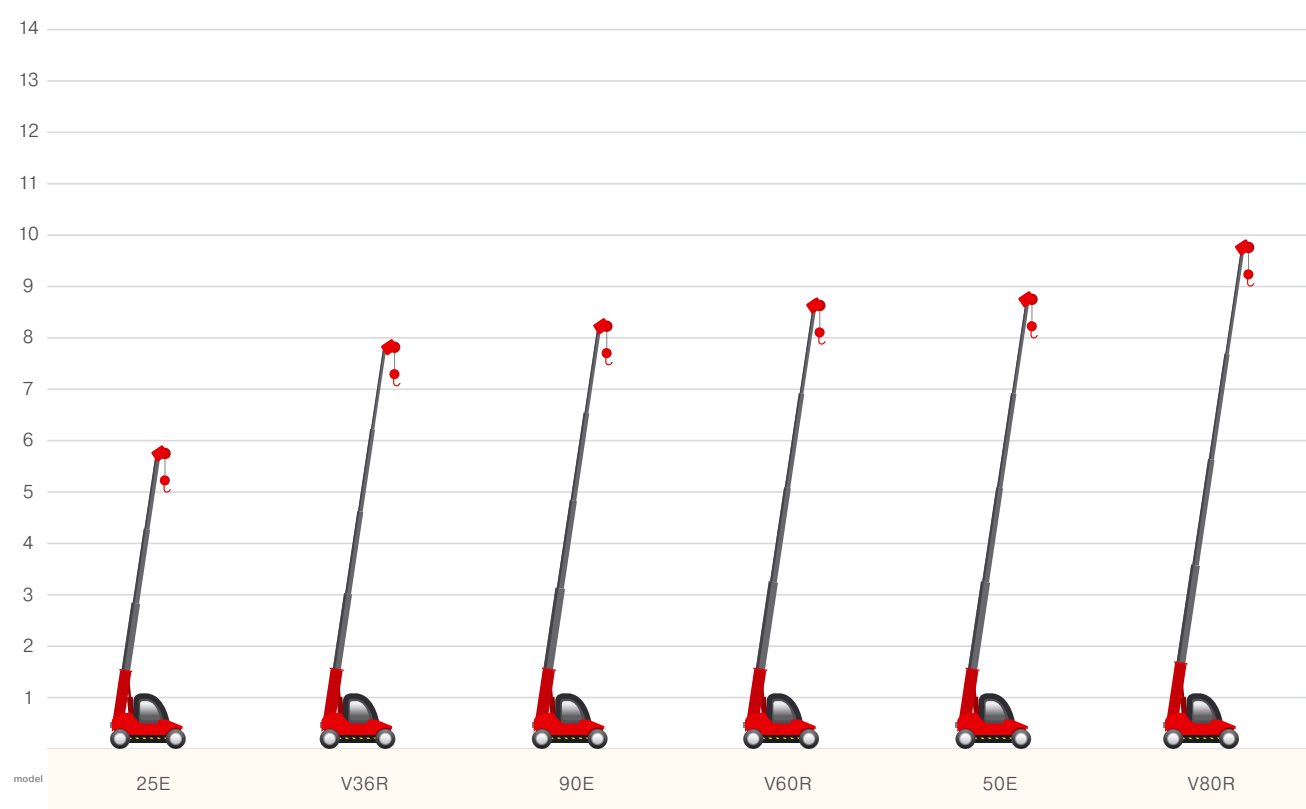


Valla V36R is a new generation electric mini crane controlled by a wireless remote control. This allows the operator to choose where to stand in order to control all the operations increasing both safety and productivity.





■ Hook lifting height of Valla industrial crane, electric drive.

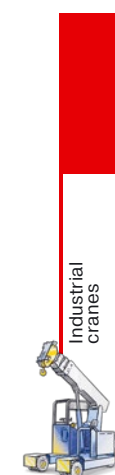
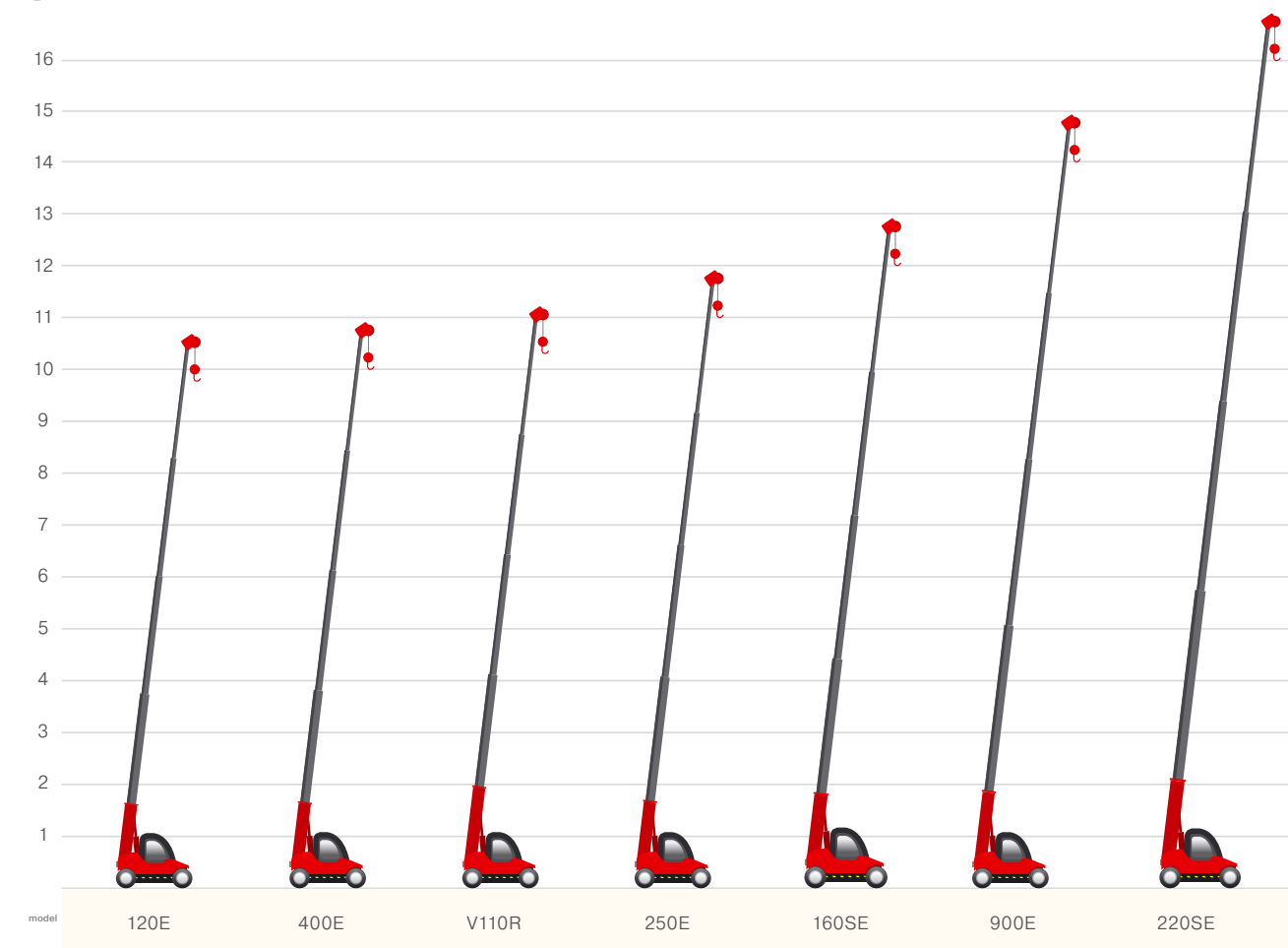


ELECTRIC

M o d e l	25E	V36R	90E	V60R	50E	V80R
Hook lifting height (m)	5	7,1	7,5	7,9	8	9
Lift capacity (kg)	2500	3600	9000	6000	5000	8000
Length (m)	2,26	2,465	3,42	2,75	3,015	3,19
Width (m)	0,95	0,9	1,73	1,18	1,6	1,4
Stowed height (m)	1,8	1,560	2,35	1,74	2	1,89
Weight (kg)	2200	3800	9000	5400	5500	8400
Power type	electric	electric	electric	electric	electric.	electric

M o d e l	120E	400E	V110R	250E	160SE	900E	220SE
Hook lifting height (m)	9,8	10	10,4	11	12	14	16
Lift capacity (kg)	12000	40000	11000	25000	16000	90000	22000
Length (m)	3,97	5,18	4,18	5,2	6,37	7,95	7,26
Width (m)	2,1	2,35	1,49	2,29	2,68	2,5	2,45
Stowed height (m)	2,42	2,53	1,94	2,43	2,84	2,65	2,99
Weight (kg)	14000	30000	11600	25000	16000	48000	21800
Power type	electric	electric	electric	electric	electric	electric	electric

■ Hook lifting height of Valla industrial crane, electric drive.



VERTEX EQUIPMENT IN OPERATION

Lifting equipment from VERTEX is used at all major, strategic construction sites.

The company offers its clients not just a purchase or rental of lifting machinery, but a comprehensive solution for managing all the tasks relating to work at height.

It includes:

- ✓ Self-propelled lifts;
- ✓ 24/7 service support at all facilities where the machinery is used;
- ✓ Spare part depot;
- ✓ Customization of lifting machinery for the client tasks;
- ✓ Personnel training with respect to working on self-propelled lifts.



SERVICE “QUICKLY AND EFFICIENTLY” BY VERTEX

How to arrange the uninterrupted and trouble-free operation of your existing machinery and significantly increase the efficiency of work carried out using it?

Running, functional and safe machinery is a way to success.

Want to improve the operating efficiency of your equipment, but frequent breakdowns and unforeseen failures interfere with your plans? Do you want to work on reliable, safe and fully functional equipment? Do you want to receive high-quality spare parts in a very short time?

WE ARE READY TO ASSIST YOU.

CUSTOMIZATION OF LIFTING MACHINERY

Technicians of the “Quickly and Efficiently” service department will offer you to customize the standard configuration lift.

WE OFFER:



- Winterization package for the internal combustion engine and hydraulic system (for low-temperature operation).
- Temperature relay with an hour meter capable to block operation when a temperature is out of range.
- Air-flow meter.
- Intercom (fixed).
- Work area lights.
- Painting of equipment into the corporate colors of the customer company.
- And many other options according to your desire.



WE DEVELOPED
AND CERTIFIED THE COLLISION
AVOIDANCE SYSTEM.



VERTEX SERVICE IS:

- 24/7 support.
- Comprehensive maintenance and repair under the Outsource program.
- Equipment commissioning, setup.
- Manufacture of high pressure hydraulic hoses.
- ICE repair.
- Timely expert opinion on equipment operation and maintenance.
- Spare part depot.
- Supply of original spare parts and consumables in a very short time.
- Manufacturer warranty.



FAST AND EFFICIENT SERVICE STANDARDS FROM VERTEX ARE YOUR ADVANTAGE. VERTEX TECHNICAL PERSONNEL HAS BEEN TRAINED ACCORDING TO MANUFACTURERS' PROGRAMS, CERTIFIED IN ACCORDANCE WITH ROSTEKHNADZOR REQUIREMENTS AND HAS VAST EXPERIENCE IN OPERATION AND REPAIR OF MACHINERY.

SPARE PARTS

Spare parts for lifts from VERTEX are always reliable and high-quality components approved by official manufacturers of lifting machinery. Providing our customers with spare parts is one of the company priorities.



For all kinds of lifting equipment of international manufacturers:

**TEREX/
GENIE**
**UPRIGHT/
SNORKEL**
PLATFORM
BASKET
NIFTYLIFT

HAULOTTE
H.A.B
JLG
MEC
PB
ITECO
DINOLIFT

FARESIN
MERLO
DIECI
MANITOU
PALAZZANI
TEUPEN
HINOVA

VALLA
JMG
UNIC
DEUTZ
AIRMAN
LGMG
ZOOMLION

SINOBOOM
DINGLI
CAT
HITACHI
BOOMAG
KOMATSU



ACCESSORIES



ICE



FASTENERS



LIFTING
GEARS



FINISHES



ELECTRONICS



TRACTION
BATTERIES



WHEELS.
TRACKS



HYDRAULIC
SYSTEM



FILTERS

DELIVERY

- Express delivery to Persian Gulf countries.
- Guaranteed supply term.
- Customized logistics solutions.

WARRANTY

- All work performed and spare parts supplied come with a long-term warranty.

PAYMENT TERMS

- Flexible payment system.
- Mutually beneficial cooperation.

QUALITY OF GOODS AND SERVICES:

- Original spare parts.
- Highly qualified personnel.
- State-of-the-art equipment for diagnostics and repair.

We invite you to cooperate with us!



