



Powered Access Line

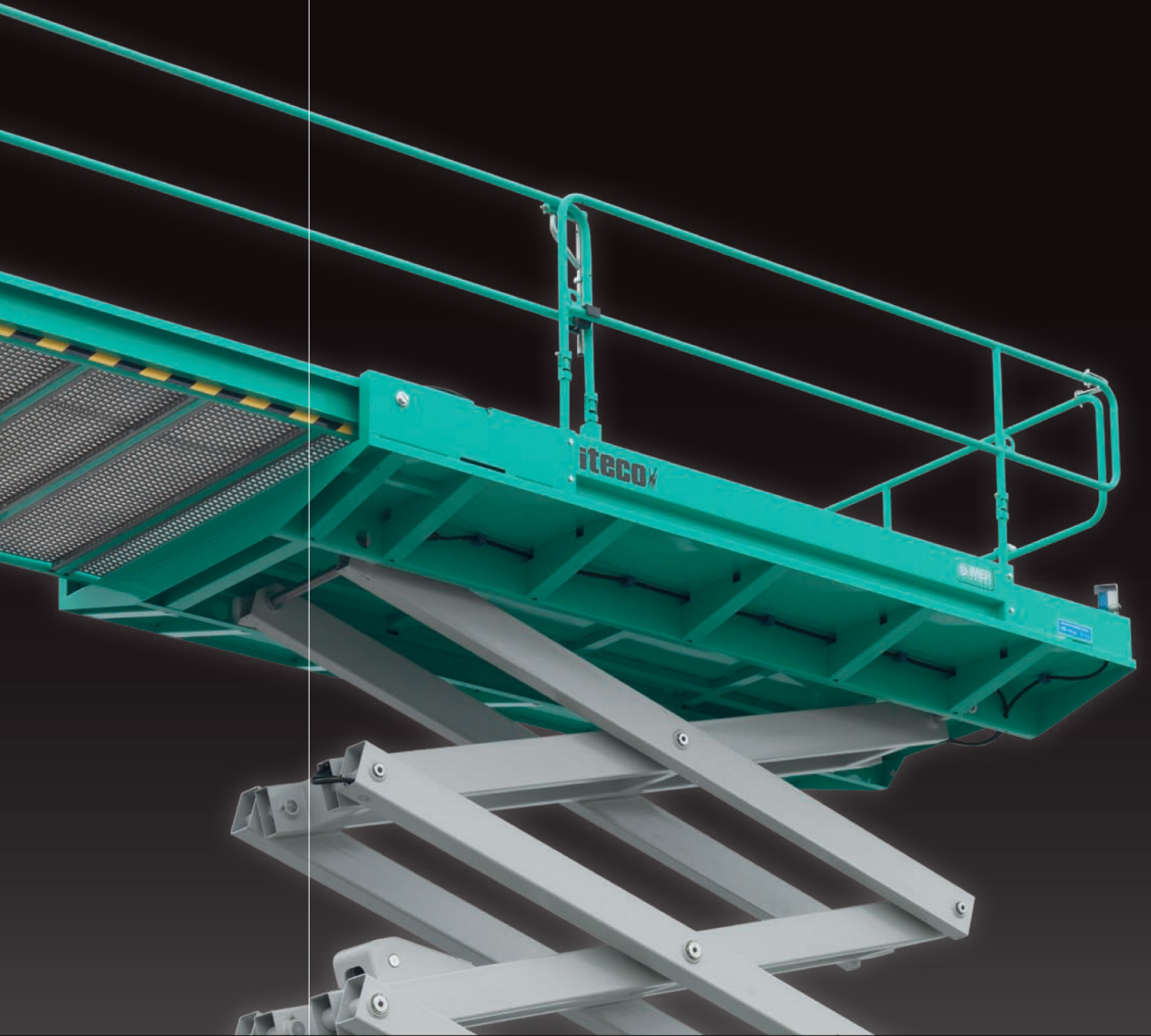


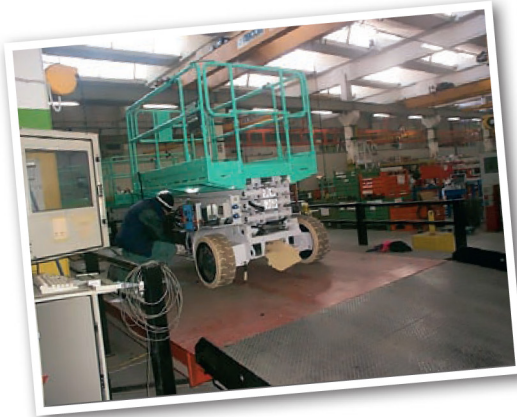
Table of contents

Company Profile	1
Series IT80M-MC	2
Series IT80	4
Series IT90	6
Series IT122	8
Series IT151	10
Series IT180	12
Series IT230	14
Series IT210	16
Full Range	18
Useful Addresses	20





The Iteco factory is located in Pegognaga (Mantua) and comprises 15,000 square metres, of which, 4,700 metres is covered and dedicated to Production, Research & Development and After Sales Service, inclusive of global spare parts distribution. This facility is fully dedicated to the production of the full range of Iteco Powered Access products, which includes a comprehensive range of Scissor Lifts and Articulated Self Propelled Booms/Aerial Platforms.



This new Division of IMER Group, now known as the “Iteco Powered Access Division” was created in 2009, through the acquisition of the Iteco Company, this has allowed the Imer Group to further expand its product range, into the world of quality Powered Access Aerial Platforms. This self propelled aerial access platform range, offers various unique solutions to customers, in the ever evolving and changing world of Construction, Maintenance, Warehousing and Logistics. The product mix covers a comprehensive range of indoor electric machines, as well as diesel versions, that are used for both internal and external applications; the range also includes Bi-energy machines, for use in a host of other applications.

The evolving product range is focussed on providing eco friendly solutions to various end users, in our quest to reduce environmental damage and our dependence on fossil fuels.

This range of products has been carefully designed, as a direct result of years of experience and specific research in numerous sectors of industry and it thus meets stringent needs of clients, in the most selective of European and Worldwide markets.

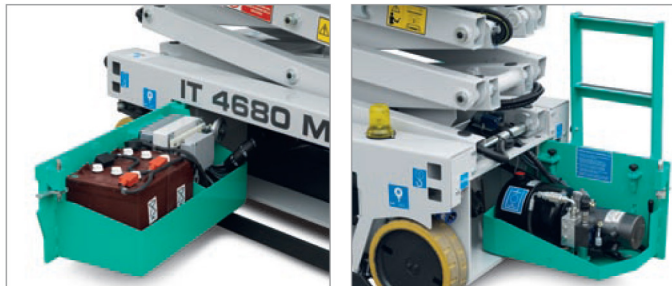
Iteco Powered Access machines are renowned for being of the highest quality and specification, they are robust, strong and operator friendly, it is our attention to detail and our flexibility, that allows us to offer the customer a range of well designed Powered Access Products, that are firmly based on an ethos of “Quality and Reliability”.

Standard equipment

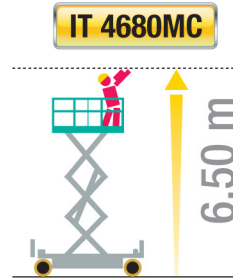
- Electric front wheel drive motors
- Negative electromagnetic parking brakes with electric disengagement
- 90° electric steering
- Lateral deck extension 0.36 m
- Manual emergency lowering device
- Cylinder holding valve
- Traction batteries 24V-195Ah C5
- Battery charger with automatic switch-off
- Audible motion alarm, horn, hour meter
- Inclinometer with cut out and alarms
- Mechanical wheel drive release for emergency hauling
- Cushioned non-marking tyres
- Electrical scissor protections
- Pothole protection
- Battery control system with low-voltage cut-out protection
- Overload sensor
- CE - EN 280 marking
- 220-V cable with plug, socket and safety cut-out
- Flashing beacon
- Proportional controls with diagnostics

Benefits

- ✓ Electric drive motors: less consumption, longer cycle times
- ✓ Electric steering, unique on the market: reduced environmental impact (No oil required)
- ✓ Parts inter-changability
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height with lateral deck retracted
- ✓ Excellent speed and gradeability
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design
- ✓ Rigid chassis and scissor pack
- ✓ The lateral deck extension allows for the loading of bulky loads
- ✓ On the IT 4680 MC the 2-door gate makes it easier to load and unload bulky materials



All the component parts are easily accessible for servicing.

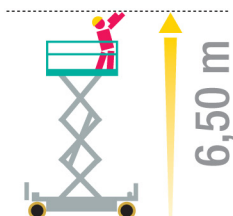


ARNES

Mekanik Makina San. Ve Tic. Ltd. Şti.

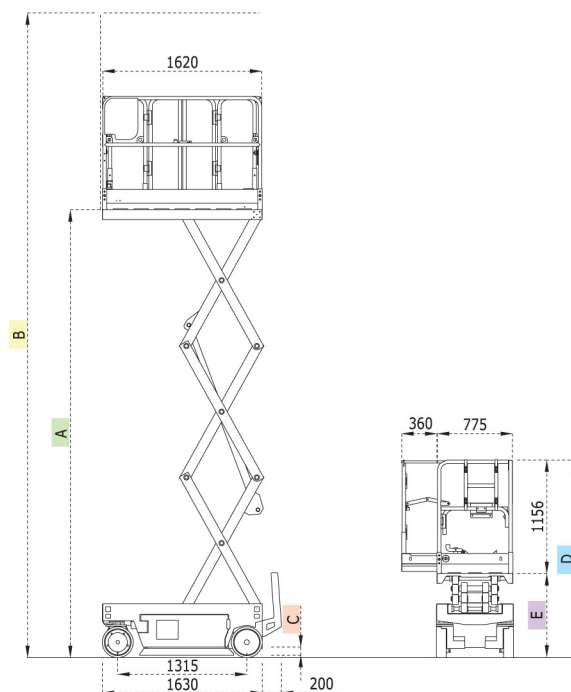


IT 4680M



IT 4680 M - IT 4680 MC

Number of scissors		3
A	mm	4500
B	mm	6500
C (Pot-hole raised/lowered)	mm	88 / 21
D	mm	2014
E	mm	858
Capacity (including 2 people)	kg	250
Electric drive motors	V/kW	24/2,4
Lifting power pack – hydraulic type	V/kW	24/2,1
Traction battery	V/Ah	24/195 c5
Battery weight	kg	4x30
Battery charger	V/A	24/30
Oil tank capacity	l	7
Traction speed	km/h	0 ÷ 4
Safety traction speed	km/h	0,7
Gradeability	%	25
Internal steering radius	m	0
External steering radius	m	1,65
Tyre dimensions	mm	315x100
Tyre type		cushion
Max side/longitudinal tilt angle	degrees	1,5/3
Total weight	kg	1500

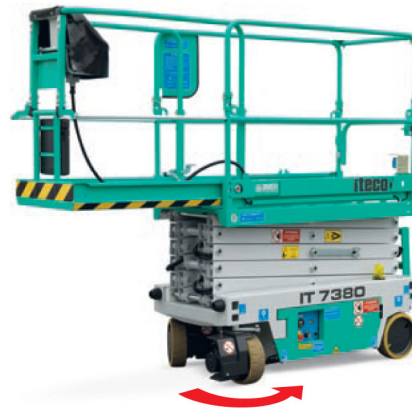


Standard equipment

- Electric front wheel drive motors
- Negative electromagnetic parking brakes with electric disengagement
- 90° electric steering
- Manual deck extension 1.0 m
- Manual emergency lowering device
- Cylinder holding valve
- Traction batteries 24V-195Ah C5
- Audible motion alarm, horn, hour meter
- Inclinometer with motion cut out and alarms
- Mechanical wheel drive release for emergency hauling
- Cushioned non-marking tyres
- Electrical scissor protection
- Pothole protection
- Battery control system with low-voltage cut-out protection
- Fold down railings
- Overload sensor
- CE - EN 280 marking
- 220-V cable with plug, socket and safety cut-out
- Flashing beacon
- Proportional controls with diagnostics

Benefits

- ✓ Electric drive motors: less consumption, longer cycle times
- ✓ Electric steering unique on the market: reduced environmental impact
- ✓ Parts inter-changeability
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ The 7380 is the only 7-metre unit in this category with no operating restrictions
- ✓ Drivable at full height
- ✓ Excellent speed and gradeability
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design
- ✓ Rigid chassis and scissor pack
- ✓ The 4680 has less than 2 m. stowed height with guard rails in position

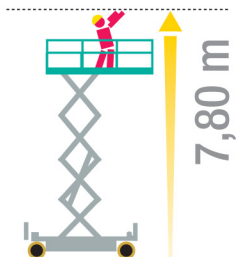


ARNES

Mekanik Makina San. Ve Tic. Ltd. Şti.



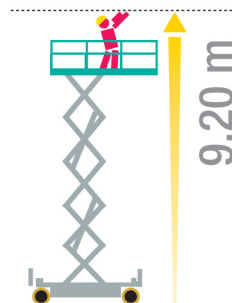
IT 5980



7,80 m

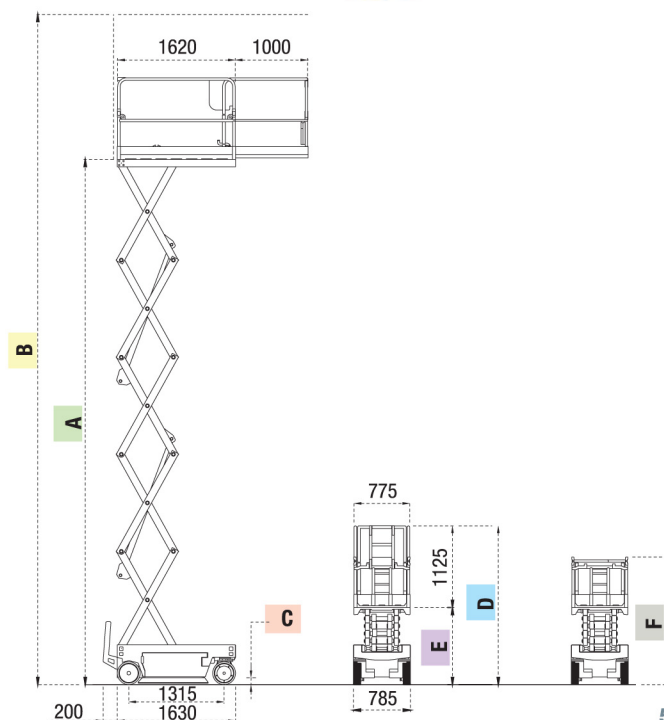


IT 7380



9,20 m

		IT 4680	IT 5980	IT 7380
Number of scissors		3	4	5
A	mm	4500	5800	7200
B	mm	6500	7800	9200
C (Pot-hole raised/lowered)	mm		88 / 21	
D	mm	1983	2087	2190
E	mm	858	961	1065
F	mm	1553	1657	1760
Capacity (including 2 people)	kg	270	230	200
Electric drive motors	V/kW		24 / 2,4	
Lifting power pack – hydraulic type	V/kW		24 / 2,1	
Traction battery	V/Ah		24/195 c5	
Battery weight	kg		4x30	
Battery charger	V/A		24 / 30	
Oil tank capacity	l		7	
Traction speed	km/h		0 ÷ 4	
Safety traction speed	km/h		0,6	
Gradeability	%		25	
Internal steering radius	m		0	
External steering radius	m		1,65	
Tyre dimensions	mm		315x100	
Tyre type			cushion	
Max side/longitudinal tilt angle	degrees	2 / 3	2 / 3	1,5 / 3
Total weight	kg	1265	1530	1780

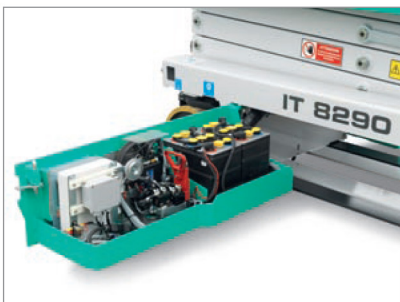
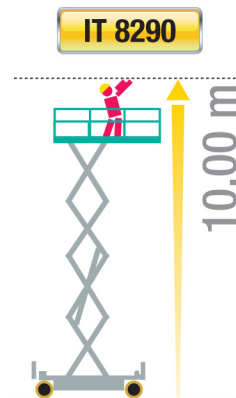


Standard equipment

- Electric front wheel drive motors
- Negative electromagnetic parking brakes with electric disengagement
- 90° steering
- Manual deck extension 1.4 m
- Manual emergency lowering device
- Cylinder holding valve
- Heavy duty traction batteries 24V – 250Ah / 300Ah (C5)
- Audible motion alarm, horn, hour meter
- Inclinator with motion cut out and alarms
- Mechanical wheel drive release for emergency hauling
- Cushioned non-marking tyres
- Electrical scissor protections
- Pothole protection
- Battery control system with low-voltage cut-out protection
- Fold down railings
- Overload sensor
- CE - EN 280 marking
- 220-V cable with plug, socket and safety cut-out
- Flashing beacon
- Proportional controls with diagnostics

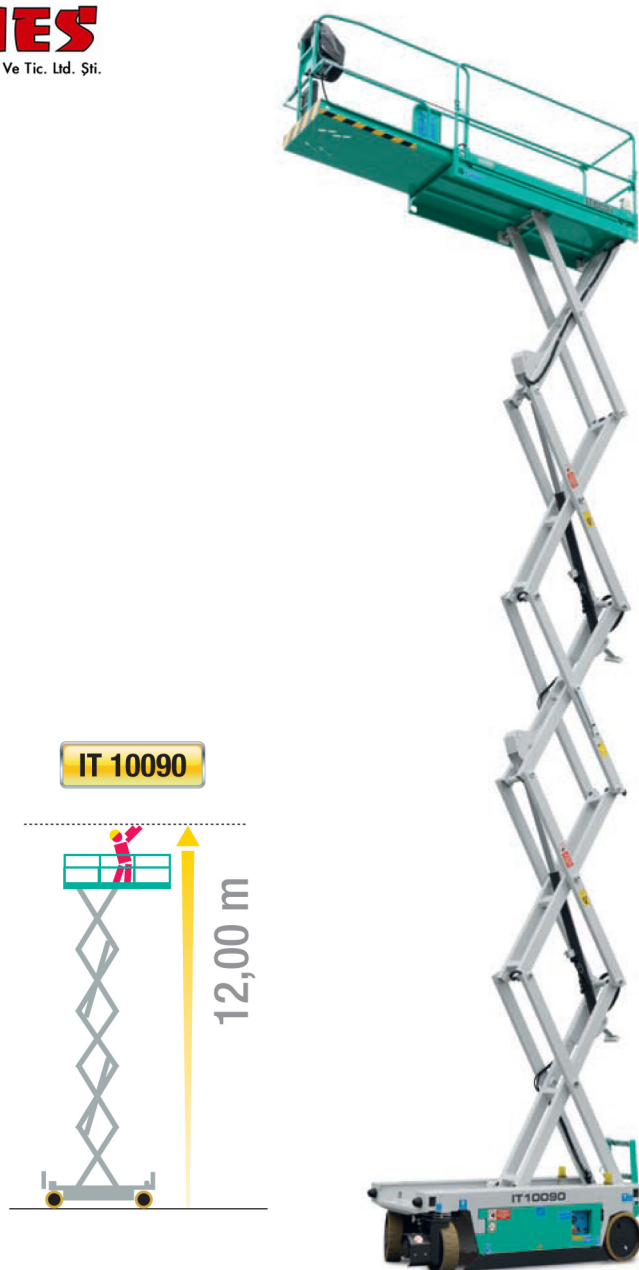
Benefits

- ✓ Electric drive motors: less consumption, longer cycle times
- ✓ Parts inter-changability
- ✓ All the component are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height
- ✓ Excellent speed and gradeability
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design
- ✓ Rigid chassis and scissor pack

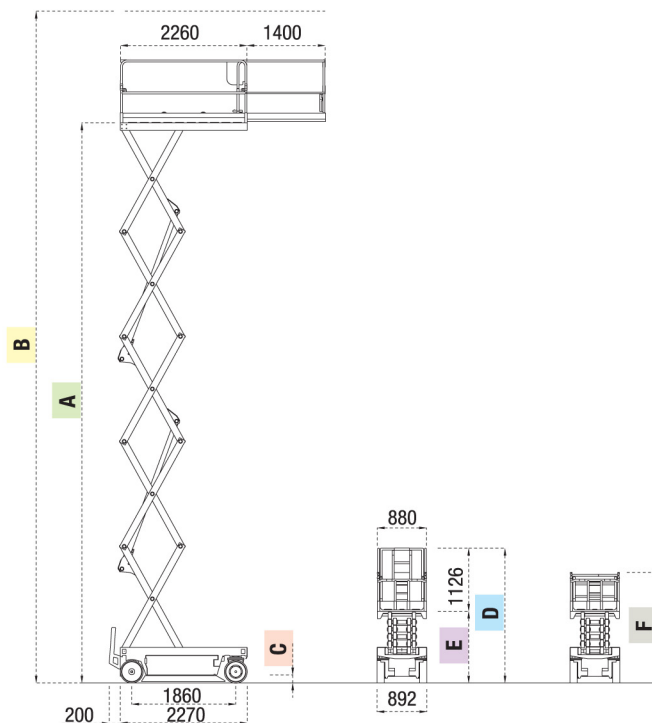


All the component parts are easily accessible for servicing.





		IT 8290	IT 10090
Number of scissors		4	5
A	mm	8150	10020
B	mm	10150	12020
C (Pot-hole raised/lowered)	mm	120/24	
D	mm	2280	2410
E	mm	1150	1280
F	mm	1850	1980
Capacity (including 3 people)	kg	350	300
Electric drive motors	V/kW	24/3,0	
Lifting power pack – hydraulic type	V/kW	24/3,0	
Traction battery	V/Ah	24/250	24/300
Battery weight	kg	4x45	4x53
Battery charger	V/A	24/30	24/35
Oil tank capacity	l	16	
Traction speed	km/h	0 ÷ 4	
Safety traction speed	km/h	0,7	
Gradeability	%	25	
Internal steering radius	m	0	
External steering radius	m	2,23	
Tyre dimensions	mm	410x130	
Tyre type		cushion	
Max side/longitudinal tilt angle	degrees	2 / 3	1,5/3
Total weight	kg	2530	3120

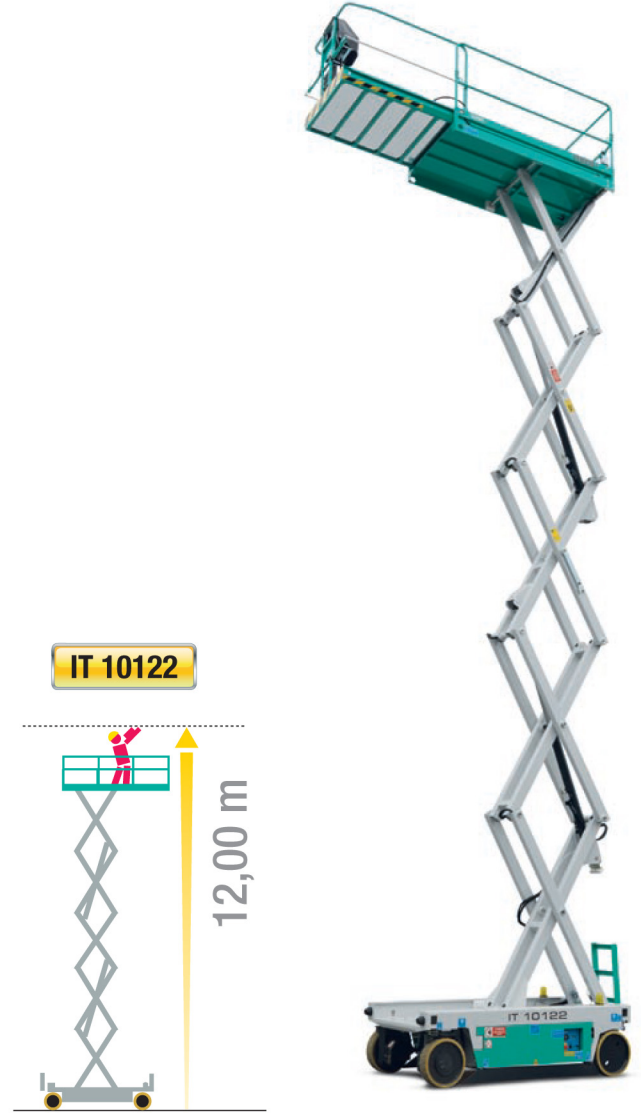


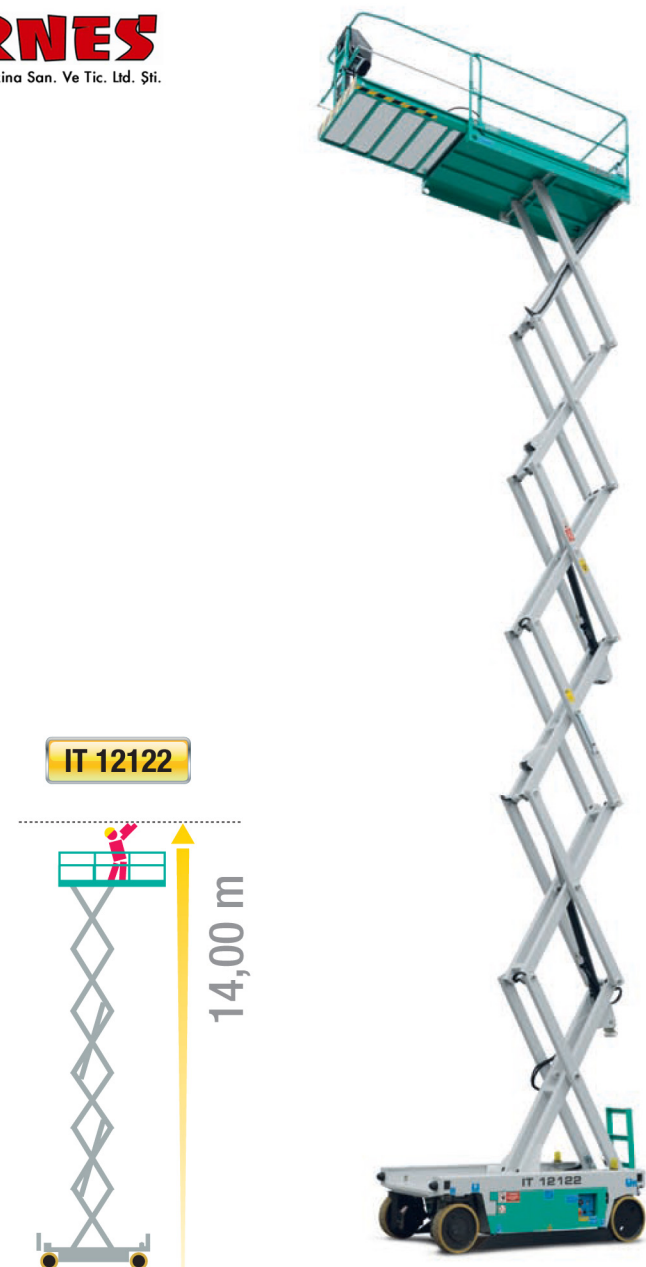
Standard equipment

- Electric front wheel drive motors
- Negative electromagnetic parking brakes with electric disengagement
- 90° steering
- Manual deck extension 1.4 m
- Manual emergency lowering device
- Cylinder holding valve
- Heavy duty traction batteries 24V-300Ah (c5)
- Battery charger with automatic switch-off
- Audible motion alarm, horn, hour meter
- Inclinometer with motion cut out and alarms
- Mechanical wheel drive release for emergency hauling
- Cushioned non-marking tyres
- Electrical scissor protection
- Pothole protections
- Battery control system with low-voltage cut-out protection
- Fold down railings
- Overload sensor
- CE - EN 280 marking
- 220-V cable with plug, socket and safety cut-out
- Flashing beacon
- Proportional controls with diagnostics

Benefits

- ✓ Electrical drive motors: less consumption, longer cycle times
- ✓ Parts inter-changability
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height
- ✓ Excellent speed and gradeability
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design
- ✓ Rigid chassis and scissor pack



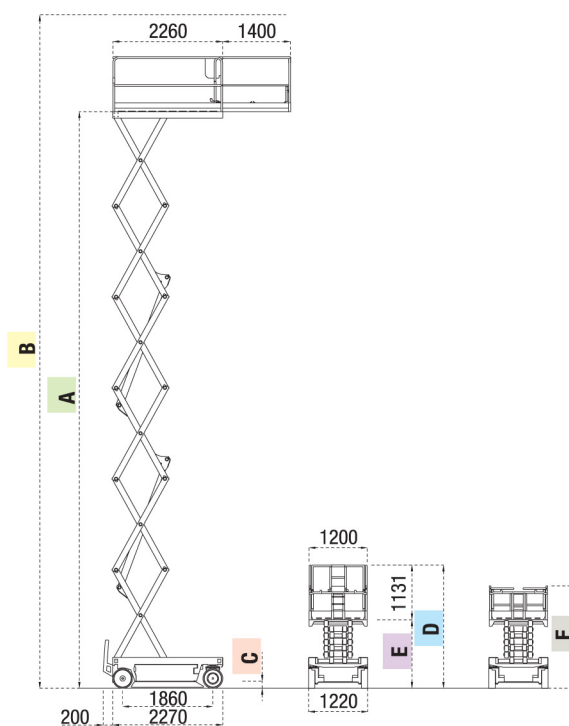


All the component parts are easily accessible for servicing.



Functional chassis design for easy cleaning.

		IT 10122	IT 12122
Number of scissors		5	6
A	mm	10020	11900
B	mm	12020	13900
C (Pot-hole raised/lowered)	mm	120/24	
D	mm	2410	2540
E	mm	1280	1410
F	mm	1980	2110
Capacity (including 3 people)	kg	450	350
Electric drive motors	V/kW	24/3,0	
Lifting power pack – hydraulic type	V/kW	24/3,0	
Traction battery	V/Ah	24/300	
Battery weight	kg	4x53	
Battery charger	V/A	24/35	
Oil tank capacity	l	16	
Traction speed	km/h	0 ÷ 4	
Safety traction speed	km/h	0,7	
Gradeability	%	25	
Internal steering radius	m	0	
External steering radius	m	2,35	
Tyre dimensions	mm	410x130	
Tyre type		cushion	
Max side/longitudinal tilt angle	degrees	2 / 3	
Total weight	kg	2815	3315

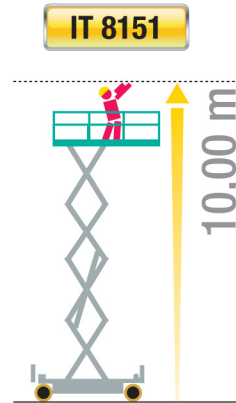


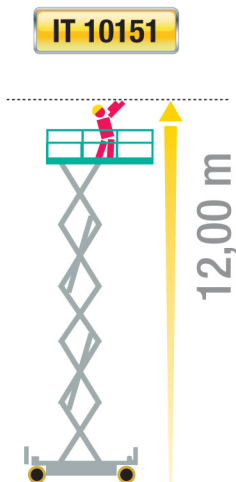
Standard equipment

- Electric rear wheel drive motors (IT 8151)
- Hydraulic rear wheel drive motors (IT 10151 - IT 12151)
- Manual deck extension 1.4 m
- Manual emergency lowering device
- Cylinder holding valve
- Heavy duty traction batteries 24V-320Ah (c5) (IT 8151)
- Heavy duty traction batteries 48V-320Ah (c5) (IT 10151 - IT 12151)
- Battery charger with automatic switch-off
- Audible motion alarm, horn, hour meter
- Inclinometer with motion cut out and alarms
- Wheel drive release for emergency hauling
- Cushioned non-marking tyres
- Electrical scissor protections
- Battery control system with low-voltage cut-out protection
- Fold down railings
- Overload sensor
- CE - EN 280 marking
- 220-V cable with plug, socket and safety cut-out
- Flashing beacon
- Proportional controls with diagnostics

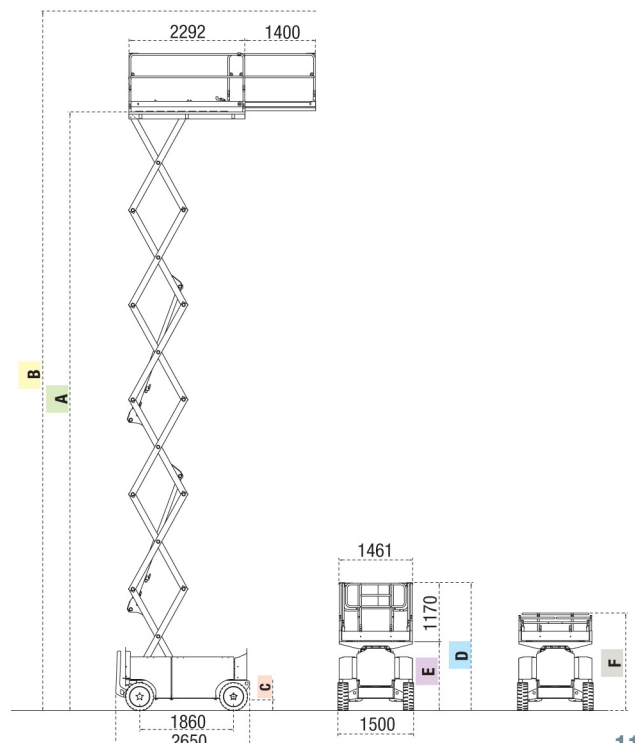
Benefits

- ✓ Electrical drive motors: less consumption, longer cycle times (IT 8151)
- ✓ Parts inter-changability
- ✓ Machine for outdoor use, with no performance restrictions, regarding either indoor or outdoor use
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height
- ✓ Excellent speed and gradeability performance
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design
- ✓ Rigid chassis and scissor pack





		IT 8151	IT 10151	IT 12151
Number of scissors		4	5	6
A	mm	8000	9900	11800
B	mm	10000	11900	13800
C	mm		225	
D	mm	2280	2410	2540
E	mm	1110	1240	1370
F	mm	1680	1810	1940
Capacity (including 3 people)	kg	400	-	-
Capacity (including 2 people)	kg	-	350	300
Electric drive motors	V/kW	24 / 3,0	-	-
Hydraulic power pack	V/kW	24 / 3,0	48 / 5,0	48 / 5,0
Traction battery	V/Ah	24 / 320	48 / 320	48 / 320
Battery weight	kg	4 x 55	2 x 236	2 x 236
Battery charger	V/A	24 / 40	48 / 40	48 / 40
Oil tank capacity	l	16	40	40
Traction speed	km/h		0 ÷ 4	
Safety traction speed	km/h	0,6	0,7	0,7
Gradeability	%		25	
Internal steering radius	m		2,1	
External steering radius	m		4,1	
Tyre dimensions	mm		559x203x406	
Tyre type			cushion 22x8x16	
Max side/longitudinal tilt angle	degrees		2 / 3	
Total weight	kg	2860	3900	4400



Standard equipment D-DE

- Front wheel steering
- Hydraulic transmission 2WD / 4 WD
- Mechanical wheel drive disengagement for emergency hauling
- Hydraulic self-locking differential
- Water cooled Diesel engine
- Start-up battery 12V 66Ah
- Start-up battery alternator
- Manual emergency lowering device
- Proportional controls
- Diagnostic system
- Hour meter
- Cylinders holding valves
- Manual deck extension 1.4 m
- Inclinator with motion and alarms
- Audible motion alarm
- Mechanical scissor protection
- Rough terrain tyres extra grip 27x10.5 - 15" (only D version)
- Removable control box
- Oscillating front axle
- Fold down railings
- Overload sensor
- CE – EN 280 marking
- Flashing beacons
- 220Volt cable with plug socket and safety cut-out
- Automatic hydraulic leveling outriggers

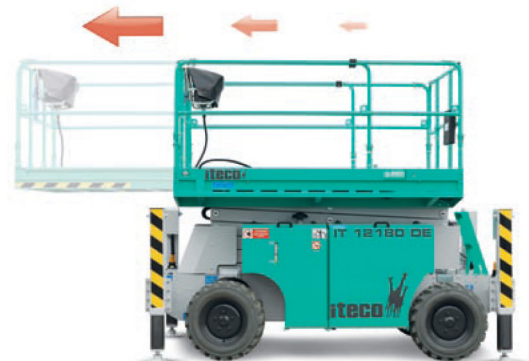
Standard equipment DE

- Power pack 24 V – 4 kW
- Traction Battery 24V 400Ah
- HF Battery charger 220V/24V-80A with automatic switch off
- Battery control system with low voltage cut-out protection
- Battery cut-out handle
- Alternator for traction battery
- Rough terrain tyres extra grip non-marking 27x10.5 - 15"

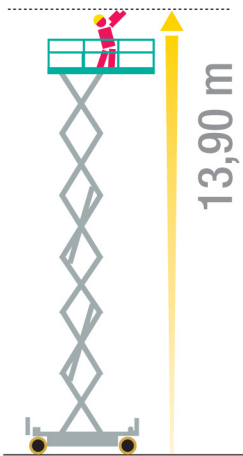


Benefits

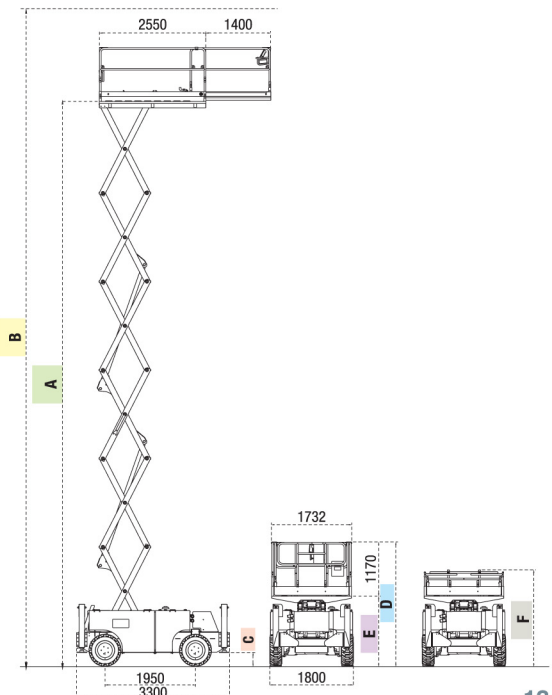
- ✓ Machine for outdoor use, with no performance restrictions, regarding either indoor or outdoor use
- ✓ The Diesel/electric version allows working both indoors noiselessly and without pollution
- ✓ High capacity platform of 3,95 meter total length (with deck extended)
- ✓ Automatic levelling outriggers for levelling the machine on un-even ground
- ✓ Oscillating axle and four-wheel drive, for superior traction, in rough terrain
- ✓ Works at maximum height, within the allowed inclinations without using the self levelling outriggers
- ✓ Drivable at maximum height with no capacity restrictions
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design



IT 12180



		IT 10180		IT 12180	
Number of scissors		5		6	
		IT 10180 D	IT 10180 DE	IT 12180 D	IT 12180 DE
A	mm	10200		11900	
B	mm	12200		13900	
C	mm		300		
D	mm	2545		2685	
E	mm	1375		1515	
F	mm	1940		2080	
Capacity (including 3 people)	kg	500		-	
Capacity (including 2 people)	kg	-		350	
Diesel engine	kW		14,6		
Electric motor	V/kW	-	24/4	-	24/4
Start-up battery	V/Ah		12 / 66		
Traction battery	V/Ah	-	24 / 400	-	24 / 400
Start-up battery weight	kg		38		
Traction battery weight	kg	-	290	-	290
Battery charger	V/A	-	24 / 80	-	24 / 80
Oil tank capacity	l		35		
Traction speed 2 WD / 4 WD	km/h		Dies. = 4,5/1.2 Elect. = 2,8/0,75		
Traction speed (security)	km/h		0,6		
Gradeability	%		35% Diesel / 20% battery		
Internal steering radius	m		1,90		
External steering radius	m		4,51		
Tyre dimensions	mm		259 x 695		
Tyre type			27 x 10.5 - 15"		
Max side/longitudinal tilt angle	degrees		2 / 3		
Total weight	kg	4600		4760	



Standard equipment D - DE

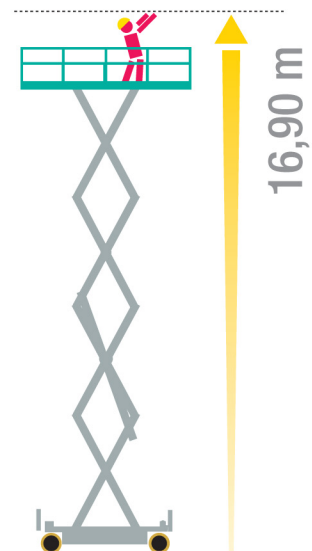
- Key selector for traction at maximum height with 500 kg capacity or up to 10 m height with 1000kg capacity
- Permanent hydraulic transmission 4 WD
- Mechanical wheel drive disengagement for emergency hauling
- Hydraulic self-locking differential
- Water cooled Diesel engine 31.5 kW
- Start-up battery 24V 65Ah
- Start-up battery alternator
- Manual emergency lowering device
- Proportional controls
- Diagnostic system
- Hour meter
- Cylinders holding valves
- Double hydraulic deck extension 1,25 m each
- Inclinator with motion cut out and alarms
- Audible motion alarm
- Mechanical scissor protection
- Rough terrain tyres extra grip 33x10.75 - 20" (only D version)
- Removable control box
- Oscillating front axle
- Fold down railings
- Overload sensor
- CE – EN 280 marking
- Flashing beacons
- 220Volt cable with plug socket and safety cut-out
- Automatic hydraulic leveling outriggers

Standard equipment DE

- Power pack 48V – 8 kW
- Traction battery 48V 525 Ah
- HF Battery charger 48V – 55 A with automatic switch off. Re-charging time 12-13 hours
- Battery control system with low voltage cut-out protection
- Battery cut-out handle
- Rough terrain non-marking tyres extra grip 33x10.75 - 20"



IT 15230

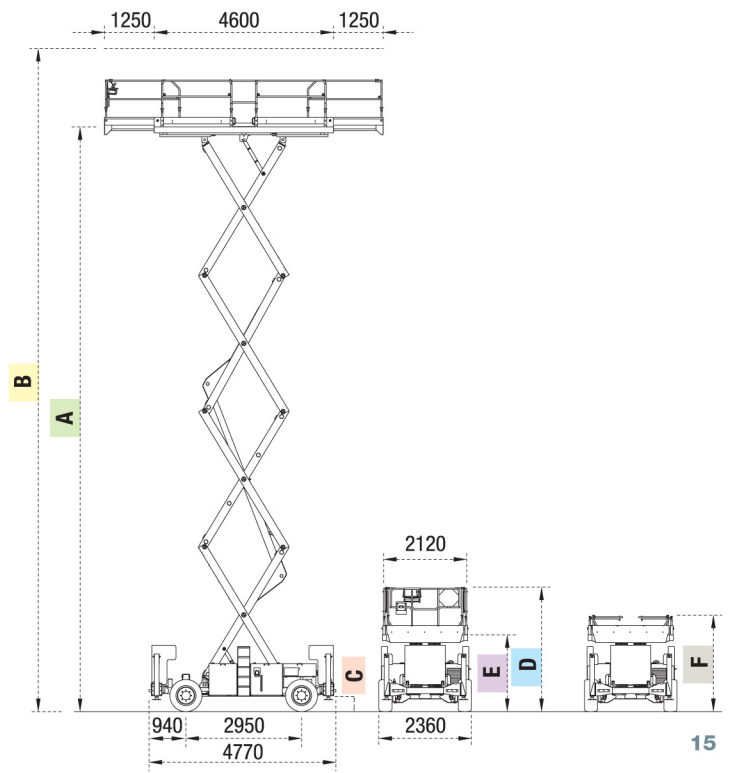


Benefits

- ✓ The Diesel/electric version allows working indoors noiselessly without pollution
- ✓ Highest load capacity in its category: 1000 kg
- ✓ Large platform surface. Total length 7,1 m (with deck extended)
- ✓ Oscillating axle and four-wheel drive, for the superior traction, in rough terrain
- ✓ Automatic levelling outriggers for levelling the machine, on uneven ground
- ✓ Works at maximum height within the allowed inclinations, without using the self levelling outriggers
- ✓ Traction at maximum height with 500 kg capacity
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design



	IT 15230 D	IT 15230 DE
Number of scissors		4
A	mm	14900
B	mm	16900
C	mm	380
D	mm	3160
E	mm	1960
F	mm	2460
Capacity (including 3 people)	kg	1000
Diesel engine	kW	31,5
Electric motor	V / kW	- 48 / 8
Start-up battery	V / Ah	24 / 65
Traction battery	V / Ah	- 48 / 525
Start-up battery weight	kg	38
Traction battery weight	kg	- 720
Battery charger	V / A	- 48 / 60
Oil tank capacity	l	100
Traction speed	km / h	Diesel= 6 / battery= 2,6
Safety traction speed	km / h	0,6
Gradeability	%	35% Diesel / 20% battery
Internal steering radius	m	3,2
External steering radius	m	6,3
Tyre dimensions	mm	838 x 273
Tyre type		33 x 10,75 - 20
Max side/longitudinal tilt angle	degrees	2 / 3
Total weight	kg	10500



Standard equipment

- 4WD hydrostatic transmission
- Mechanical wheel drive disengagement for emergency hauling
- Manual emergency lowering device
- Proportional controls
- Diagnostics
- Hour meter
- Cylinder holding valves
- Manual deck extension 2 m
- Inclinometer with motion cut out and alarms
- Audible motion alarm
- Mechanical scissor protection
- Removable control box
- Oscillating rear axle
- Fold down railings
- Overload sensor
- CE – EN 280 marking
- Flashing beacons
- 220Volt cable with plug socket and security cut-out
- Automatic hydraulic levelling

Standard equipment D

- Water-cooled Diesel engine 23 kW
- Start-up battery 24V 65 Ah
- Start-up battery alternator
- Rough terrain tyres extra grip 33x12 – 20"

Standard equipment E

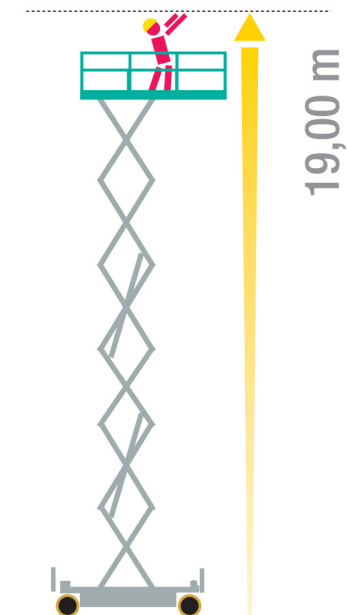
- Power pack 48V – 10 kW
- Traction battery 48V 630 Ah
- HF battery charger 48V – 55 A with automatic disengagement. Re-charging time 12-13 hours
- Battery control system with low voltage and safety cut-out
- Battery cut-out handle
- Non-marking rough terrain tyres extra grip 33x12 – 20"



IT 17210

Benefits

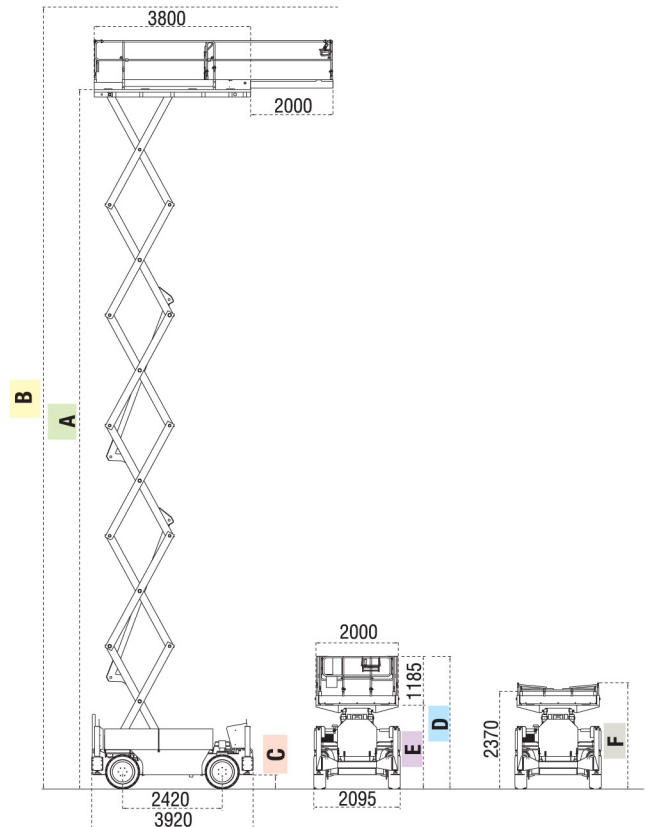
- ✓ Compact dimensions 2,10 x 3,92m
- ✓ Traction up to 14m with full 540 kg capacity
- ✓ Machine for indoor/outdoor use, with a oscillating axle and four-wheel drive, for superior traction in rough terrain
- ✓ Automatic levelling outriggers for levelling the machine in rough terrain
- ✓ High manoeuvrability thanks to the turning radius of 0,8 m and the short overall length of the machine
- ✓ Works at maximum height within the allowed inclinations, without using the self-levelling outriggers
- ✓ Full capacity allowed on deck extension
- ✓ Sturdy construction and unique design





IT 17210

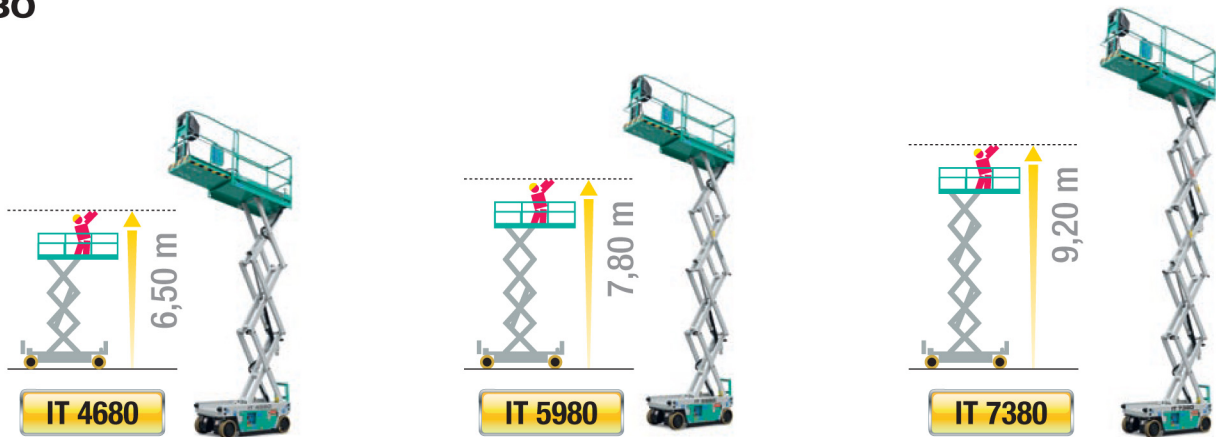
Number of scissors		6
A	mm	17000
B	mm	19000
C	mm	340
D	mm	3220
E	mm	2035
F	mm	2580
Max drive height	m	14.0
Facultative stabilizers use until max height		
Capacity (including 3 people)	kg	540
Diesel engine	kW	23
Electric motor	kW	10
Start-up battery	V/Ah	24 / 65
Traction battery	V/Ah	48 / 630
Start-up battery weight	kg	38
Traction battery weight	kg	960
Battery charger	V/A	48 / 55
Oil tank capacity	l	80
Max. speed	km/h	Diesel= 7 / battery= 4
Safety speed	km/h	Max. 0.6
Gradeability	%	45% Diesel / 30% battery
Max. Lateral inclination	degrees	1.5°
Max. Longitudinal inclination	degrees	3°
Internal turning radius	m	0.8
External turning radius	m	4.2
Tyre type		33x12-20"
Tyre dimensions	mm	815x295
Weight	kg	8900



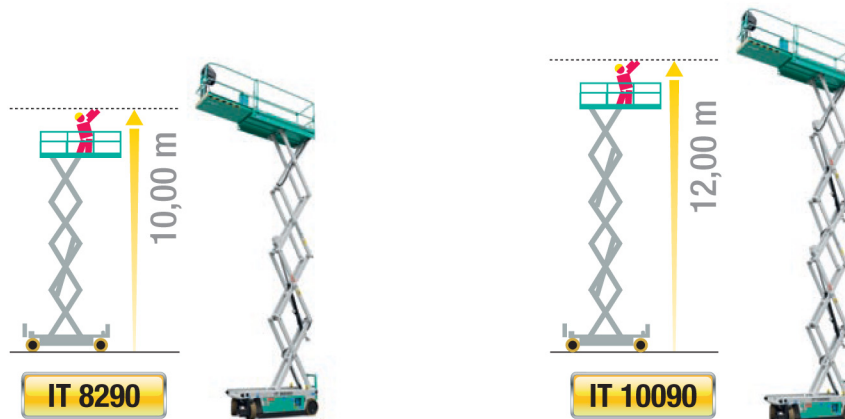
Series IT80M-MC



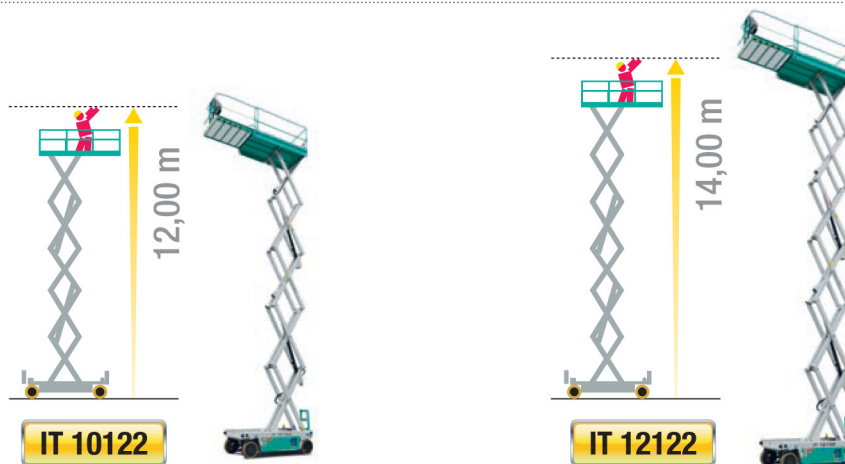
Series IT80



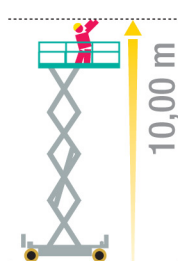
Series IT90



Series IT122



Series IT151



IT 8151



IT 10151



IT 12151



Series IT180



IT 10180



IT 12180



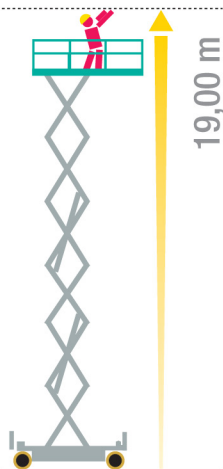
Series IT230



IT 15230



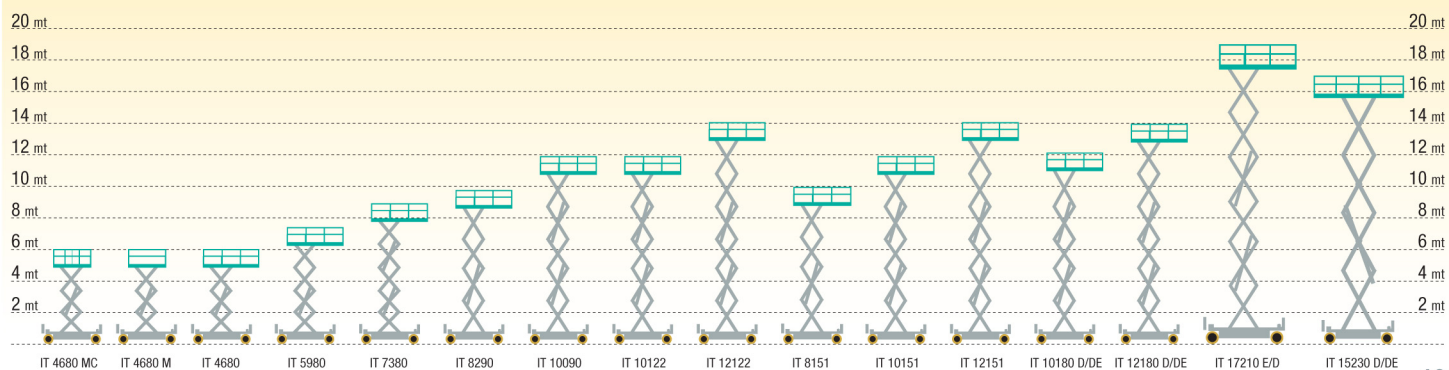
Series IT210



IT 17210



ARNES
Mekanik Makina San. Ve Tic. Ltd. Şti.





IMER International S.p.A.

Headquarters

Via Salceto, 53/55 - 53036 Poggibonsi (SI) Italy

Ph. +39 0577 97341 - Fax +39 0577 983304

iteco Powered Access Division

Via San Francesco d'Assisi, 8 - 46020 Pegognaga (MN) Italy

Ph. +39 0376 554011 - Fax +39 0376 559855

MARKETING & SALES

Riccardo Giannettoni: *Sales Director*

r.giannettoni@imerint.it

Ilaria Cetta: *Marketing*

Ph. +39 0577 973401 - i.cetta@imerint.it

Claudia Ghirelli: *Sales & Logistics (Italy-Export)*

Ph. +39 0376 5540202 - c.ghirelli@itecolift.it

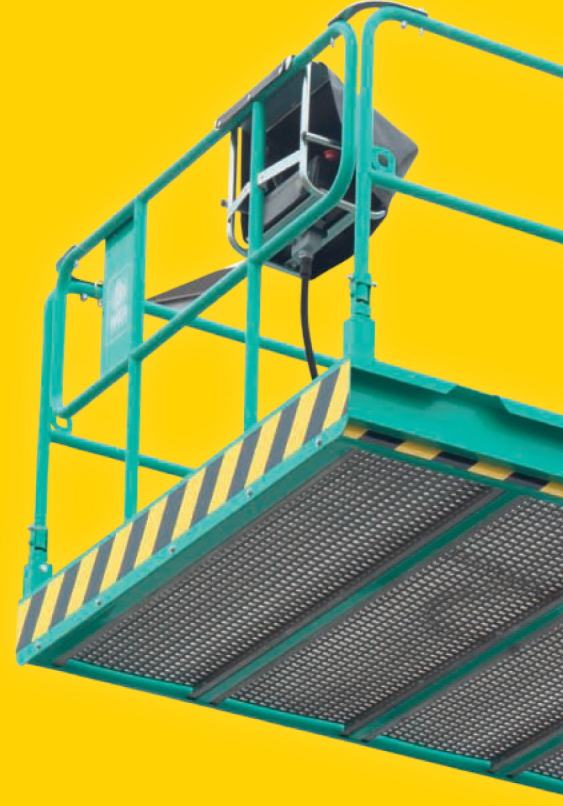
Fax: +39 0376 559855

AFTER SALE SERVICE & SPARE PARTS

Matteo Iori: *After Sale Service Manager*

Ph. +39 0376 5540225 - m.iori@itecolift.it

Fax: +39 0376 5540206



IMER International SpA
Via Salceto, 53 - 55
53036 Poggibonsi (Siena) Italy
Ph. +39 0577 97341
Fax +39 0577 983304
www.imergroup.com