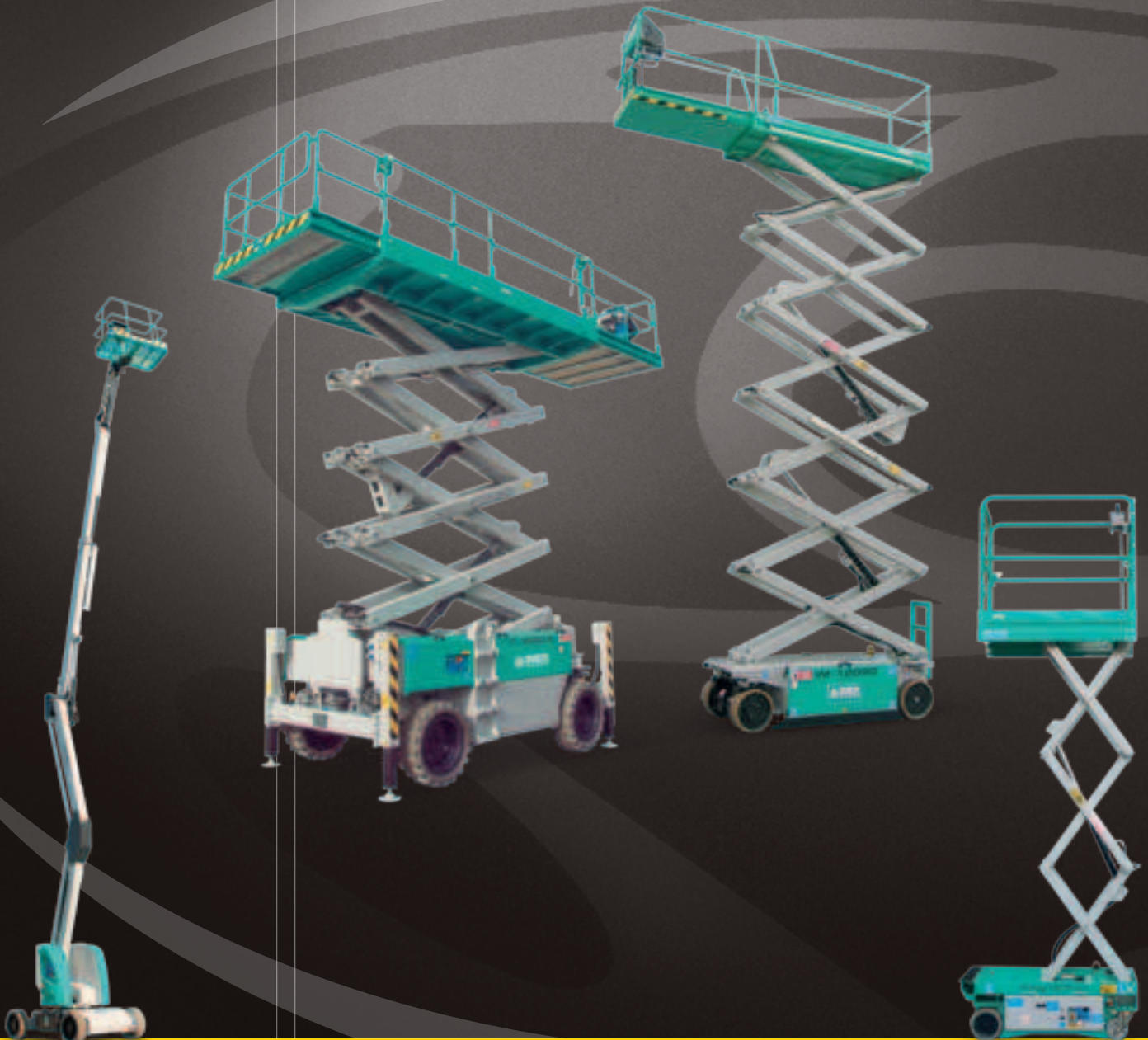


Powered Access Line



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• Electric Scissor Lifts

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The facility of Pegognaga (Mantua) - almost 15 thousand square metres surface, of which more than 4,700 covered, with 35 employees - manages the Aerial Platforms product lines consisting of Scissor Lifts, Articulated Boom Lifts and Crawler Access Platforms.

The Business Unit IMER Access, created following the acquisition by IMER Group of the ITECO assets in 2009, has enabled the Group to further expand its product range in the lifting industry.

The product mix covers a comprehensive range of indoor electric machines, as well as diesel versions, that are used in both internal and external applications. This product range has been carefully designed, and is a direct result of years of experience and specific research in numerous industries and it thus meets the stringent needs of clients in the most selective of European and global markets.

IMER Group has always pursued a logic of “focusing to the market” and flexibility in meeting the demand that, through constant improvement of products and processes, enables us to propose an exclusive and specific product range able to meet the various requirements of the market, successfully combining the binomial “quality and reliability”.

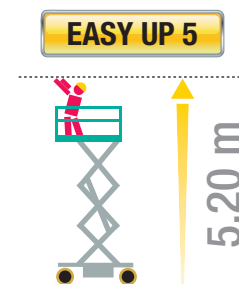


Standard equipment

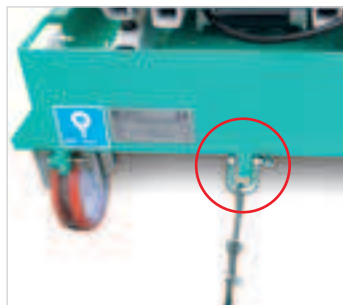
- Manual emergency lowering device
- Battery charger with automatic switch-off
- Low battery alert
- Battery switch-off
- Inclinator with cut out and alarm
- Load sensor with audible/visual motion cut out and alarm
- Electrical scissor protection
- Non marking tires
- Cylinder holding valve
- Non-slip deck surface
- Full height access gate with spring-lock

Benefits

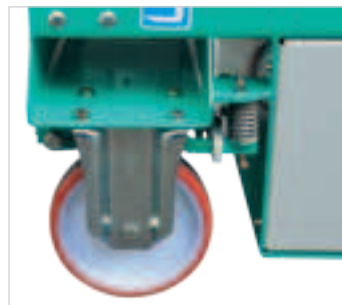
- ✓ Smooth roller castors with non-marking tyres suitable for soft ground
- ✓ It can be driven through standard doorways and carried in passenger elevators
- ✓ Ease of transport thanks to fork lift, lifting points and several slinging hook points
- ✓ Outstanding battery capacity provides long endurance
- ✓ Safe and reliable emergency lowering device with pull-up handle
- ✓ Digital inclinometer with cut out and audible alarm when exceeding the allowable tilt angle (no stabilisers required)
- ✓ Battery charger can be switched on for long periods, ensuring 100% battery charge



All the component parts are easily accessible for servicing.



Winching eye for easy transport.



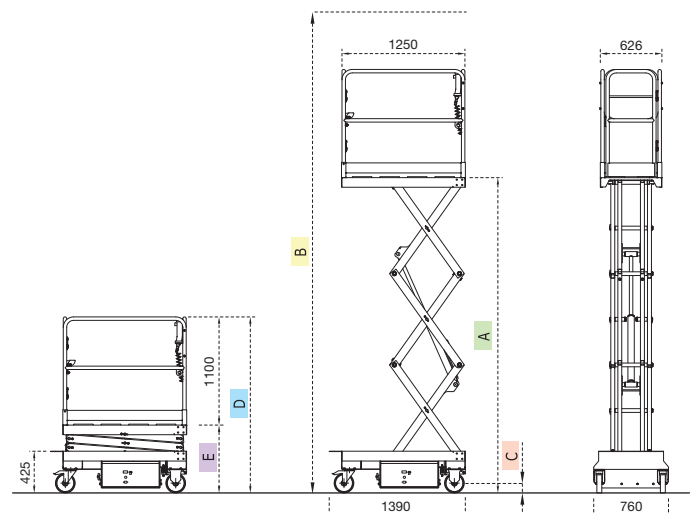
Auto braking on castors.



Removable control allows for easy and safe movement. Equipped with key switch and emergency stop button.

EASY UP 5

Number of scissors		3
A	mm	3200
B	mm	5200
C	mm	60
D	mm	1790
E	mm	690
Capacity (including 1 person)	kg	200
Electric motor (power pack)	kW	1.6
Battery	V/Ah	12/105
Battery charger	V	230
Oil tank capacity	l	2
Lifting time	s	17/17
Max side/longitudinal tilt angle	degrees	1.3/2.5
Total weight	kg	390



Standard equipment

- Manual emergency lowering device
- Battery charger with automatic switch-off
- Low battery alert
- Battery switch-off
- Inclinator with cut out and alarm
- Load sensor with audible/visual motion cut out and alarm
- Electrical scissor protection
- Non marking tires
- Cylinder holding valve
- Non-slip deck surface
- Full height access gate with spring-lock
- 2WD traction, DC electric motors
- Electromagnetic brakes on the 2WD
- Swivel caster interlock for straight line driving
- Pothole protection
- Control box on platform IP65, with proportional joystick and emergency stop
- Selector for 3 different proportional speed
- Audible motion alarm
- Horn
- Ground control panel with key switch
- Flashing beacon

Benefits

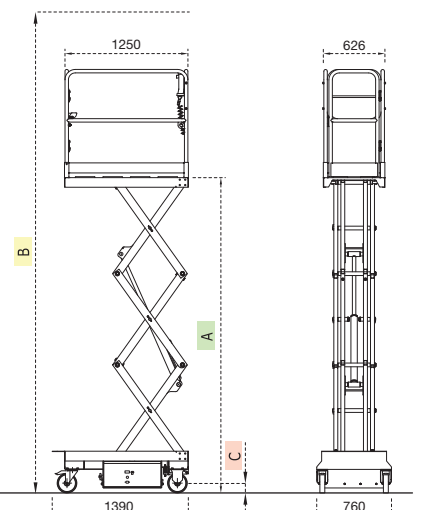
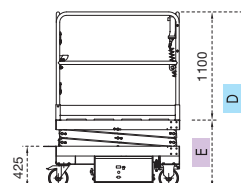
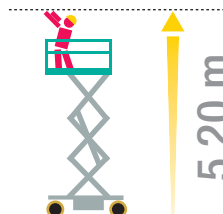
- ✓ Smooth roller castors with non-marking tyres suitable for soft ground
- ✓ It can be driven through standard doorways and carried in passenger elevators
- ✓ Ease of transport thanks to fork lift, lifting points and several slinging hook points
- ✓ Outstanding battery capacity provides long endurance
- ✓ Safe and reliable emergency lowering device with pull-up handle
- ✓ Digital inclinometer with cut out and audible alarm when exceeding the allowable tilt angle (no stabilisers required)
- ✓ Battery charger can be switched on for long periods, ensuring 100% battery charge
- ✓ Higher productivity thanks to the powered traction also allowed at full height
- ✓ Reduced environmental impact by electric traction
- ✓ Easier loading operation on ramps
- ✓ Excellent manoeuvrability, safe, quick and precise positioning in very congested sites

EASY UP 5 SP

Number of scissors		3
A	mm	3200
B	mm	5200
C	mm	25
D	mm	1810
E	mm	710
Capacity (including 1 person)	kg	200
Electric motor (power pack)	kW	2
Electric drive motors	V/kW	24/1
Battery	V/Ah	2 x 12/105
Battery charger	V	230
Oil tank capacity	l	2
Lifting time	s	17/20
Max side/longitudinal tilt angle	degrees	1.5/2.5
Gradeability	%	25
Traction speed	km/h	0 - 4
Safety traction speed	km/h	0.6
Internal turning radius	m	0
External turning radius	m	1.25
Total weight	kg	500



EASY UP 5 SP



Standard equipment

- 2WD traction, DC electric motors and electromagnetic brakes
- Swivel caster interlock for straight line driving
- Selector for 3 different proportional speed
- Non marking tires
- Double material tray, non-slip, adjustable and fixed
- Double door access gate with spring-lock
- Control box on platform IP65, with proportional joystick and emergency stop
- Ground control panel with key switch
- Inclinometer with audible/visual alarm and motion cut out
- Load sensor with audible/visual alarm and motion cut out
- Electrical scissor protection
- Pothole protection
- Audible motion alarm, horn and flashing beacon
- Low battery alert
- Battery charger with automatic switch-off
- Manual emergency lowering device
- Cylinder holding valve

Benefits

- ✓ Higher productivity thanks to the powered traction also allowed at full height
- ✓ Excellent manoeuvrability, safe, quick and precise positioning in very congested sites
- ✓ Large material tray, non-slip, adjustable in 8 positions
- ✓ It can be driven through standard doorways and carried in passenger elevators
- ✓ Ease of loading either by ramps, forklift pockets and crane lifting points
- ✓ Light and handy, with non marking tires, ideal for delicate and/or raised access flooring
- ✓ Outstanding battery capacity provides long endurance
- ✓ Battery charger with automatic compensation charge for long periods of inactivity. Just leave it ON.
- ✓ Emergency lowering device easy and quick to operate

EASY UP 5 Picking

Number of scissors		3
A	mm	3200
B	mm	5200
C	mm	25
D	mm	1820
E	mm	710
Platform dimensions	mm	700x620
Material tray dimensions	mm	500x620
Platform capacity (including 1 person)	kg	120
Material tray capacity	kg	80
Total capacity (including 1 person)	kg	200
Electric motor (power pack)	kW	2
Electric drive motors	V/kW	24/1
Battery	V/Ah	2 x 12/105
Battery charger	V	230
Oil tank capacity	l	2
Lifting time	s	17/20
Max side/longitudinal tilt angle	degrees	1.5/2.5
Gradeability	%	25
Traction speed	km/h	0 - 4
Safety traction speed	km/h	0.6
Internal turning radius	m	0
External turning radius	m	1.25
Total weight	kg	585



Large material tray, non-slip, adjustable in 8 positions.



Proper and ergonomic components disposition for easier and faster maintenance task.



Sturdy IP65, simple and intuitive control box.



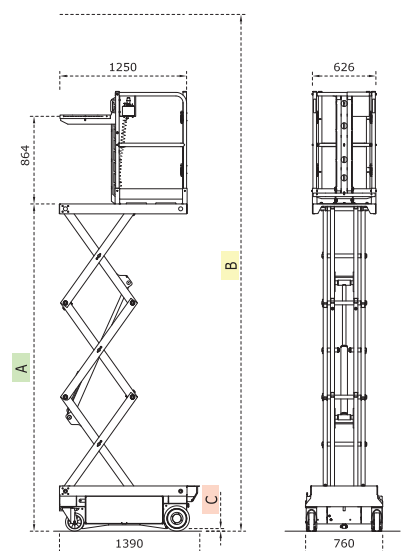
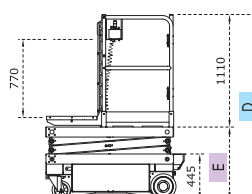
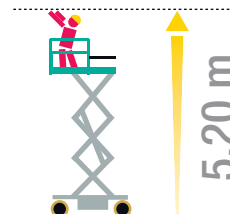
Swivel caster interlock for straight line driving.



Ground control panel, intuitive and well protected from accidental bumps.



EASY UP 5 Picking



IM 4680 MC

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-185Ah C5
- Battery charger with automatic switch-off
- Audible motion alarm, horn, hour meter
- Inclinator 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
- 220V cable predisposition
- Flashing beacon
- Proportional controls with diagnostics

Optionals

- 230 V / 110 V cable with plug, socket and safety cut-out
- Gel battery IM 80 series
- Kit 2° rotating beacon
- Kit for compressed air

Benefits

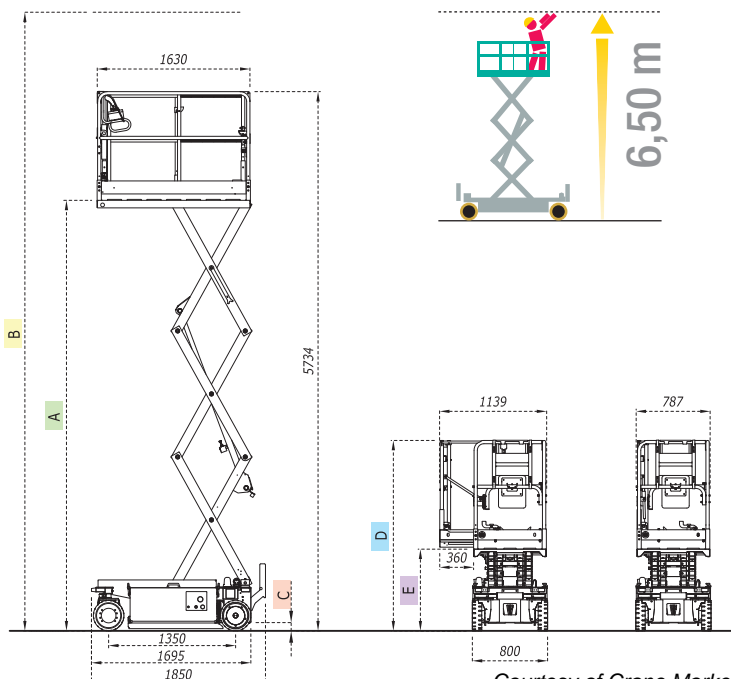
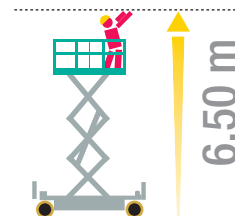
- ✓ Electric drive motors: less consumption, longer cycle times
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height with lateral deck extended
- ✓ Excellent speed and gradeability
- ✓ Full capacity allowed on deck extension
- ✓ Rigid chassis and scissor pack
- ✓ The **lateral deck extension** allows for the loading of bulky loads
- ✓ **Sliding gate** on the lateral deck extension for easy loading/unloading of bulky materials

IM 4680 MC

Number of scissors		3
A	mm	4500
B	mm	6500
C (Pot-hole raised/lowered)	mm	90 / 22
D	mm	2025
E	mm	869
Capacity (including 2 persons indoor and 1 person outdoor)	kg	230
Electric drive motors	V/kW	24/2.4
Lifting power pack – hydraulic type	V/kW	24/2.2
Traction battery	V/Ah	24/185 c5
Battery weight	kg	4x28
Battery charger	V/A	24/20
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	325x100
Tyre type		cushion
Max side/longitudinal tilt angle	degrees	1.5 / 2.5
Total weight	kg	1540



IM 4680 MC



Standard equipment

- Electric front wheel drive motors
- Negative electromagnetic parking brakes with electric disengagement
- 90° electric steering
- Control box with spiral cable
- Lateral deck extension 0.36 m
- Manual emergency lowering device
- Cylinder holding valve
- Traction batteries 24V-185Ah 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
- 220V cable predisposition
- Flashing beacon
- Proportional controls with diagnostics

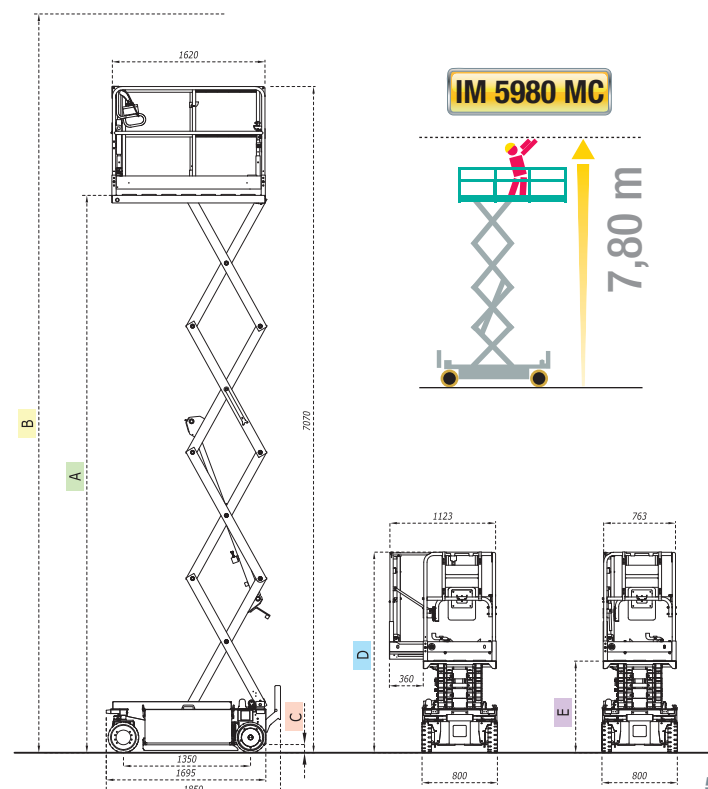
Optionals

- 230 V / 110 V cable with plug, socket and safety cut-out
- Gel battery IM 80 series
- Kit 2° rotating beacon
- Kit for compressed air

Benefits

- ✓ Electric drive motors: less consumption, longer cycle times
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height with lateral deck extended
- ✓ Excellent speed and gradeability
- ✓ Full capacity allowed on deck extension
- ✓ Rigid chassis and scissor pack
- ✓ The **lateral deck extension** allows for the loading of bulky loads
- ✓ **Sliding gate** on the lateral deck extension for easy loading/unloading of bulky materials

IM 5980 MC			
Number of scissors			4
A	mm		5800
B	mm		7800
C (Pot-hole raised/lowered)	mm		90 / 22
D	mm		2130
E	mm		972
Capacity (including 2 persons indoor and 1 person outdoor)	kg		220
Electric drive motors	V/kW		24 / 2.4
Lifting power pack – hydraulic type	V/kW		24 / 2.2
Traction battery	V/Ah		24 / 185 c5
Battery weight	kg		4 x 28
Battery charger	V/A		24/20
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		325 x 100
Tyre type			cushion
Max side/longitudinal tilt angle	degrees		1.5 / 2.5
Total weight	kg		1730



Standard equipment

- Electric traction on the front wheels
- Negative electromagnetic parking brakes with electric disengagement
- 90° wheel steering
- Manual deck extension 1.0 m
- Manual emergency lowering
- Non-return valve on lifting cylinders
- Traction batteries 24V-185Ah (c5)
- Battery charger with automatic cut-off
- All movement alarm, horn, hour meter
- Inclinator with motion cut-out and alarm
- Mechanical release for emergency hauling
- Solid rubber non-marking tires
- Electric scissor protection
- Pot Hole protection
- Battery level control with low voltage protection
- Foldable guardrails
- Overload sensor
- CE - EN 280
- Prearranged cable for 230V outlet on platform
- Flashin beacon
- Proportional controls with diagnostics

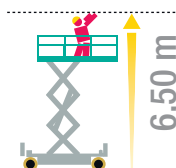
Optionals

- Kit 230 V outlet on platform (socket, plug and differential switch)
- Kit additional flashing beacon
- Compressed air line on platform
- Gel battery IM 80 series

Benefits

- ✓ Electric traction: lower energy consumption, longer autonomy, more traction
- ✓ All components are well protected into the chassis compartments and are easily accessible.
- ✓ IM 7380 is the most compact and lightweight scissors on the market for working at 9.2 m with unrestricted performances.
- ✓ **IM 5980 EX is CE approved for outdoor use**
- ✓ **IM 4680 has a weight of 1000 kg only** and a stowed height less than 2 m
- ✓ Traction allowed at max. height and with full rated load
- ✓ Excellent drive speed and gradeability
- ✓ Maximum load capacity and maximum number of people are totally authorized on the extension of the platform.
- ✓ Considerable rigidity of the chassis and lifting structure

IM 4680



Sturdy, simple and intuitive control box on platform



Battery compartment



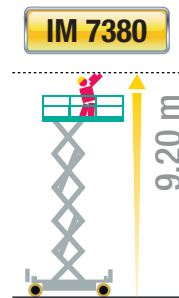
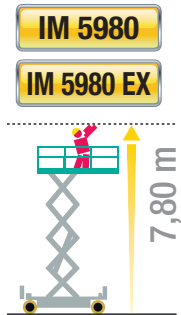
Manual deck extension 1 m



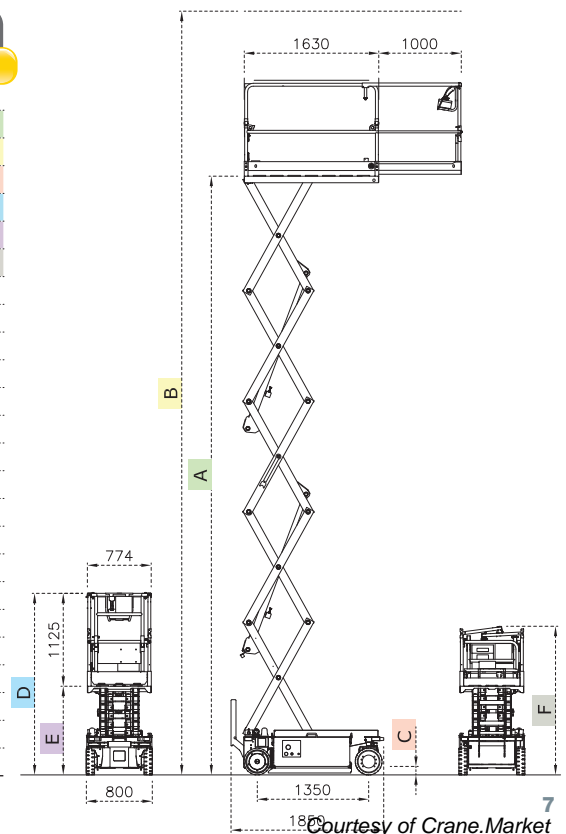
Foldable guardrails



90° wheel steering



		INDOOR USE	INDOOR USE	INDOOR AND OUTDOOR USE	INDOOR USE
		IM 4680	IM 5980	IM 5980 EX	IM 7380
Number of scissors		3	4	4	5
A (platform height)	m	4.5	5.8	5.8	7.2
B (working height)	m	6.5	7.8	7.8	9.2
C (ground clearance: pot hole up/down)	mm	90 / 22	90 / 22	90 / 22	90 / 22
D (stowed height)	m	1.99	2.10	2.10	2.20
E (min. platform height)	m	0.87	0.97	0.97	1.08
F (height with folded guards)	m	1.6	1.7	1.7	1.8
Capacity	kg	230	230	230	200
Capacity on deck extension	kg	230	230	230	200
Allowed operators	n°	2	2	2 / 1	2
Traction motors	V/kW		24 / 2.4		
Powerpack	V/kW		24 / 2.1		
Batteries	V/Ah		24 / 185 (C5)		
Battery weight	kg		4 x 28		
Battery charger	V/A		24 / 20		
Oil tank capacity	l		7		
Max driving speed	km/h		4		
Safety speed	km/h		0.6		
Gradeability	%		25		
Internal turning radius	m		0		
External turning radius	m		1.7		
Tires dimensions	mm		325 x 100		
Tires type			cushion		
Allowed max. inclination	degrees		1.5 / 2.5		
Weight	kg	1000	1290	1500	1700



Standard equipment

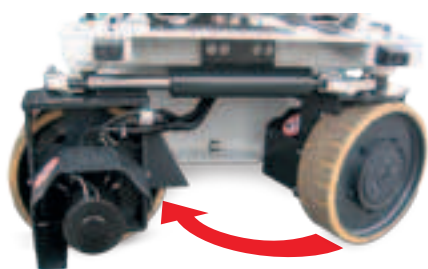
- Electric front wheel drive motors
- Negative electromagnetic parking brakes
- 90° wheel steering
- Manual deck extension 1.3 m
- Manual emergency lowering device
- Cylinder holding valve
- Traction batteries 24V
- Battery charger with automatic switch-off
- Audible motion alarm, horn, hour meter
- 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
- Fast action foldable railings
- Overload sensor
- CE - EN 280 marking
- 230V cable predisposition
- Flashing beacon
- Proportional controls with diagnostics

Optional

- Kit 230 V outlet (socket, plug and differential switch)
- Gel battery IM 90 series
- Kit additional flashing beacon
- Compressed air line

Benefits

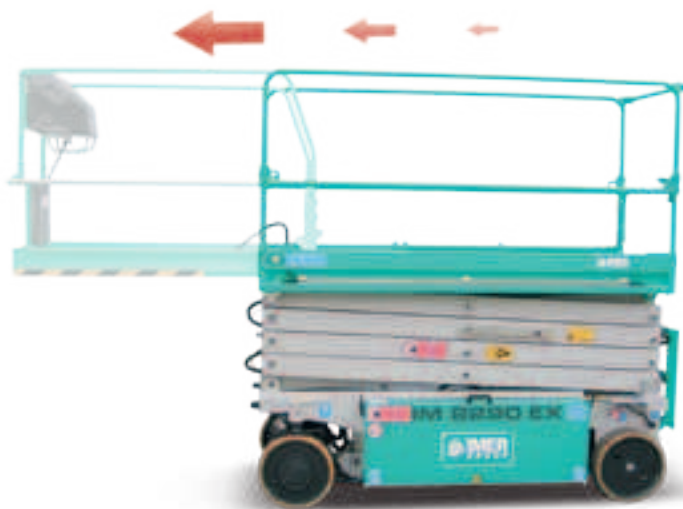
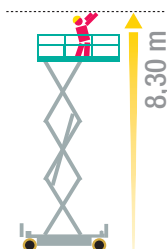
- ✓ Electric drive motors: less consumption, longer cycle times
- ✓ Drivable at full height with unrestricted capacity
- ✓ Maximum load capacity on the completely extended platform
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ **IM 12090**: the most compact and lightweight scissor model on the market for working at 14 m with unrestricted performances
- ✓ **IM 6390**: lightweight (1640 kg) and with great capacity of 400 kg (indoor use version)
- ✓ **IM 6390** and **IM 8290**: available with the version for outdoor use
- ✓ New chassis which ensures an optimal distribution of the weights improving the stability and the utilization of the machine
- ✓ New design and size of the scissor pack for better stability and working comfort
- ✓ Excellent speed and gradeability
- ✓ Ergonomic and intuitive control box with digital display



90° steering angle

IM 6390

IM 6390 EX



Manual deck extension 1.3 m



New design of the AWP and the scissor pack



New design of the chassis which allows easy cleaning and ensures protection to the components



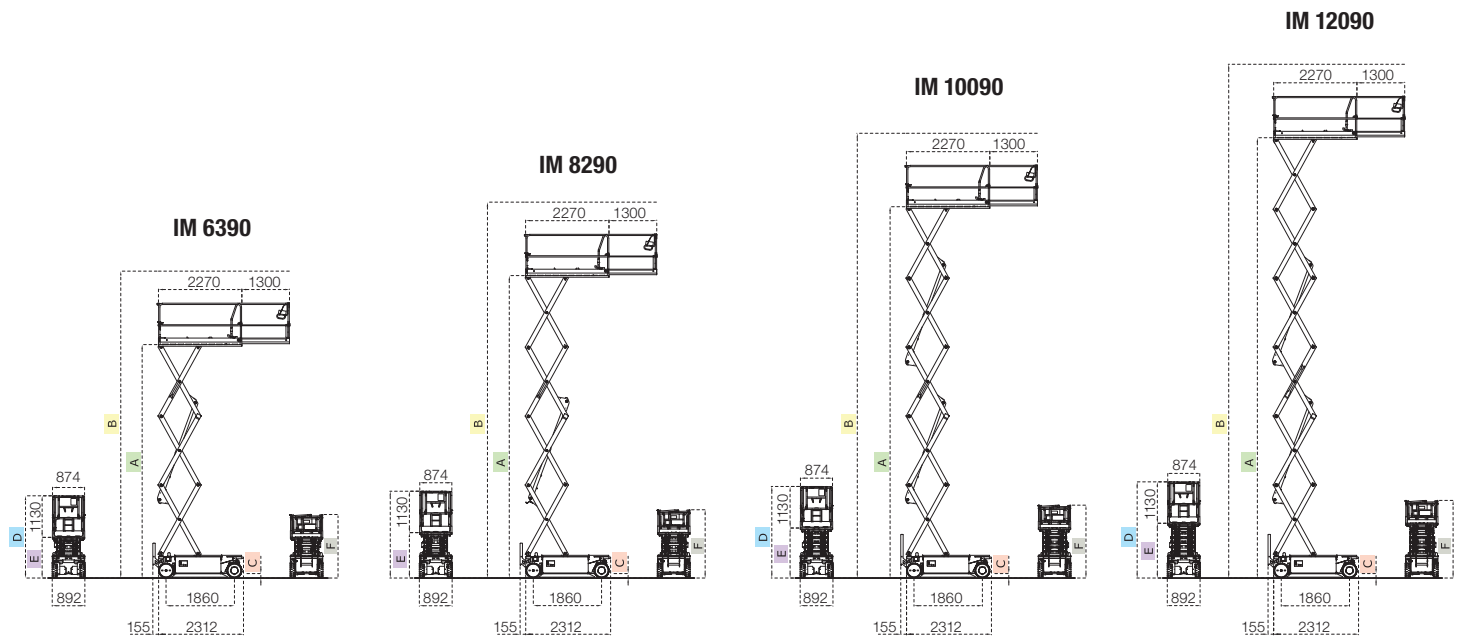
Hydraulic power pack



Sturdy, simple and intuitive control box on platform



Large battery compartment to place higher capacity batteries



		IM 6390	IM 6390 EX	IM 8290	IM 8290 EX	IM 10090	IM 12090
Number of scissors		3		4		5	6
A	mm	6300		8200		10000	12000
B	mm	8300		10200		12000	14000
C (Pot-hole raised/lowered)	mm			123/24			
D	mm	2238		2364		2492	2619
E	mm	1108		1235		1362	1489
F	mm	1731		1858		1985	2112
Capacity for indoor use / number of people	kg / nr.	400 / 3	350 / 3	300 / 3	230 / 2	300 / 3	220 / 2
Capacity for outdoor use / number of people		—	350 / 1	—	230 / 1	—	—
Electric drive motors	V / kW			24 / 3.0			
Lifting power pack – hydraulic type	V / kW			24 / 3.0			
Traction battery	V / Ah	24 / 200	24 / 200	24 / 200	24 / 250	24 / 250	24 / 300
Battery weight	kg	4x31	4x31	4x31	4x45	4x45	4x53
Battery charger	V / A	24 / 20	24 / 20	24 / 20	24 / 30	24 / 30	24 / 30
Oil tank capacity	l			17			
Traction speed	km / h			0 -:- 4			
Safety traction speed	km / h			0.6			
Gradeability	%			25			
Internal steering radius	m			0			
External steering radius	m			2.22			
Tyre dimensions	mm			410 x 130			
Tyre type				cushion			
Max side/longitudinal tilt angle	degrees	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.2 / 2.5
Total weight	kg	1640	1940	2000	2640	2850	3000

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)
- 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
- 220V cable predisposition
- Flashing beacon
- Proportional controls with diagnostics

Optionals

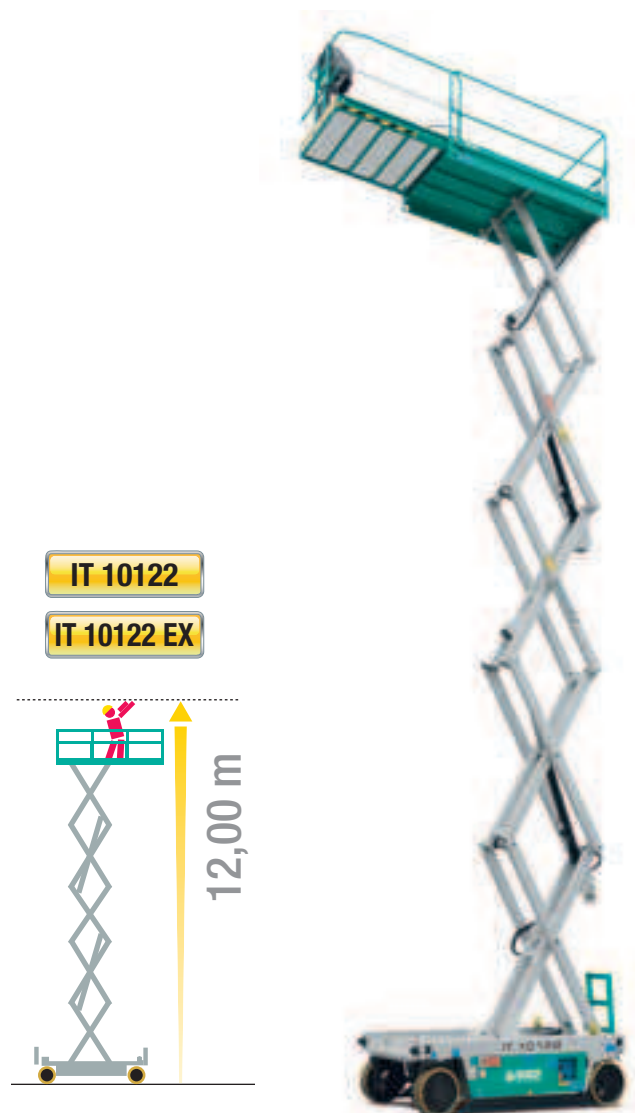
- 230 V / 110 V cable with plug, socket and safety cut-out
- Gel battery IT 122 series
- Kit 2° rotating beacon

Benefits

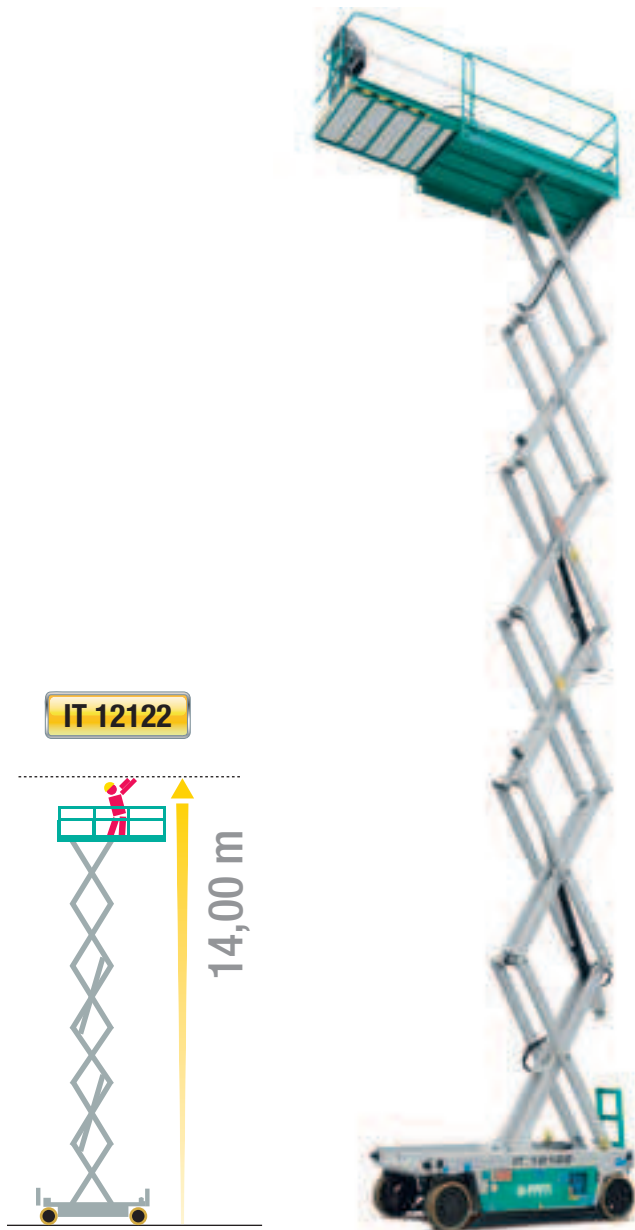
- ✓ Electrical drive motors: less consumption, longer cycle times
- ✓ All the components are contained inside the chassis and are easily accessible, nothing remains outside
- ✓ Drivable at full height
- ✓ Excellent speed and gradeability
- ✓ Maximum load capacity and maximum number of people are totally authorized on the extension of the platform.
- ✓ Rigid chassis and scissor pack

IT 10122 EX

Self-propelled electric version
for indoor and outdoor use



Manual deck extension 1.4 m



All the component parts are easily accessible for servicing.

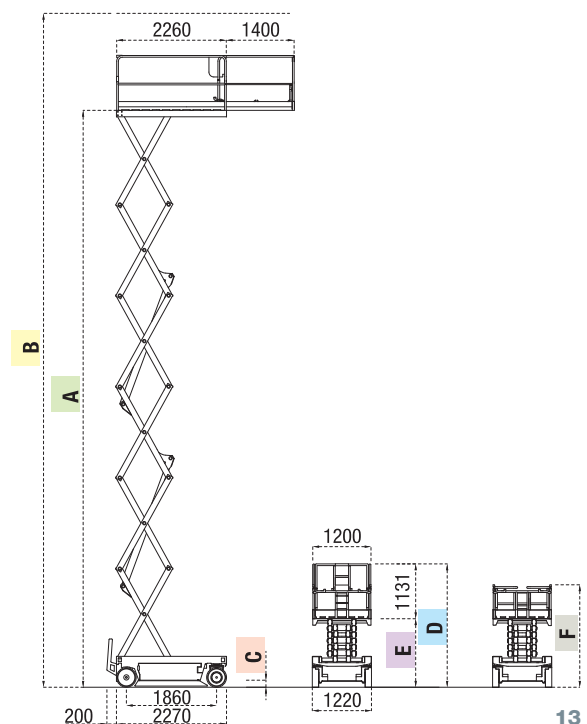


Functional chassis design for easy cleaning.



Sturdy, simple and intuitive control box on platform

		INDOOR USE	INDOOR USE	INDOOR AND OUTDOOR USE
		IT 10122	IT 12122	IT 10122 EX
Number of scissors		5	6	5
A	mm	10020	11900	10020
B	mm	12020	13900	12020
C (Pot-hole raised/lowered)	mm	120/24		120/24
D	mm	2410	2540	2410
E	mm	1280	1410	1280
F	mm	1980	2110	1980
Capacity for indoor use (including 3 people)	kg	450	350	300
Capacity for outdoor use (including 1 person)	kg	—	—	300
Electric drive motors	V/kW	24/3,0		24/3,0
Lifting power pack – hydraulic type	V/kW	24/3,0		24/3,0
Traction battery	V/Ah	24/250	24/300	24/250
Battery weight	kg	4x45	4x53	4x45
Battery charger	V/A	24/30		24/30
Oil tank capacity	l	16		16
Traction speed	km/h	0 ÷ 4		0 ÷ 4
Safety traction speed	km/h	0.7		0.7
Gradeability	%	25		25
Internal steering radius	m	0		0
External steering radius	m	2.35		2.35
Tyre dimensions	mm	410x130		410x130
Tyre type		cushion		cushion
Max side/longitudinal tilt angle	degrees	2 / 3	2 / 3	1,5 / 2
Total weight	kg	2735	3085	2975



Standard equipment D-DE

- Front wheel steering
- Hydraulic transmission 2WD / 4 WD
- Negative parking brakes
- 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 cut out 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 levelling 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"

Optionals

- Non marking tyres (IT 10180 D - IT 12180 D)
- Air/oil exchanger
- Black tyres (IT 10180 DE - IT 12180 DE)

Benefits

- ✓ Extremely versatile model, for outdoor and indoor use (DE versions only) with no limitation of performance and on any terrain thanks to the oscillating axle and the four-wheel drive always engaged.
- ✓ 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
- ✓ Maximum load capacity and maximum number of people are totally authorized on the extension of the platform.

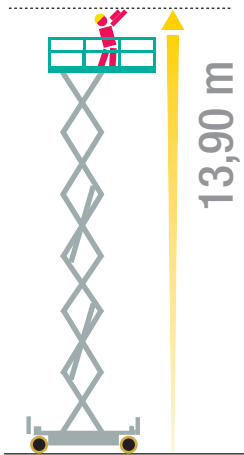
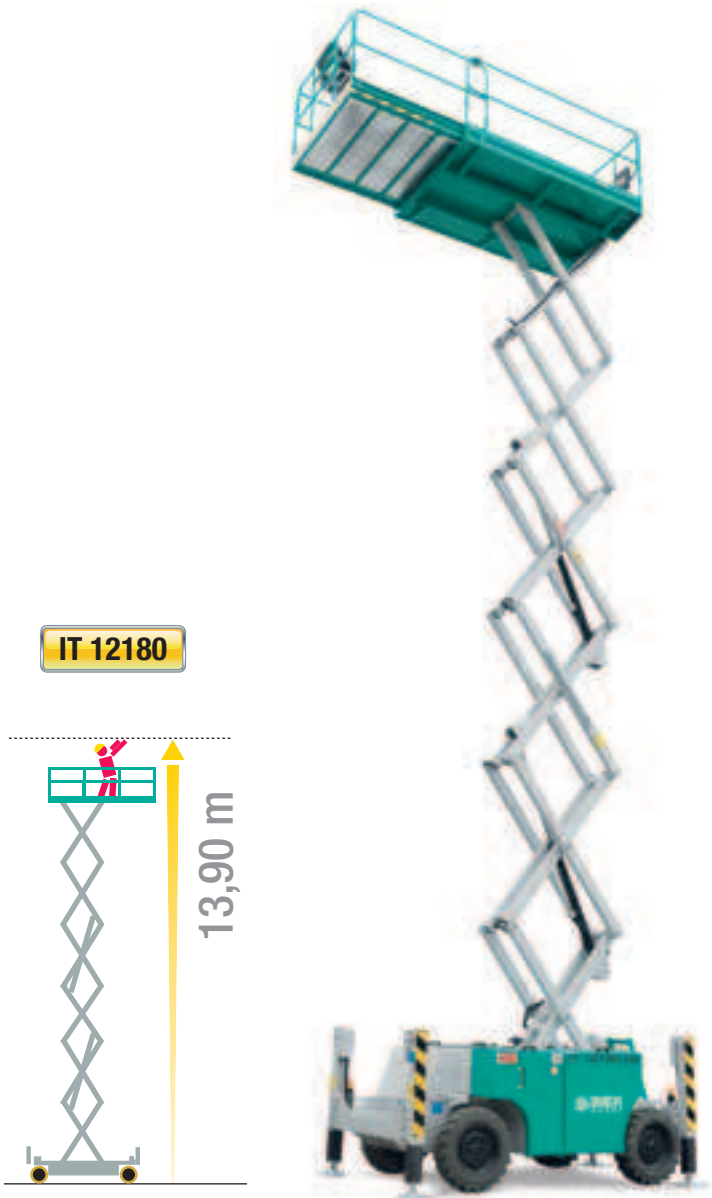


Sturdy, simple and intuitive control box on platform

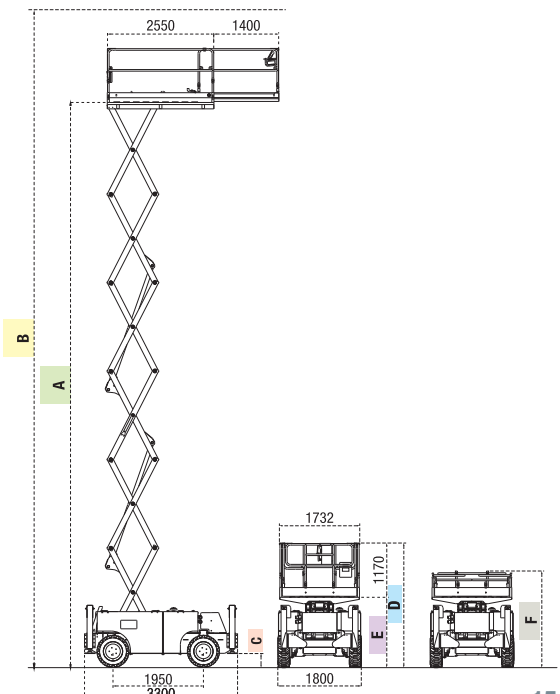


Manual deck extension 1.4 m

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	4650		4810	



Standard equipment

- 4WD hydrostatic transmission
- Negative parking brakes
- Mechanical wheel drive disengagement for emergency hauling
- Manual emergency lowering device
- Proportional controls
- Diagnostics and hour meter
- Cylinder holding valves
- Manual double asymmetric deck extension (2 m front + 0.9 m rear)
- Inclinator with motion cut out and alarms
- Audible motion alarm
- Mechanical scissor protection
- Removable control box
- Oscillating rear axle
- Fold down railings
- Overload sensor
- Flashing beacons
- 230V cable with plug socket and security cut-out
- Automatic hydraulic levelling outriggers
- Access by lateral double ladder

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"

Optional

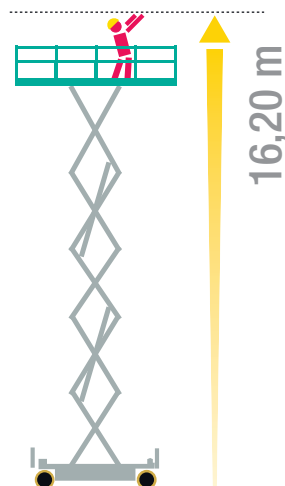
- Non marking tyres (IT 14220 D - IT 17220 D)
- Black tyres (IT 14220 E - IT 17220 E)



Benefits

- ✓ **Very compact dimensions: 2.20x3.92 m**
- ✓ Large working surface with total length of 6.8 m **(with double asymmetric deck extension).**
- ✓ **IT 14220: drivable with full rated load (800 kg) at full working height**
IT 17220: drivable with full rated load (540 kg) at full working height
- ✓ Extremely versatile model, suitable for indoor/outdoor use and all terrain, thanks to the oscillating axle and the four-wheel drive permanently engaged.
- ✓ Automatic levelling outriggers for levelling the machine on rough terrain **(on even ground the stabilization is not compulsory).**
- ✓ Internal turning radius of only 0.8 m and short overall length of the machine allow a high manoeuvrability.
- ✓ Maximum load capacity and maximum number of people are totally authorized on the extension of the platform.
- ✓ Rigid chassis and scissor pack.

IT 14220





Automatic levelling outriggers for uneven or inclined terrains.



Manual double asymmetric deck extension (2 m front + 0.9 m rear).

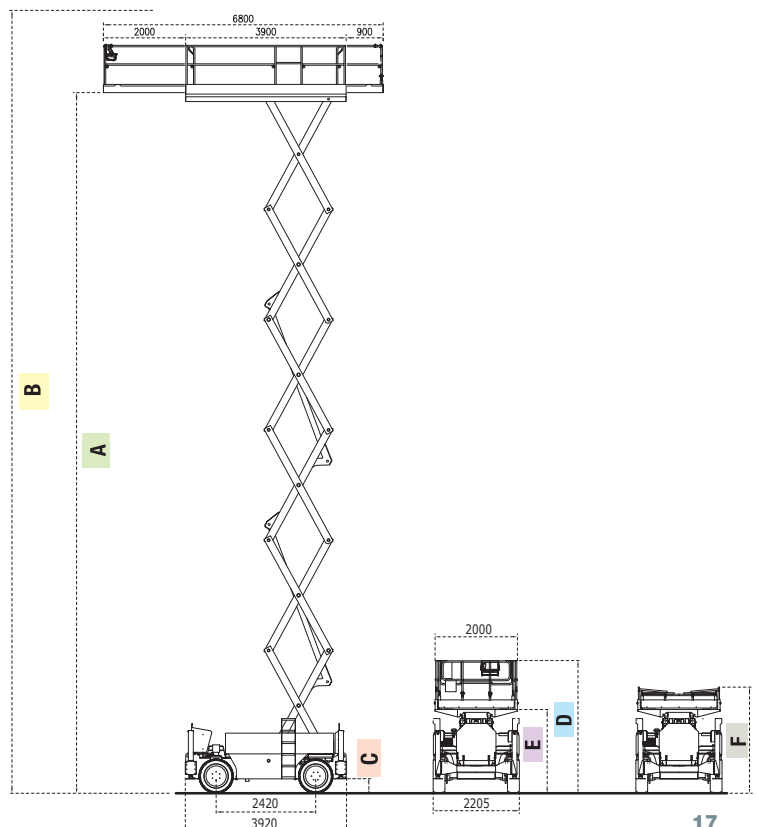


Compact dimensions (2.20x3.92 m).



Large working surface with double deck extension (total: 14 sq.m.). Access by lateral double ladder.

		IT 14220	IT 17220
Number of scissors		5	6
A	mm	14200	17000
B	mm	16200	19000
C	mm	340	340
D	mm	3010	3200
E	mm	1820	2000
F	mm	2215	2400
Max drive height		full	
Facultative stabilizers use up to max height			
Capacity (including 3 people)	kg	800	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	6 (Diesel) / 3.3 (Battery)	
Safety speed	km/h	Max. 0.6	Max. 0.5
Gradeability	%	45% (Diesel) / 30% (Battery)	
Max. Lateral inclination	degrees	2°	1.5°
Max. Longitudinal inclination	degrees	2°	
Internal turning radius	m	0.8	
External turning radius	m	4.2	
Tyre type		33x12-20"	
Tyre dimensions	mm	815 x 295	
Weight	kg	7950(D) / 8260(E)	8300(D) / 8600(E)



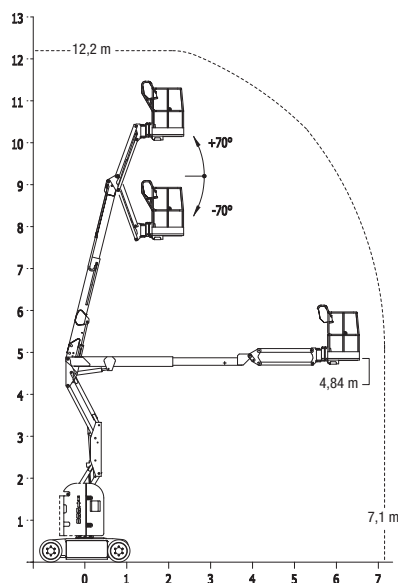
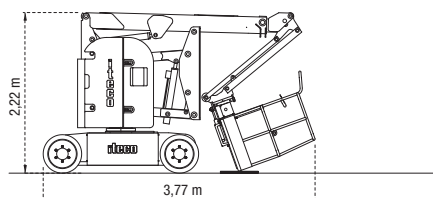
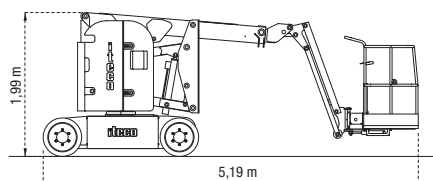
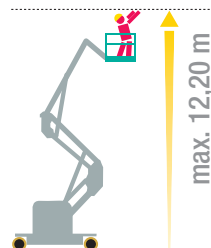
Standard equipment

- 2WD Electric traction motor
- Proportional MOSFET controls
- Simultaneous functions control (IT 150 E)
- Parking brakes with hydraulic release
- Mechanical wheel drive release for emergency hauling
- Cushion non marking tires 530 x 175 (IT 100 E), 620 x 200 (IT 150 E)
- Pothole protection (IT 100 E)
- Traction battery 48V (8x6V) - 300Ah (C5)
- Battery charger with automatic switch-off, 48V - 30A
- Battery control system with automatic cut out protection
- Battery centralized refill (IT 100 E)
- Battery disconnection plug
- 355° turret rotation
- Basket automatic levelling
- Basket hydraulic rotation
- Overload sensor on basket
- Inclinator with motion cut out and alarms
- Cylinder holding valve
- Manual emergency lowering device
- Double controls at basket and ground
- Horn, hour meter and flashing beacons
- 230V cable prearranged up to the basket
- CE – EN280 marking

Optionals

- 230 V cable with plug, socket and safety cut- out
- Working light
- Compressed air line
- Batteries' centralised automatic refilling (IT 150 E)
- Gel batteries

IT 100 E



Benefits

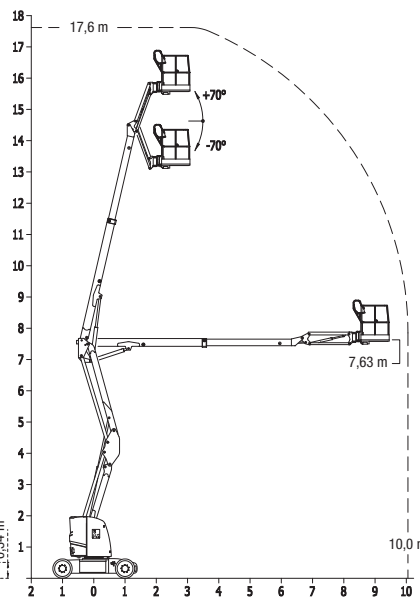
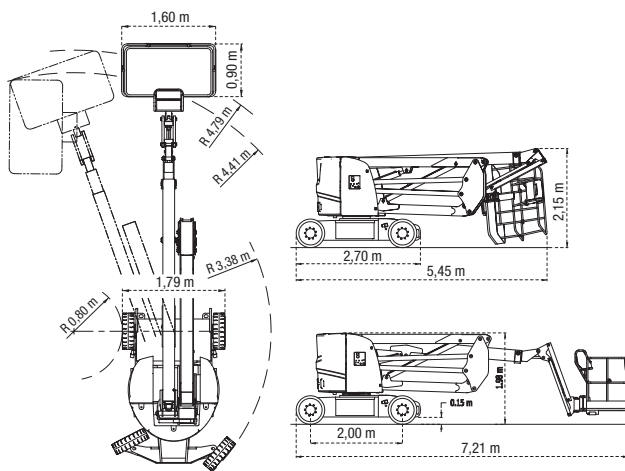
- ✓ Drivable at full height & outreach without any restriction.
- ✓ Electric drive motors: less consumption, more autonomy, and more sensitive manoeuvrability
- ✓ Zero tail swing
- ✓ Working height and outreach at the top for its class
- ✓ Electronic proportional controls for an enhanced motion efficiency
- ✓ Shortened overall transport length thanks to retractable basket
- ✓ Tight turning radius (70° wheel rotation + turret counter rotation)
- ✓ Outdoor use allowed

Only IT 150 E

- ✓ Simultaneous functions controls for turret rotation and traction in stowed position
- ✓ Wide working basket 1600 x 900 mm

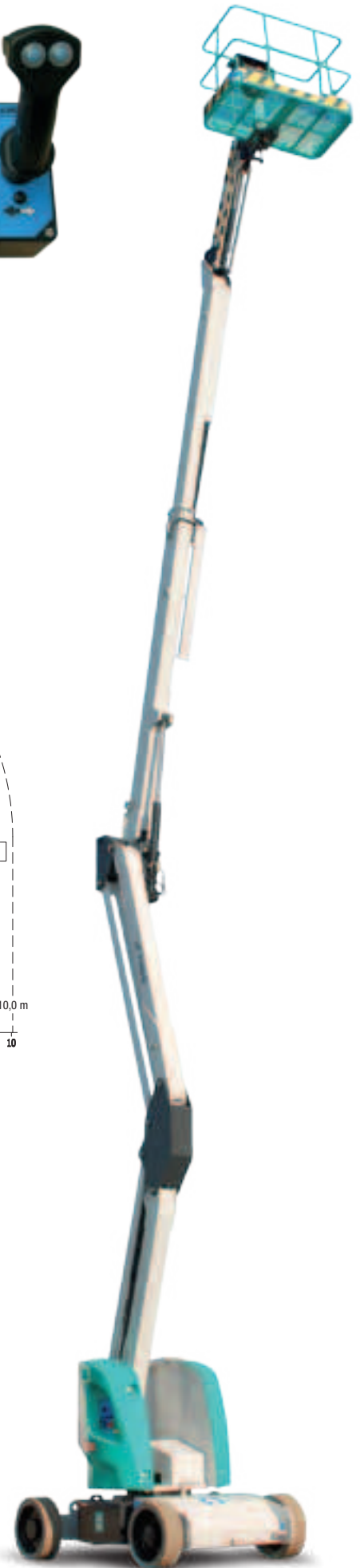
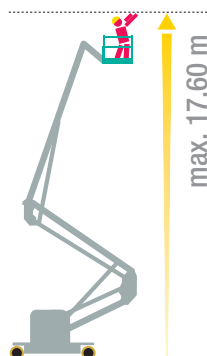


Control box IT 150 E



		IT 100 E	IT 150 E
Working height	mm	12200	17600
Basket height	mm	10200	15600
Machine width	mm	1200	1790
Basket dimensions	mm	1170 x 750	1600 x 900
Turret rotation		355°	
Basket rotation		140°	
Basket levelling		automatic	
Capacity	kg	220	
Controls		proportional with diagnostic	
Tail swing		zero	
Battery voltage	V	48	
Battery capacity	Ah	300 (C5)	
Traction speed	km/h	4	
Traction speed (safety)	km/h	0.6	
Tyres	mm	530 x 175	620 x 220
Total weight	kg	6840	7900
Gradeability		25%	20%
Internal steering radius	m	1.70	0.80
External steering radius	m	3.50	4.79 (4.41)

IT 150 E



Full Range

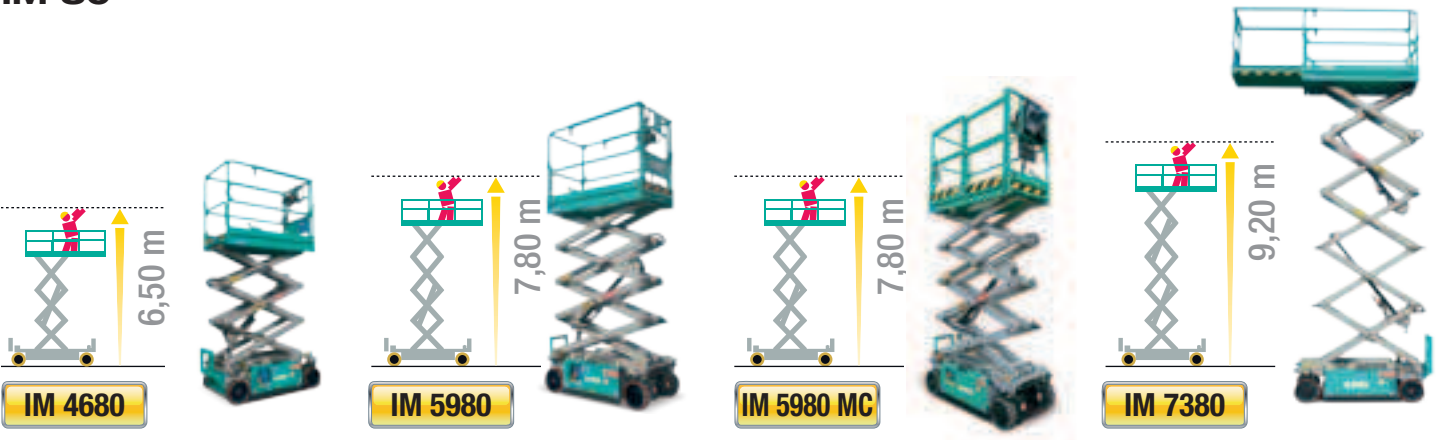
Mini Scissor Lifts

Easy Up 5 / Easy Up 5 Picking



Electric Scissor Lifts

IM 80



IM 90

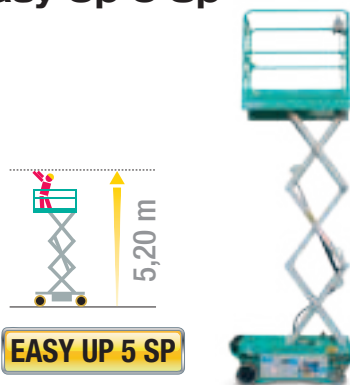


IT122



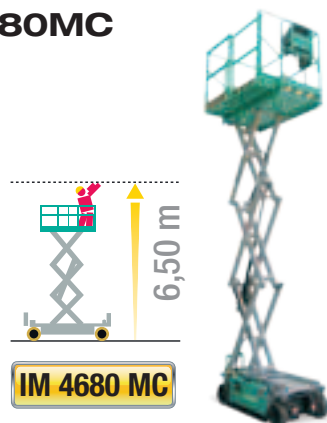
Mini Scissor Lifts

Easy Up 5 Sp

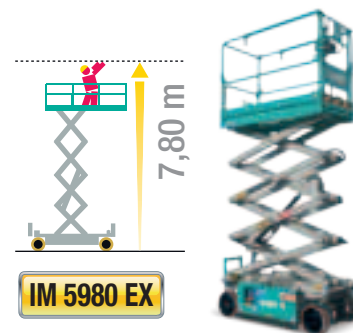


Electric Scissor Lifts

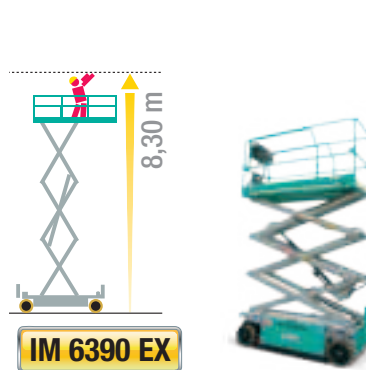
IM 80MC



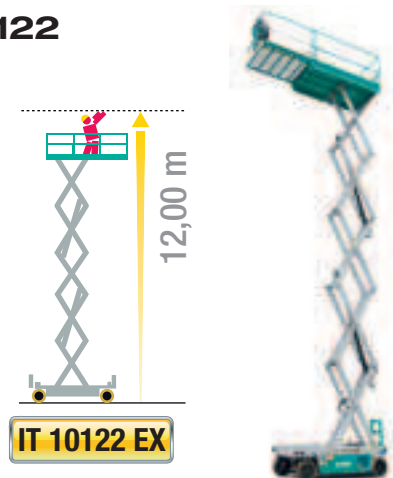
IM 80



IM 90

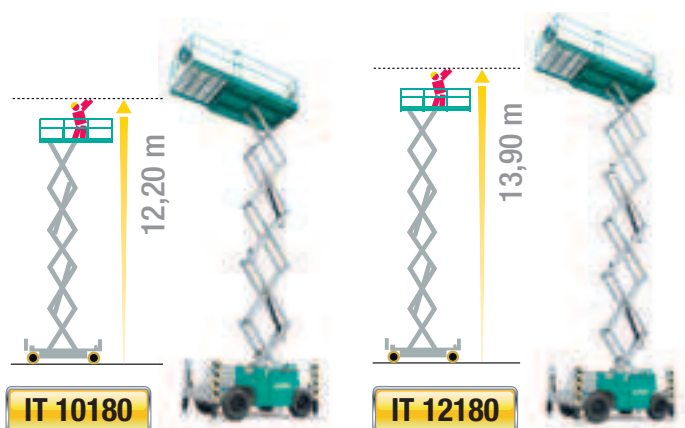


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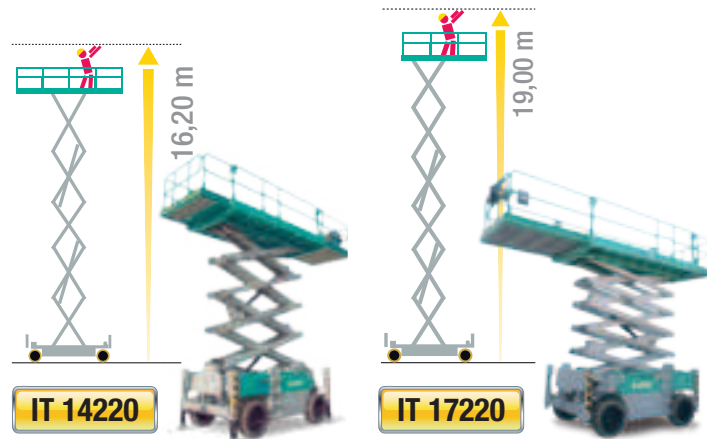


Diesel-Electric Scissor Lifts

IT180

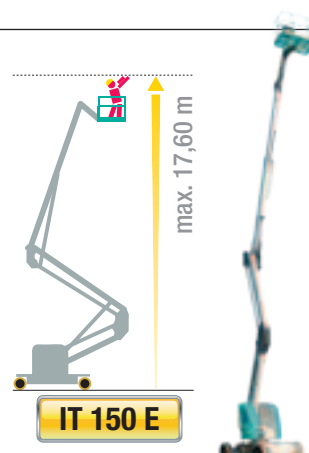
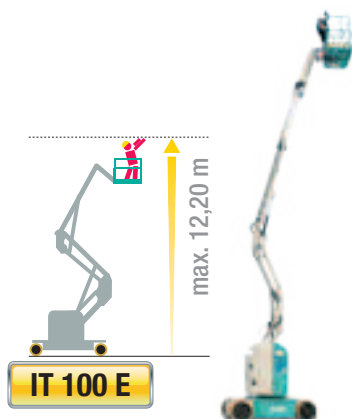


IT220

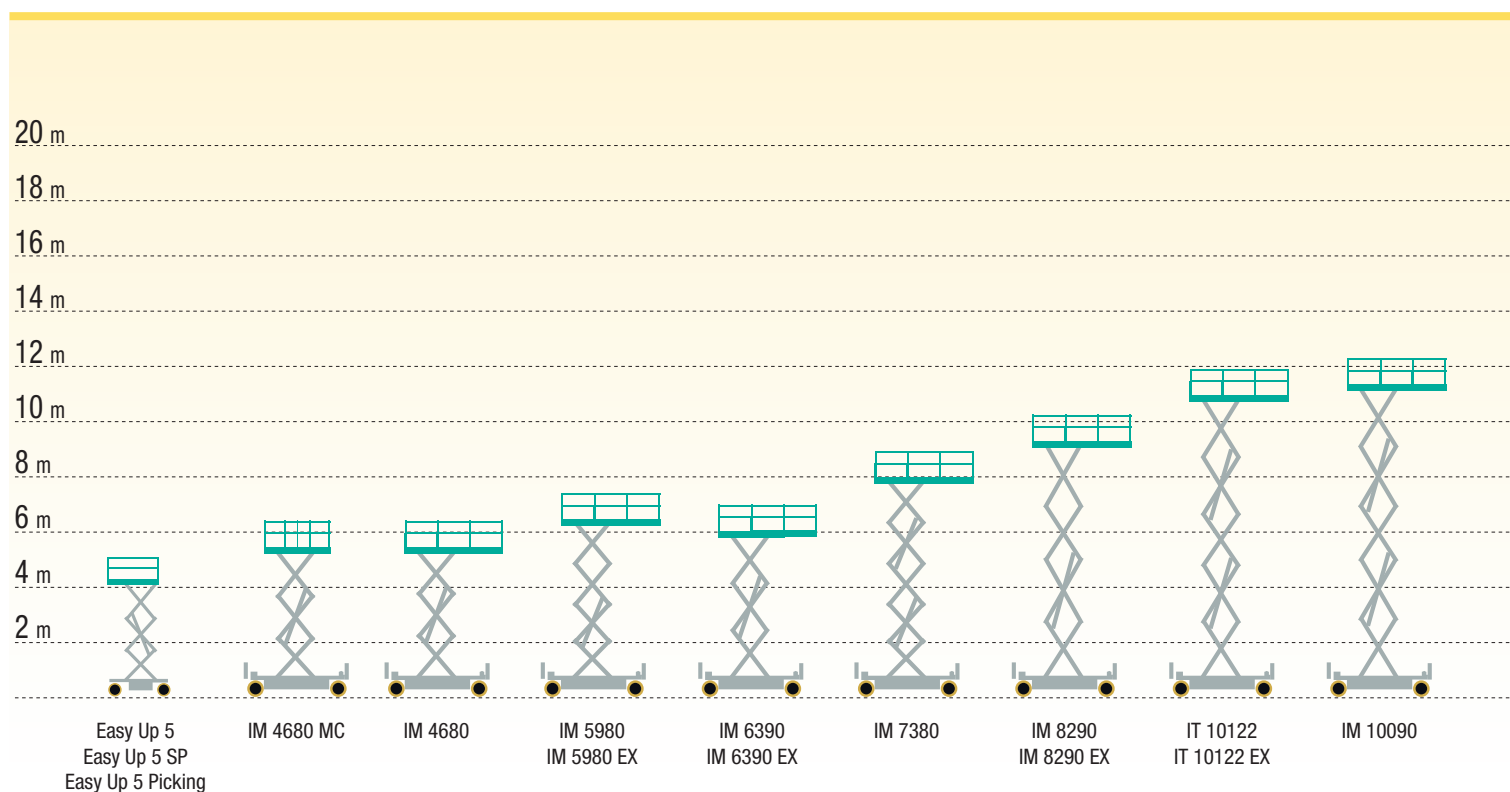


Articulated Boom Lifts

IT 100 / 150 E



Models / heights diagram



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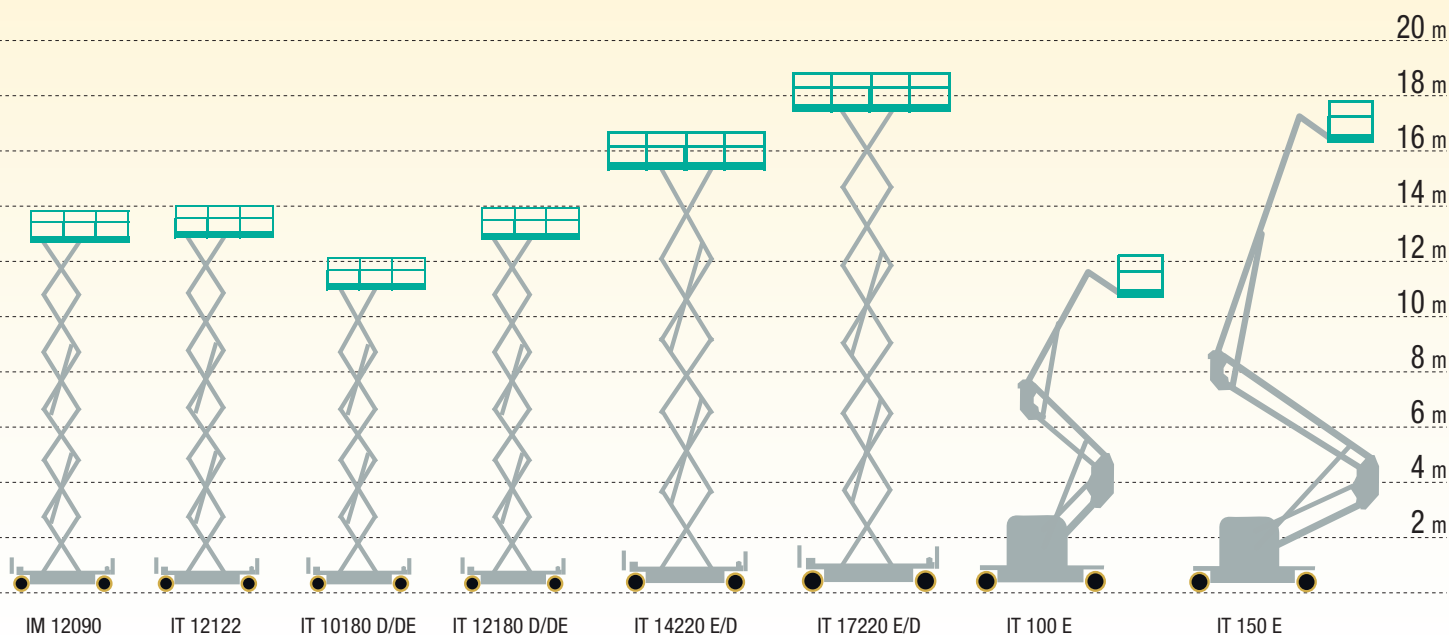
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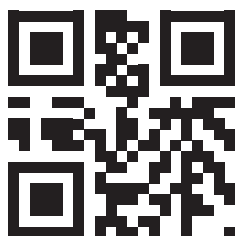
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