



SPIDER LIFTS

Table of Contents

IMER Group	1
IM R 13 T	2
IM R 15 DA	6
IM R 19 SA EVO	10
IM R 20 DA	14
IM R 23 DA	18
Comparative table	22
IMERVIEW	23
Useful Addresses / Branch Offices	24
IMER On Line	25



LEGAL NOTICES

Data, descriptions and images of the products present in the catalog/price list are for illustrative purposes only and purely indicative. The products represented may therefore not be updated to the latest models of machines, accessories and equipment produced by IMER International S.p.A.

The images and descriptions of the products must not be understood as indications of use, maintenance, installation and set-up, for which it is necessary to refer to the technical use and maintenance manuals of the products.


OUR MISSION


IMER Group is an Italian company founded in 1962, **European leading manufacturer of construction machinery and equipment**. Our mission has always been to provide the building site professionals with the highest quality products, reducing physical effort and achieving higher performances. The IMER products cover all the building site's needs: from production, laying and transport of mortar and concrete to the handling of loads, from the cutting of materials and surfaces to soil compaction, from lifting of people to earthmoving.

THE PRODUCT DIVISIONS

With **over 700 employees**, the Group has **5 production plants**, **5 foreign sales branches** and a dealer network that covers all of the continents. IMER Group is organized in **4 product Divisions**: IMER EQUIPMENT (machines and equipment for construction sites), IMER ACCESS (aerial platforms), IMER CONCRETE (batching plants and truck mixers), KATO IMER (earthmoving machines). Each of our plants has a team of specialized designers, with the aim of making work on construction sites more and more safe and efficient thanks to the continuous innovations implemented on our machines.



 Pegognaga (Mantova)

 15,000 sq.m. of surface,
4,700 sq.m. indoors

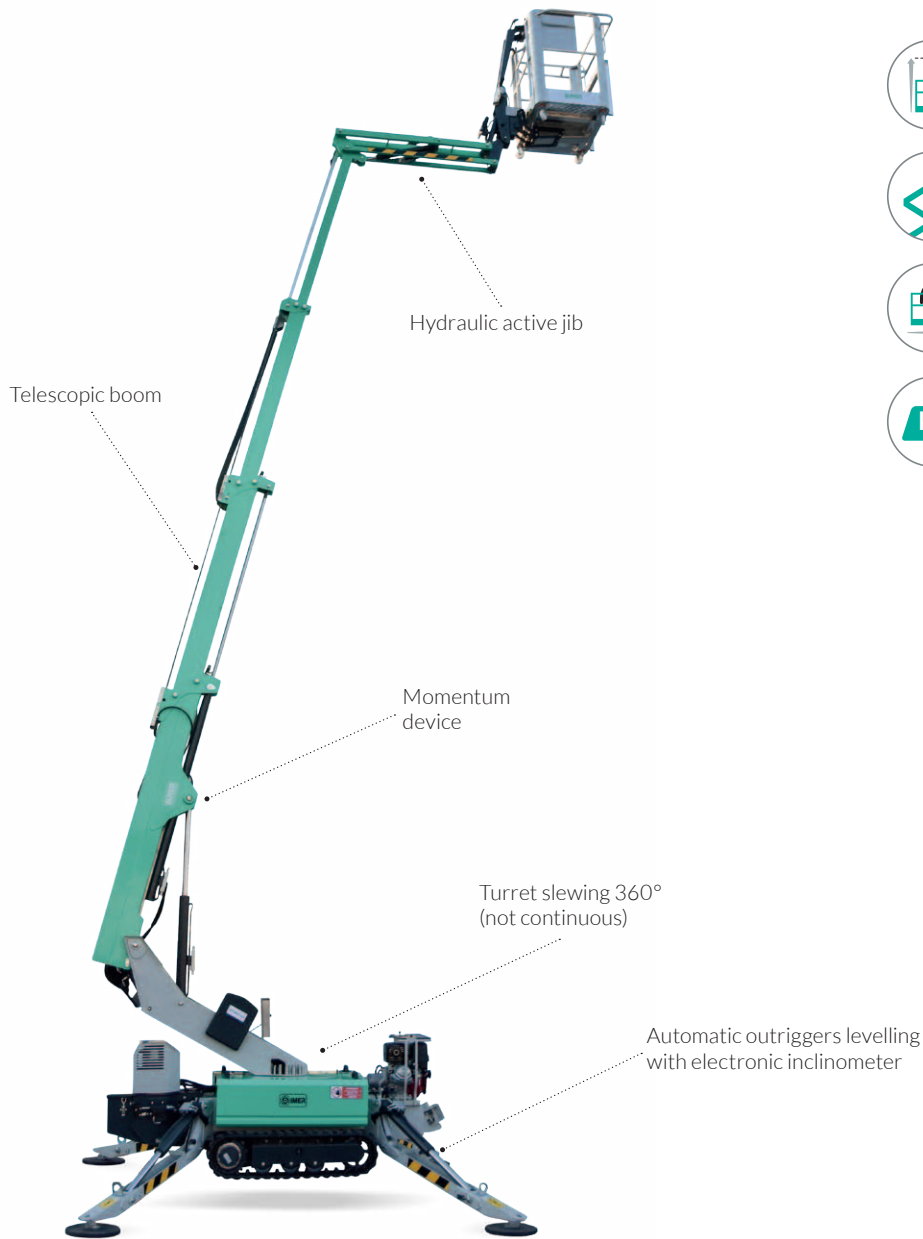
IMER Access is the IMER Group's Division which deals with machines for lifting people and materials.





We manufacture four types of **aerial platforms**: Mini scissor lifts, Electric scissor lifts, Rough Terrain bi-energy diesel-electric scissor lifts and Spider lifts. These models differ in order to meet a variety of work requirements: for indoor and indoor/outdoor use, with electric, diesel or dual energy.

Our platforms provide the most suitable solutions for working at height.

IMER Access is also an IPAF (International Powered Access Federation) training centre and runs courses to educate workers in the sector according to the latest safety standards. Keeping an eye on this aspect allows the Access Division to design machines that meet real operating needs and to solve the users' problems.

IM R 13 T



-  Max working height
13 m
-  Boom type
Telescopic
-  Side outreach
5.5 m / 230 kg
6.3 m / 140 kg
6.8 m / 90 kg
-  Capacity
230 kg

STANDARD EQUIPMENT

- Automatic levelling outriggers
- Emergency hand pump
- Cylinder holding valve
- Hour meter
- Momentum device
- Load cell
- Hydraulic Jib
- Rubber tracks
- 230V - 16 A electro-pump for indoor use
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform
- Honda GX390 petrol engine - 8.7 kW 3600 rpm
- Removable wired control box

OPTIONALS

- 12V emergency electro-pump
- Hydraulically adjustable tracks width
- Working light in the platform
- Non-marking rubber tracks
- Oversized outrigger pads (Ø 350 mm)
- Wireless radio-control box
- IMERVIEW kit

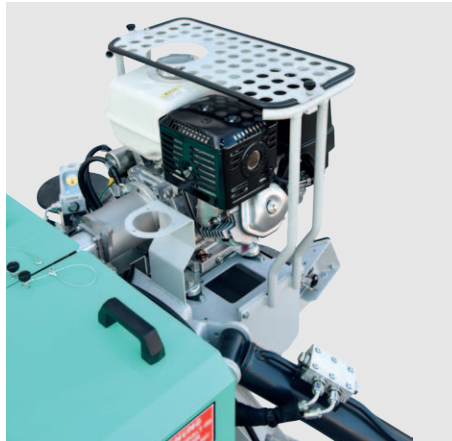
BENEFITS

- ✓ Removable wired control panel for remote control of the platform during translation.
- ✓ Electro-hydraulic controls: efficiency and safety for the operators.
- ✓ Automatic levelling outriggers: maximum easiness of use and safety.
- ✓ Permanent weight control device and momentum device for improved safety and performance.
- ✓ Turret slewing 360° (not continuous): aerial accessibility in any work situation.
- ✓ Compact overall sizes and reduced stabilization footprint (2.7 x 2.8 m).
- ✓ Aluminium platform 1.30 x 0.75 x 1.10 m.
- ✓ Reduced weight (1500 kg) for maximum transportability.
- ✓ Hydraulically adjustable tracks width (optional): higher stability and greater traction to move around the building site and rough terrain.

IMR 13 T



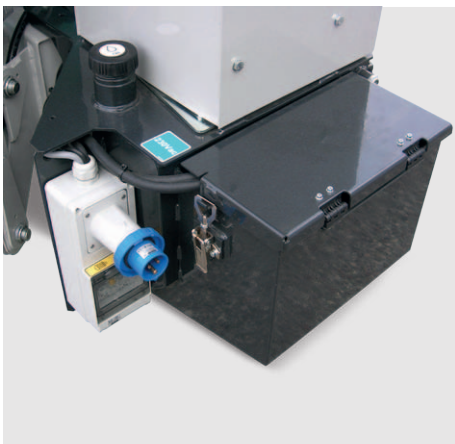
User-friendly control panel with external support to the basket. More space available in the basket.



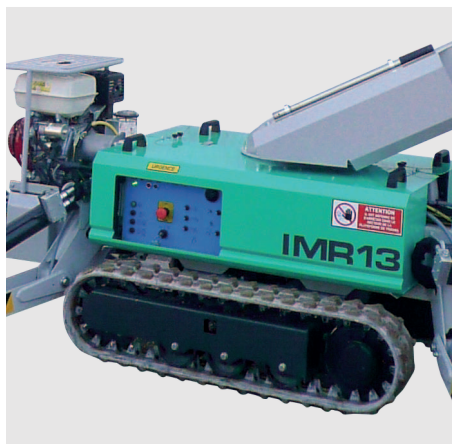
Endothermic power pack dully guarded for improved safety.



Compactness of the jib assembly hosting the load cell and basket quick mounting system.



Magneto-thermic switch panel and power line inlet.



Ground control panel easy to access and protected inside frame guards.



The compact size and reduced weight allow easy movement of the machine and make it possible to place it even in tight places. The platform can be also transported with small vehicles.



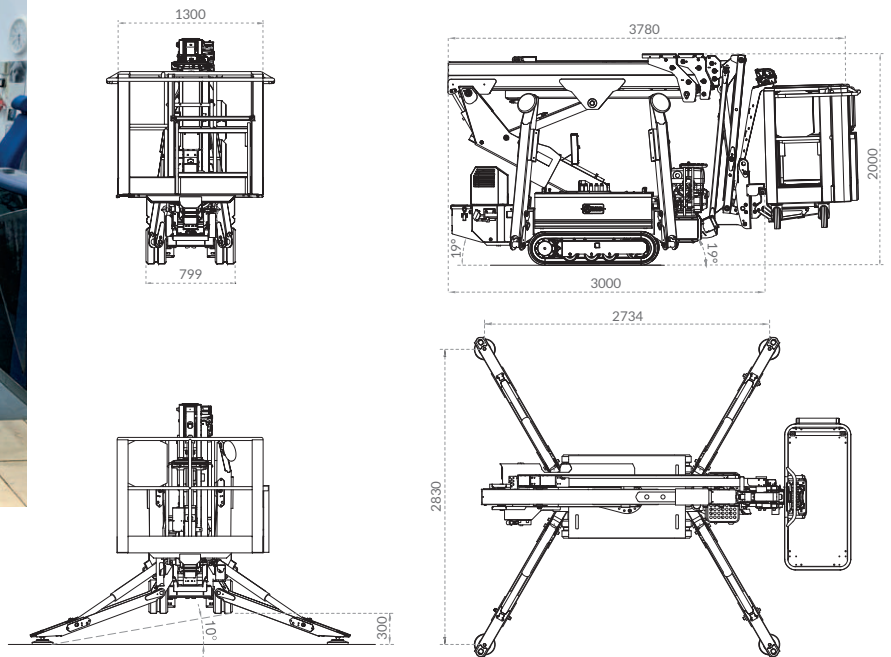
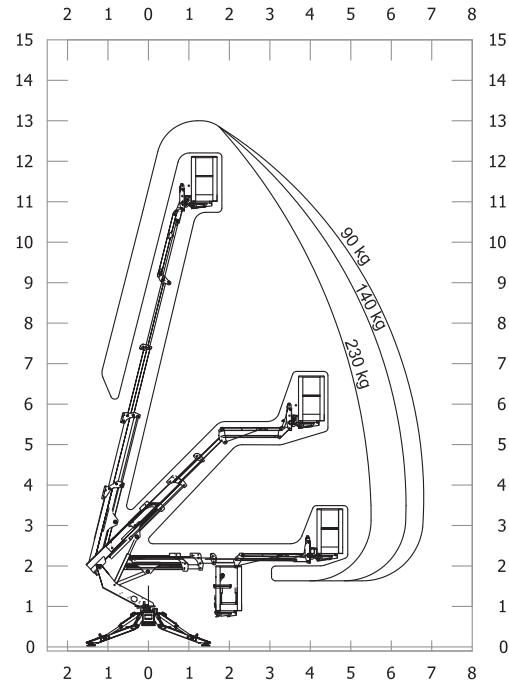
Automatic stabilization in work position ensures maximum easiness of use and safety.

IM R 13 T

Thanks to the compact size and reduced weight, it can be easily transported and can access tight working areas. The proportionality of the electro-hydraulic controls ensures extreme precision of the movements. The turret slewing 360° (not continuous) allows, together with the active jib, an excellent positioning of the machine in the various work phases.



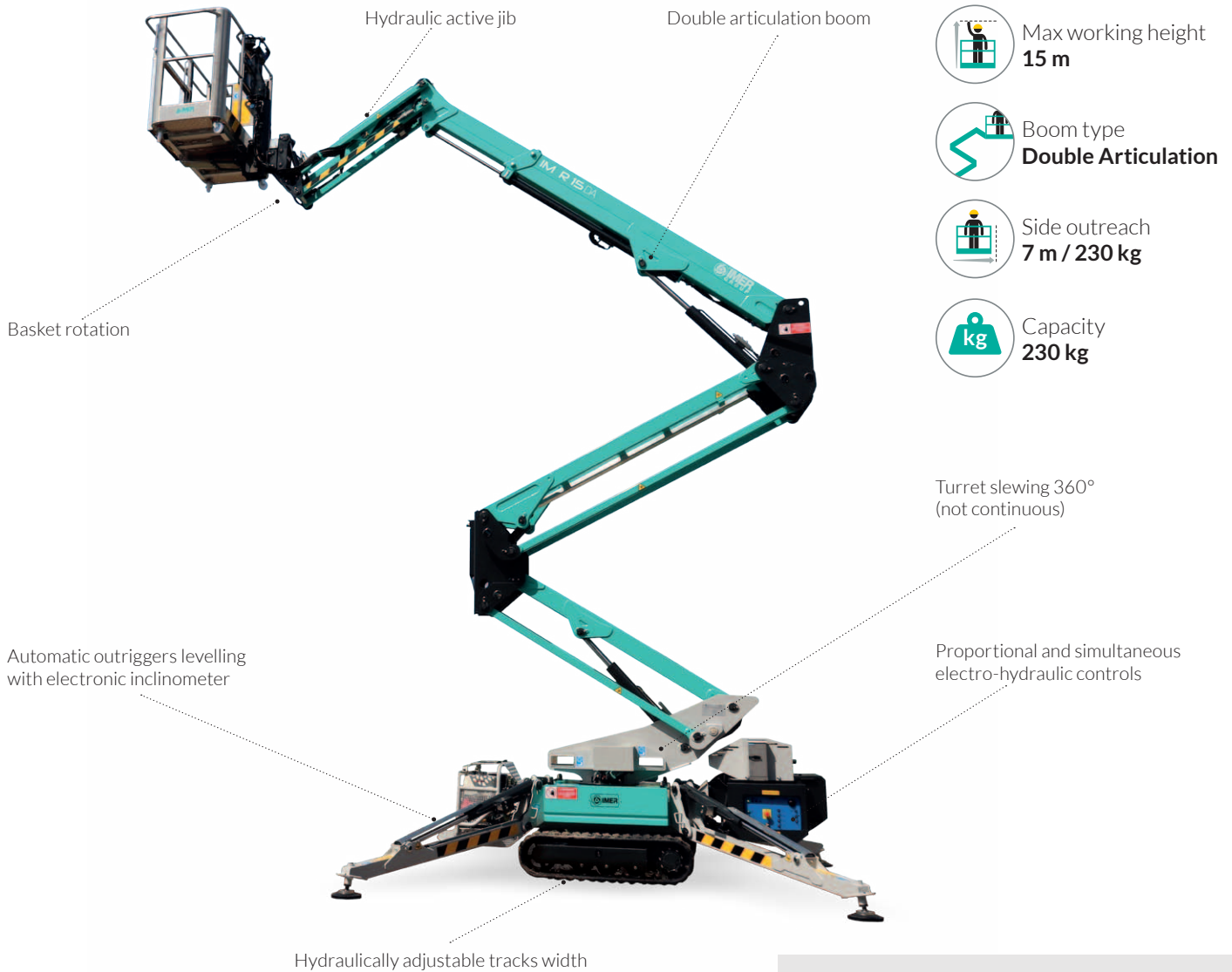
IMR 13T



		IMR 13T	
Working height	m	13	
Platform height	m	11	
Side outreach	m/kg	5.5 / 230 - 6.3 / 140 - 6.8 / 90	
Turret slewing	(°)	360 (not continuous)	
Basket dimensions	m	1.30 x 0.75 x 1.10	
Overall outrigger footprint	m	2.73 x 2.83	
Driving speed fixed/variable	km/h	1.3 / 2.3	
Gradeability	%	27	
Platform capacity	kg	230	
Electric motor	V/kW	230 / 2.2	
Petrol engine Honda GX390	kW/rpm	8.7 / 3600	
Transport length (without basket)	m	3.80 (3.00)	
Transport width (with extended tracks)	m	0.79 (1.10)	
Stowed height	m	1.99	
Total weight of the machine	kg	1500*	

*1550 kg with hydraulically adjustable tracks

IM R 15 DA



STANDARD EQUIPMENT

- Automatic outriggers levelling with electronic inclinometer
- Outrigger pads (Ø 200 mm)
- Emergency hand pump
- Cylinder holding valve
- Electronic hour meter
- Load cell
- Hydraulic Jib
- Rubber tracks
- Hydraulically adjustable tracks width
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform
- Removable wired control box (5 m cable)

PETROL/DIESEL EQUIPMENT

- Honda GX390 petrol engine - 8.7 kW 3600 rpm
- Yanmar L100N diesel engine - 6.5 kW 3600 rpm
- 230V - 16 A electro-pump for indoor use

LITHIUM EQUIPMENT

- Lithium batteries 48V / 120Ah
- Electric motor 48V / 4 kW AC low voltage

OPTIONALS

- Double speed traction
- Non-marking rubber tracks
- Oversized outrigger pads (Ø 350 mm)
- Wireless radio-control box
- Working light in the platform
- Aluminium basket (0.90 x 0.70 x 1.10 m)
- Winch kit
- IMERVIEW kit

PETROL/DIESEL OPTIONALS

- 12V emergency electro-pump

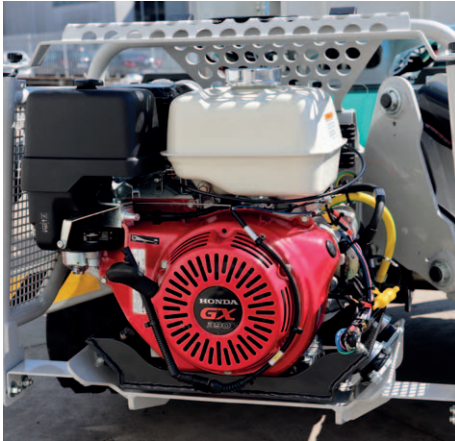
LITHIUM OPTIONALS

- 48V emergency electro-pump

BENEFITS

- ✓ Double articulation boom with active jib for a high operability in all construction site conditions.
- ✓ Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.
- ✓ State-of-the-art removable control panel: fast and versatile use of the machine.
- ✓ Proportional and simultaneous electro-hydraulic controls: efficiency and safety for operators.
- ✓ Automatic outriggers levelling: maximum easiness of use and safety.
- ✓ Permanent weight control device for improved safety and performance.
- ✓ Turret slewing 360° (not continuous): outstanding aerial accessibility in any work situation.
- ✓ Basket rotation $\pm 62^\circ$: complete placement on working site in any condition.
- ✓ Compact size, with limited overall outrigger footprint.
- ✓ Engine guarded for safety and working protection.
- ✓ Aluminium basket 1.40 x 0.70 x 1.10 m.
- ✓ Innovative design with fully enclosed structure.
- ✓ Lithium batteries and AC electric motor for high performance (IM R 15 DA Lithium).
- ✓ Possibility to operate from the power network and simultaneously charge the battery (IM R 15 DA Lithium).

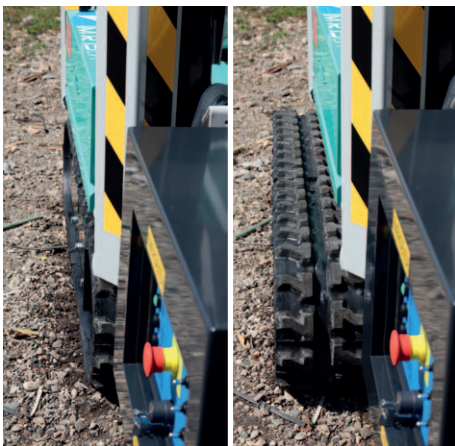
IM R 15 DA



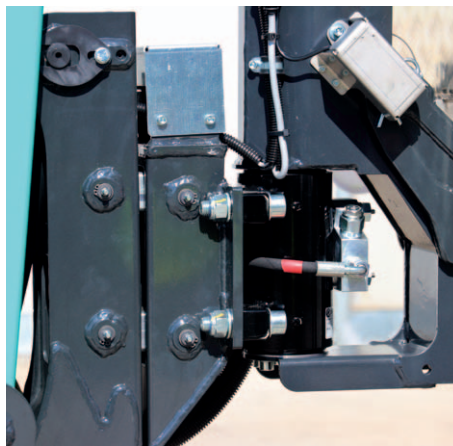
Engine protected by a sturdy structure that avoids damage in case of falling material.



Manual emergency pump and compartment hosting the battery and the control of emergency electro-pump and battery connection.



Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.



Compactness of the jib assembly hosting the load cell and basket rotation.



The Up & Over height of 7 m allows to easily overcome obstacles at height.



Lithium batteries compartment: protected and easily accessible for the charging cycle management. LCD display for charging status and remaining battery time (IM R 15 DA Lithium).



The control panel is removable and can be used by the operator even on the ground. In this case, the traction and stabilization movements are enabled both in the radio-controlled version (up to a distance of 10 m) and in the wire-controlled version (with 5 m coiled cable).



User-friendly control panel with external support to the basket.

IM R 15 DA

It can reach a working height of 15 m, with maximum capacity of 230 kg and a single working curve. The compact dimensions of the machine are ideal to ensure maximum accessibility in any working site. Particularly suitable for indoor and outdoor use, both for construction work and for maintenance of buildings, interiors and green.



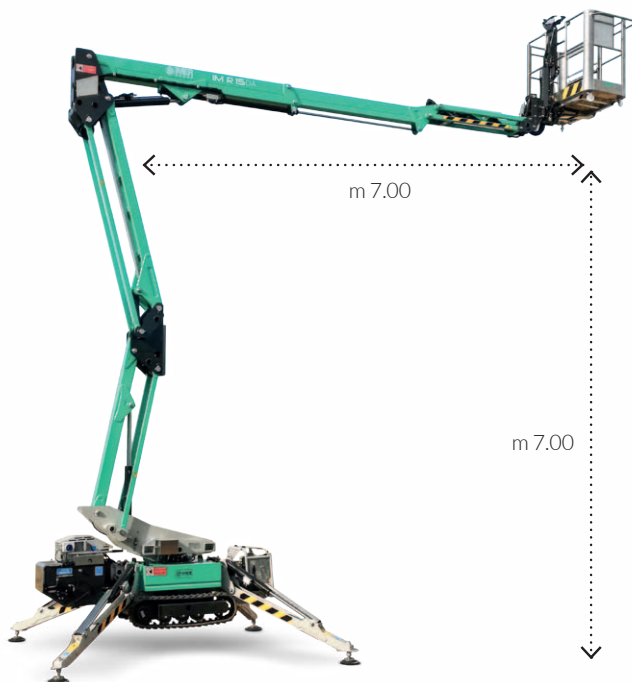
IM R 15 DA



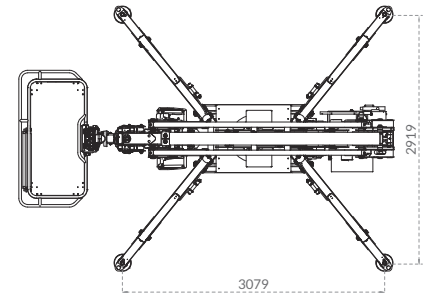
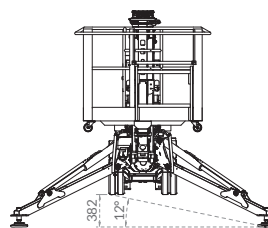
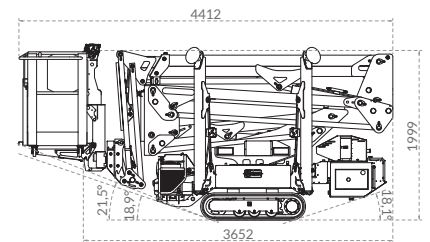
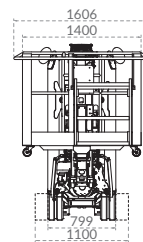
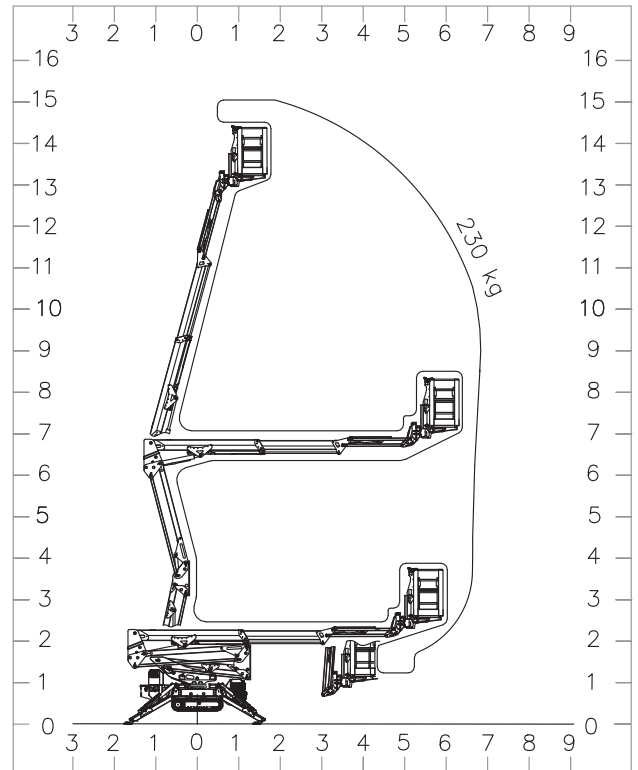
Compact and handy machine.



45° stabilization in limited overall outrigger footprint.

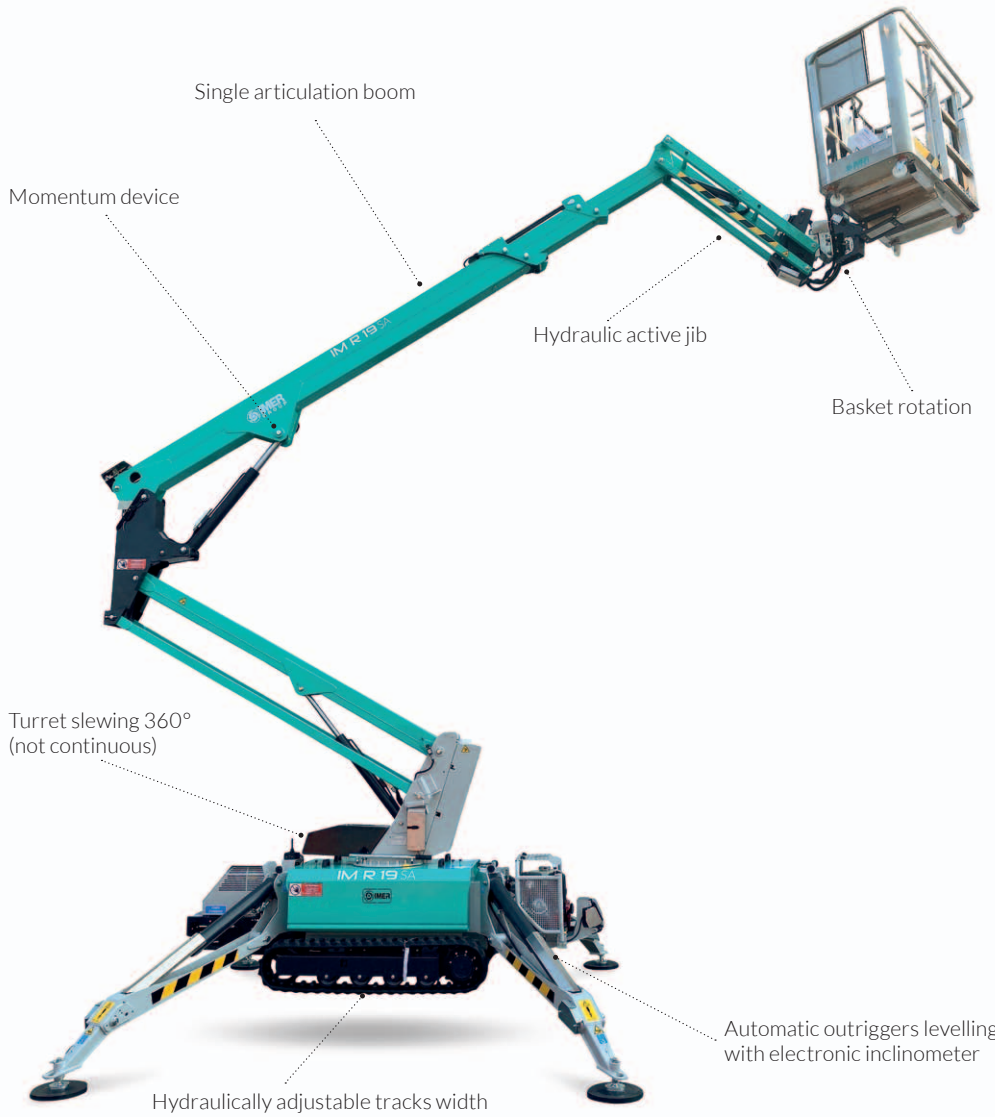






Side outreach and articulation height 7 m x 7 m, which ensure an optimal working area in any operational situation.



		IM R 15 DA	IM R 15 DA Lithium
Working height	m	15.1	15.1
Platform height	m	13.1	13.1
Side outreach	m/kg	7.00 / 230	7.00 / 230
Up & Over	m	7	7
Turret slewing	(°)	360 (not continuous)	360 (not continuous)
Basket dimensions	m	1.40 x 0.70 x 1.10	1.40 x 0.70 x 1.10
Overall outrigger footprint	m	2.92 x 3.08	2.92 x 3.08
Driving speed standard/optional	km/h	1.6 / 2.6	1.2 / 2.2
Gradeability	%	30	30
Platform capacity	kg	230	230
Electric motor	V/kW	230 / 2.2	48 / 4 AC low voltage
Petrol engine Honda GX390	kW/rpm	8.7 / 3600	-
Diesel engine Yanmar L100N	kW/rpm	6.5 / 3600	-
Lithium batteries	V/Ah	-	48 / 120
Lithium batteries charger	V/A	-	48 / 50
Transport length (without basket)	m	4.40 (3.65)	4.40 (3.65)
Transport width (with extended tracks)	m	0.79 (1.10)	0.79 (1.10)
Stowed height (with outrigger pads)	m	1.99 (2.05)	1.99 (2.05)
Total weight of the machine	kg	2030 (petrol) 2060 (diesel)	2060

IM R 19 SA EVO



-  Max working height
19 m
-  Boom type
Single Articulation
-  Side outreach
7.7 m / 230 kg
8.7 m / 140 kg
9.3 m / 90 kg
-  Capacity
230 kg

STANDARD EQUIPMENT

- Automatic levelling outriggers
- Emergency hand pump
- Cylinder holding valve
- Hour meter
- Momentum device
- Load cell
- Hydraulic Jib
- Rubber tracks
- Hydraulically adjustable tracks width
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform
- Removable wired control box
- Double speed traction

PETROL/DIESEL EQUIPMENT

- Honda GX390 petrol engine - 8.7 kW 3600 rpm
- Yanmar L100N diesel engine - 6.5 kW 3600 rpm
- 230V - 16 A electro-pump for indoor use

LITHIUM EQUIPMENT

- Lithium batteries 48V / 120Ah
- Electric motor 48V / 4 kW AC low voltage

OPTIONALS

- Non-marking rubber tracks
- Oversized outrigger pads (Ø 350 mm)
- Wireless radio-control box
- Working light in the platform
- Winch kit
- IMERVIEW kit

PETROL/DIESEL OPTIONALS

- 12 V emergency electro-pump

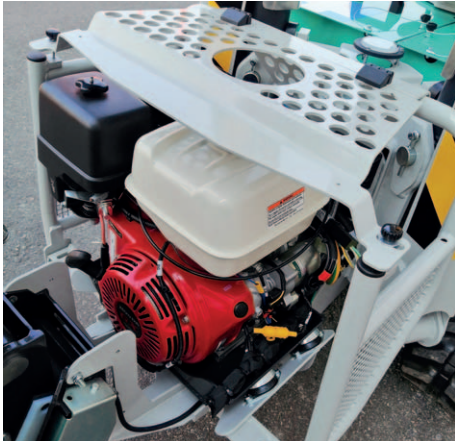
LITHIUM OPTIONALS

- 48V emergency electro-pump

BENEFITS

- ✓ Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.
- ✓ State-of-the-art removable control panel: fast and versatile use of the machine.
- ✓ Proportional and simultaneous electro-hydraulic controls: efficiency and safety for operators.
- ✓ Automatic levelling outriggers: maximum easiness of use and safety.
- ✓ Permanent weight control device and momentum device for improved safety and performance.
- ✓ Turret slewing 360° (not continuous): outstanding aerial accessibility in any work situation.
- ✓ Basket rotation ± 62°: complete placement on working site in any condition.
- ✓ Compact size, with limited overall outrigger footprint.
- ✓ Engine guarded for safety and working protection.
- ✓ Aluminium platform 1.40x0.70x1.10 m.
- ✓ Lithium batteries and AC electric motor for high performance (IM R 19 SA EVO Lithium).
- ✓ Possibility to operate from the power network and simultaneously charge the battery (IM R 19 SA EVO Lithium).

IM R 19 SA EVO



Engine protected by a sturdy structure that avoids damage in case of falling material.



Basket mounting system designed for easiness of assembly.



Compactness of the jib assembly hosting the load cell and basket rotation.



User-friendly control panel with external support to the basket. More space available in the basket.

The articulated arm with active jib and the basket rotation $\pm 62^\circ$, together with the turret slewing 360° (not continuous), allow the optimal positioning of the machine in any working situation.



Lithium batteries compartment: protected and easily accessible for the charging cycle management. LCD display for charging status and remaining battery time (IM R 19 SA EVO Lithium).



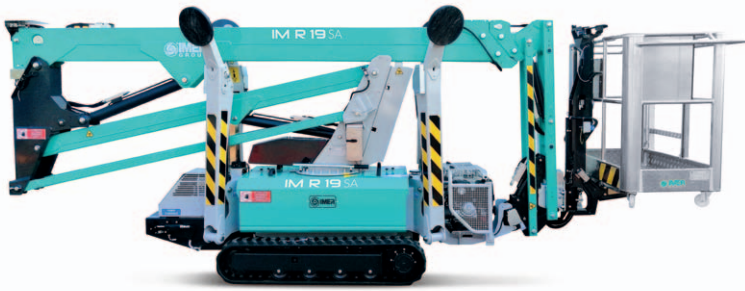
Compact size, with limited overall outrigger footprint. The standard automatic stabilization allows optimal and rapid positioning of the machine.

IM R 19 SA EVO

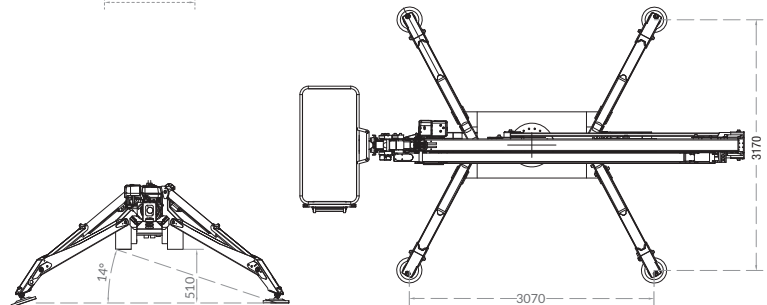
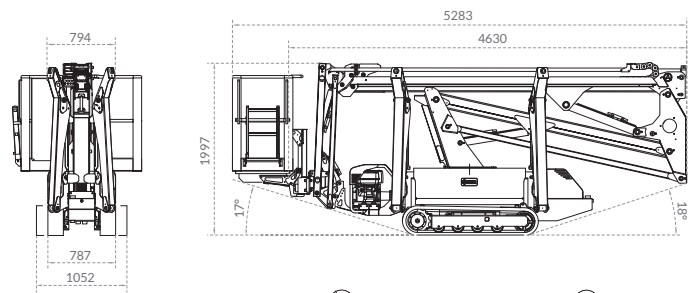
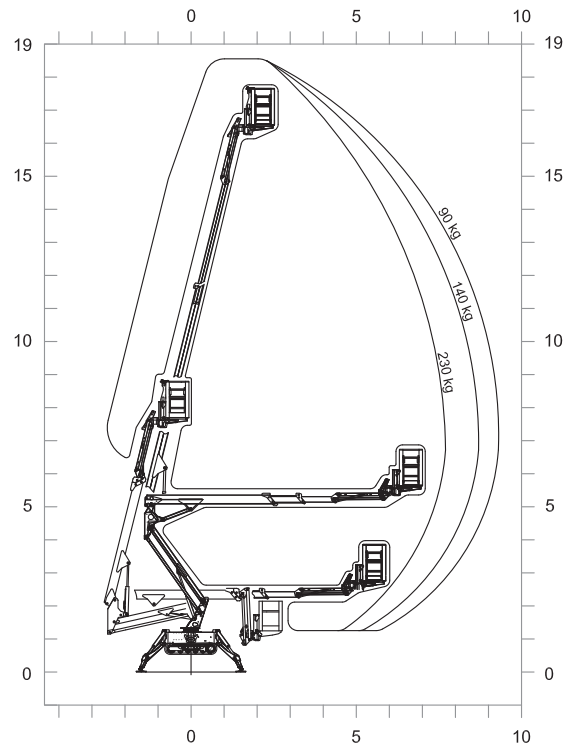
Power, agility and zero emissions are the distinguishing features of the version with lithium batteries. Ideal for working indoors. The operator can operate from the power network and simultaneously charge the battery.



IM R 19 SA EVO







The compact size makes handling easy. The control panel is removable and can be used by the operator even on the ground for traction and stabilization.



		IM R 19 SA EVO	IM R 19 SA EVO Lithium
Working height	m	19	19
Platform height	m	17	17
Side outreach	m/kg	7.7 / 230	7.7 / 230
		8.7 / 140	8.7 / 140
		9.3 / 90	9.3 / 90
Up & Over	m	5	5
Turret slewing	(°)	360 (not continuous)	360 (not continuous)
Basket dimensions	m	1.40 x 0.70 x 1.10	1.40 x 0.70 x 1.10
Overall outrigger footprint	m	3.07 x 3.17	3.07 x 3.17
Driving speed	km/h	2	1.4
Gradeability	%	32	32
Platform capacity	kg	230	230
Electric motor	V/kW	230 / 2.2	48 / 4 AC low voltage
Petrol engine Honda GX390	kW/rpm	8.7 / 3600	-
Diesel engine Yanmar L100N	kW/rpm	6.5 / 3600	-
Lithium batteries	V/Ah	-	48 / 120
Lithium batteries charger	V/A	-	48 / 50
Transport length (without basket)	m	5.30 (4.60)	5.30 (4.60)
Transport width (with extended tracks)	m	0.79 (1.06)	0.79 (1.06)
Stowed height (with outrigger pads)	m	1.99 (2.10)	1.99 (2.10)
Total weight of the machine	kg	2435 (petrol)	2470
		2465 (diesel)	

IM R 20 DA



-  Max working height
20 m
-  Boom type
Double Articulation
-  Side outreach
10 m / 230 kg
-  Capacity
230 kg

STANDARD EQUIPMENT

- Automatic outriggers levelling with electronic inclinometer
- Outrigger pads (Ø 200 mm)
- Emergency hand pump
- Cylinder holding valve
- Electronic hour meter
- Momentum device
- Load cell
- Hydraulic Jib
- Rubber tracks
- Hydraulically adjustable tracks width
- Double speed traction
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform
- Wireless radio-control box
- Upper control box cover

PETROL/DIESEL EQUIPMENT

- Honda GX390 petrol engine - 8.7 kW 3600 rpm
- Kubota Z602 diesel engine - 12.5 kW 3600 rpm
- 230V - 16 A electro-pump for indoor use

LITHIUM EQUIPMENT

- Lithium batteries 48V / 110Ah
- Electric motor 48V / 4.5 kW AC low voltage

HYBRID EQUIPMENT

- Lithium batteries 48V / 110Ah
- Electric motor 48V / 4.5 kW AC low voltage
- Honda GX160 petrol generator - 3.6 kW 3600 rpm

OPTIONALS

- Non-marking rubber tracks
- Oversized outrigger pads (Ø 350 mm)
- Rectangular outrigger pads
- Working light in the platform
- Aluminium basket 0.90 x 0.70 x 1.10 m
- Winch kit
- IMERVIEW kit

PETROL/DIESEL OPTIONALS

- 12V emergency electro-pump

LITHIUM/HYBRID OPTIONALS

- 48V emergency electro-pump

BENEFITS

- ✓ New removable control box with high resolution 4.3" display and easier operator interaction for better machine control.
- ✓ Return-to-Home function for automatic closing of the platform.
- ✓ Upper control box cover for complete protection of the remote control when not in use.
- ✓ New automotive-derived electrical system, ensuring greater reliability, energy efficiency, and simplified maintenance.
- ✓ Double articulation boom with active jib for a high operability in all construction site conditions.
- ✓ Max. side outreach of 10 m / 230 kg, with 8 m of Up & Over height.
- ✓ Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.
- ✓ Proportional and simultaneous electro-hydraulic controls: efficiency and safety for operators.
- ✓ Automatic outriggers levelling: maximum easiness of use and safety.
- ✓ Permanent weight control device for improved safety and performance.
- ✓ Turret slewing 360° (not continuous): outstanding aerial accessibility in any work situation.
- ✓ Basket rotation $\pm 62^\circ$: complete placement on working site in any condition.
- ✓ New system with lever for emergency descent.
- ✓ Compact size, with limited overall outrigger footprint.
- ✓ Aluminium basket 1.50 x 0.70 x 1.10 m.
- ✓ 4 available engines: petrol, diesel, lithium, hybrid.

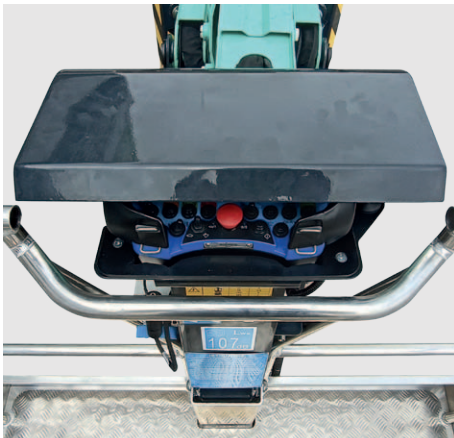
IM R 20 DA



New removable control box with high resolution 4.3" display. Operators can monitor critical parameters in real time, such as machine status, arm position, and operational alerts, enhancing both precision and safety.



Redesigned Human-Machine Interface (HMI). With its ergonomic design and clear, intuitive menu system, the user experience is straightforward even for less experienced operators, reducing learning times and boosting productivity.



Upper control box cover for complete protection of the remote control when not in use.



Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.

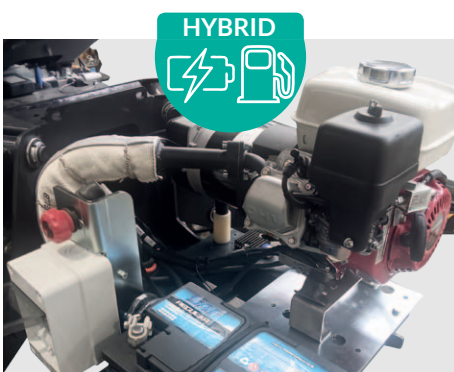


Double articulation boom with max. side outreach 10 m / 230 kg and Up & Over 8 m.



Lithium battery compartment (lithium version).

- ✓ Intelligent management: the battery pack is equipped with an advanced system that monitors the current, voltage and temperature of each cell in real time, optimizing performance and safety.
- ✓ Integrated display: a dedicated interface allows to view both the operational parameters (usage and charging current) and the diagnostic parameters (voltages, temperatures and cell status), offering the operator immediate control.
- ✓ Charging flexibility: the battery can be charged both with the machine operating and switched off, ensuring maximum convenience in every situation.
- ✓ Adaptability to the electrical network: the charging power is adjustable, allowing to limit the current absorption. Ideal for use in environments with low power availability, but also for fast charging when possible.
- ✓ Zero maintenance: the battery pack is completely maintenance-free.



Petrol generator and lithium battery group (hybrid version).

- ✓ Maximum fuel efficiency: the generator is optimized to ensure maximum performance, with an engine specifically designed for charging, avoiding fuel waste.
- ✓ Intelligent generator management: it optimizes fuel usage and disables the generator for environments where fumes or emissions are not permitted.
- ✓ Charging optimization: the generator acts as a temporary support for the battery in order to avoid complete or prolonged charging via generator.
- ✓ Power source selection: the mains (220V) and the generator are separated by a diverter (useful for countries with a 110V mains), while the generator supplies 220V.
- ✓ Global compatibility: no functional issues, thanks to a multi-voltage and multi-frequency charger.

IM R 20 DA

With its compact design, it features a working height up to 20 m and a maximum outreach of 10 m with a 230 kg load capacity. This balance between reduced dimensions and high performance makes this model perfect for confined spaces without compromising reach and stability.



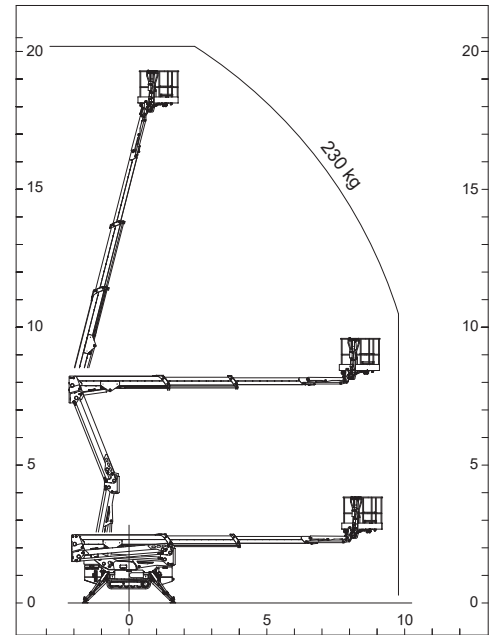
IM R 20 DA



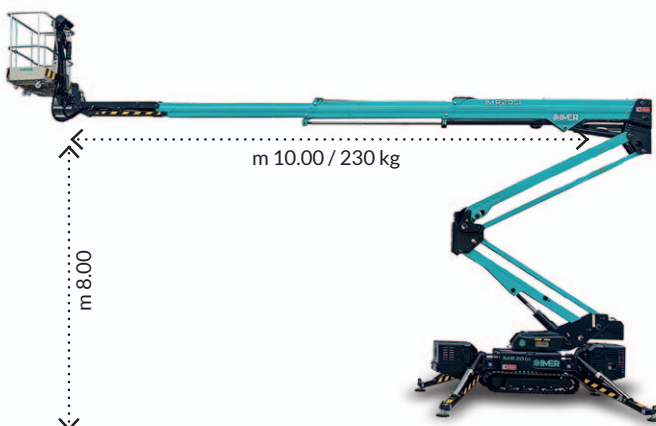
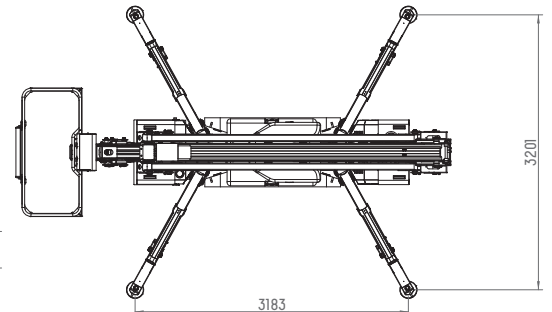
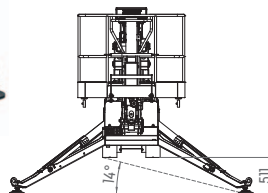
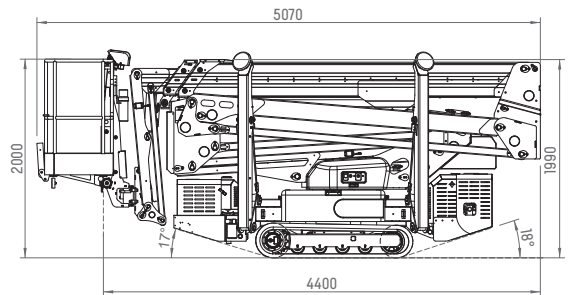
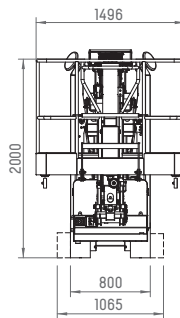
Compact jib group with load cell and basket rotation system.



Strong protective engine structure for an increased impact protection, with easy opening system.

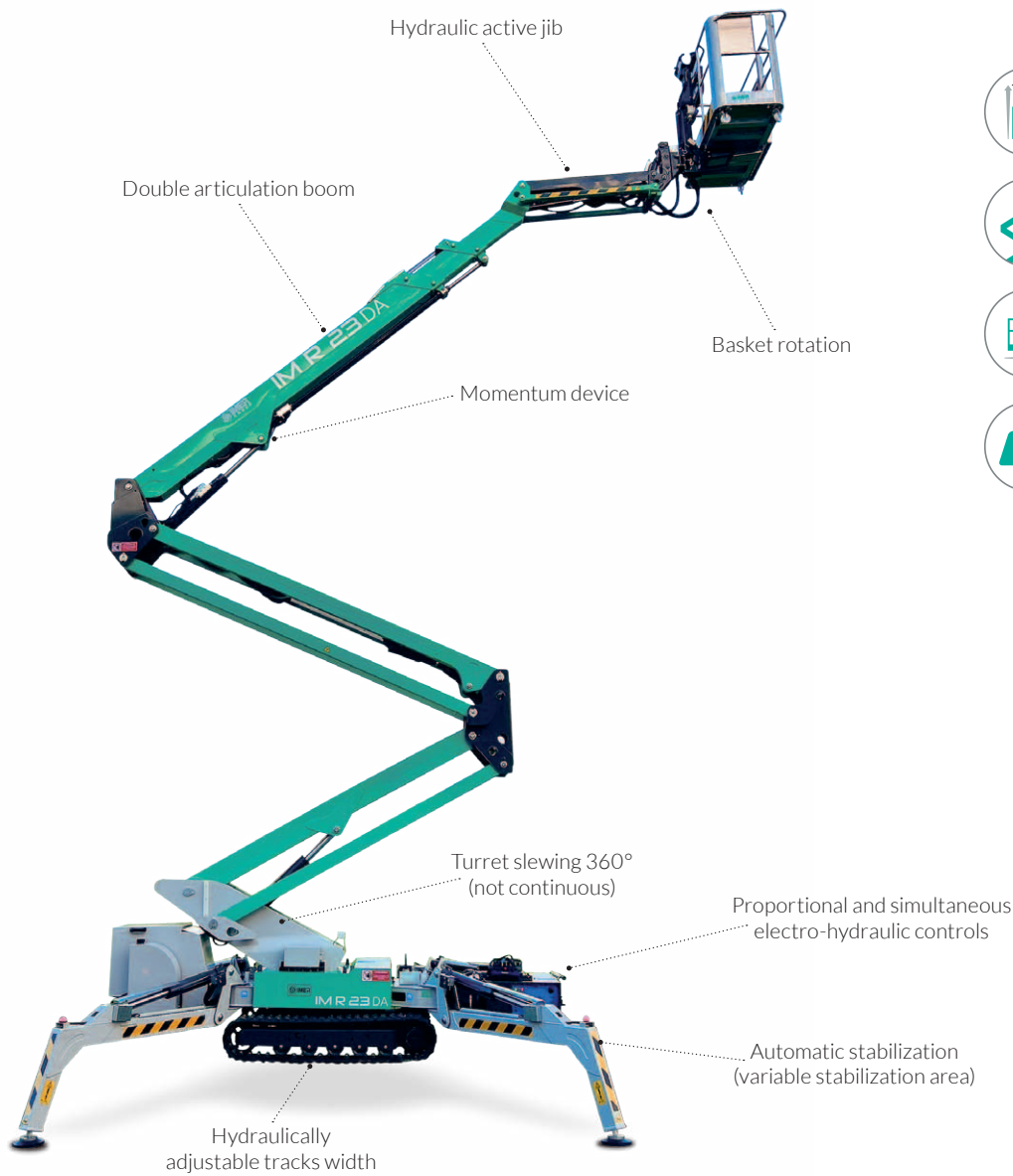






Compact dimensions for maximum accessibility into any work environment.



		IM R 20 DA		
		Petrol/diesel engine	Lithium	Hybrid
Working height	m	20		
Platform height	m	18		
Side outreach	m/kg	10 / 230		
Up & Over	m	8		
Turret slewing	(°)	360 (not continuous)		
Basket dimensions	m	1.50 x 0.70 x 1.10		
Overall outrigger footprint	m	3.18 x 3.20		
Driving speed	km/h	2	1.8	1.8
Gradeability	%	30		
Max load capacity	kg	230		
Electric motor	V/kW	230 / 2.2	48 / 4.5 AC low voltage	
Petrol engine Honda GX390	kW/rpm	8.7 / 3600	-	-
Diesel engine Kubota Z602	kW/rpm	12.5 / 3600	-	-
Lithium batteries	V/Ah	-	48 / 110	
Lithium batteries charger	V/A	-	48 / 50	
Petrol generator Honda GX160	kW/rpm	-	-	3.6 / 3600
Current supplied by generator	A	-	-	10
Transport length (without basket)	m	5.10 (4.40)		
Transport width (with extended tracks)	m	0.80 (1.10)		
Stowed height (with outrigger pads)	m	1.99 (2.03)		
Total weight of the machine	kg	2900 (petrol) 2980 (diesel)	2950	3000

IM R 23 DA



-  Max working height
23 m
-  Boom type
Double Articulation
-  Side outreach
10.6 m / 230 kg
12 m / 140 kg
-  Capacity
230 kg

STANDARD EQUIPMENT

- Automatic outriggers levelling with electronic inclinometer
- Outrigger pads (Ø 200 mm)
- Emergency hand pump
- Cylinder holding valve
- Electronic hour meter
- Momentum device
- Load cell
- Hydraulic Jib
- Rubber tracks
- Hydraulically adjustable tracks width
- Double speed traction
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform
- Wireless radio-control box

PETROL/DIESEL EQUIPMENT

- Petrol engine Honda iGX800 - 18 kW HP 3600 rpm
- Diesel engine Kubota D902 - 17 kW 3600 rpm
- 230V - 16 A electro-pump for indoor use

LITHIUM EQUIPMENT

- Lithium batteries 48V / 160Ah
- Electric motor 48V / 10 kW AC low voltage

OPTIONALS

- Non-marking rubber tracks
- Working light in the platform
- Aluminium basket (0.90 x 0.75 x 1.10 m)
- Winch kit
- IMERVIEW kit

PETROL/DIESEL OPTIONALS

- 12V emergency electro-pump

LITHIUM OPTIONALS

- 48V emergency electro-pump

BENEFITS

- ✓ Double articulation boom with active jib for a high operability in all construction site conditions.
- ✓ Variable stabilization area for greater flexibility of use in various work situations.
- ✓ Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.
- ✓ State-of-the-art removable control panel: fast and versatile use of the machine.
- ✓ Proportional and simultaneous electro-hydraulic controls: efficiency and safety for operators.
- ✓ Automatic outriggers levelling: maximum easiness of use and safety.
- ✓ Permanent weight control device for improved safety and performance.
- ✓ Turret slewing 360° (not continuous): outstanding aerial accessibility in any work situation.
- ✓ Basket rotation ± 62°: complete placement on working site in any condition.
- ✓ Engine guarded for safety and working protection.
- ✓ Aluminium basket 1.40 x 0.70 x 1.10 m.
- ✓ Lithium batteries and AC electric motor for high performance (IM R 23 DA Lithium).
- ✓ Possibility to operate from the power network and simultaneously charge the battery (IM R 23 DA Lithium).

IM R 23 DA



Ground control panel.



Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain.



Active hydraulic jib and basket rotation $\pm 62^\circ$: complete placement on working site in any condition.



Fully enclosed undercarriage to ensure protection of hydraulic and electronic components.



Double articulation boom with telescopic section and hydraulic jib to ensure excellent maneuverability and positioning.



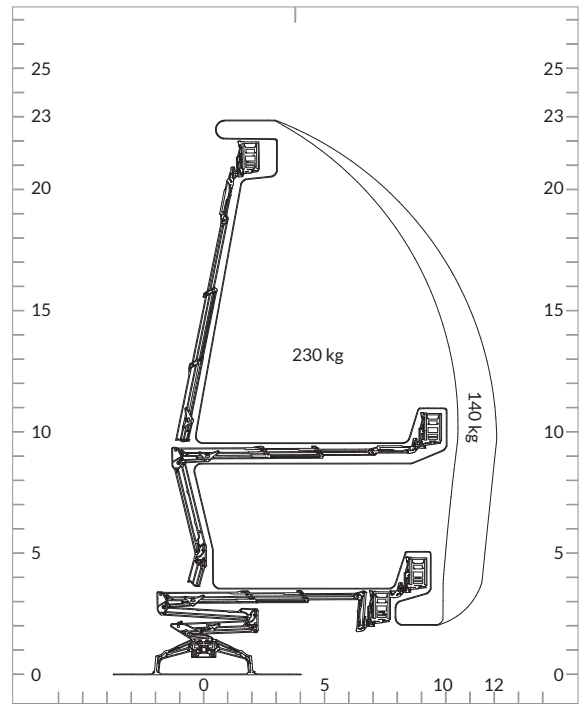
Very compact structure for easy transport and access to narrow areas.

IM R 23 DA

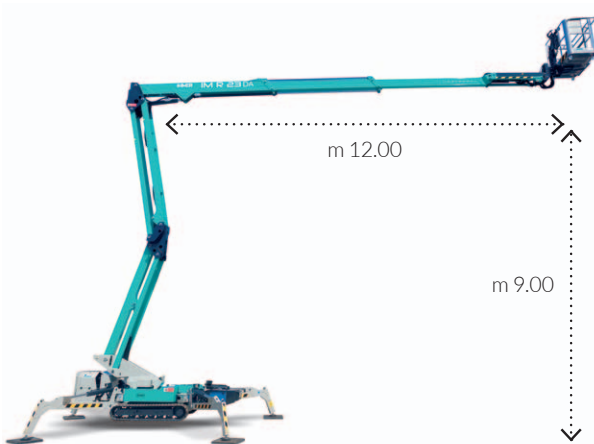
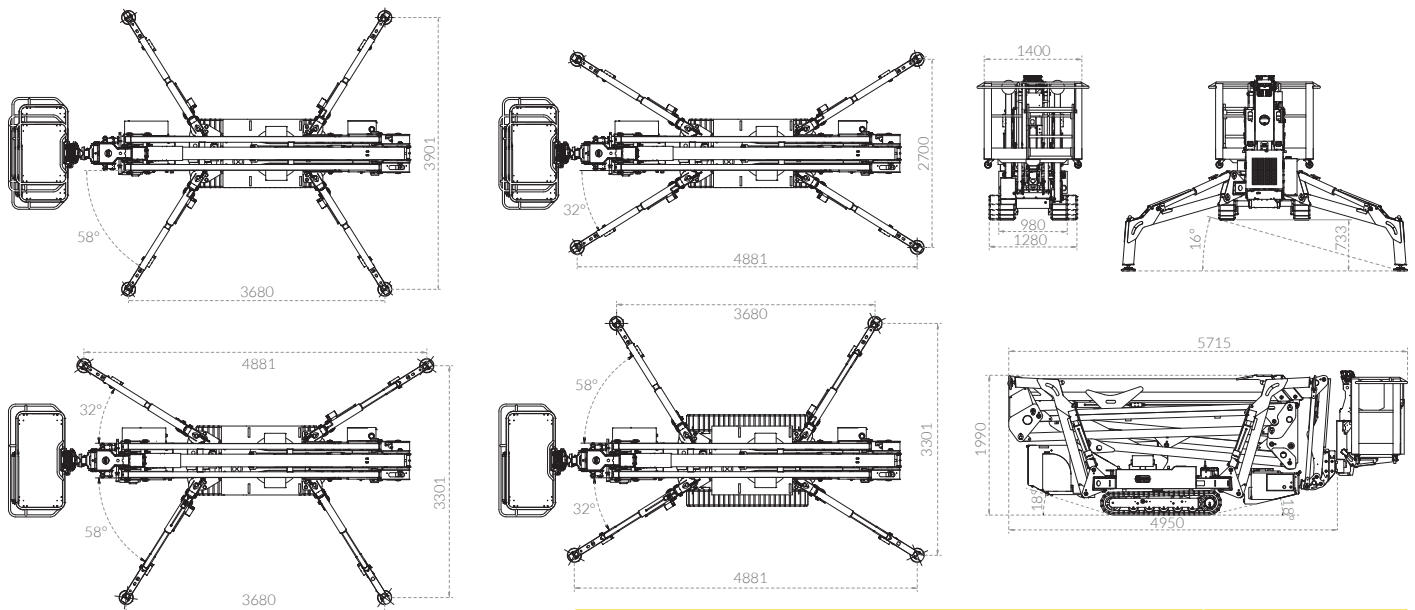
The maximum working height of 23 m meets the various needs of construction sites, both for new buildings and for maintenance. The variable stabilization area enables up to four configurations, ensuring greater flexibility of use in various work situations.



IM R 23 DA



Variable stabilization area enabling up to four configurations to ease performance and positioning.



Extreme outreach of 12 m (with 140 kg) by 9 m of articulation height.

		IM R 23 DA	IM R 23 DA Lithium
Working height	m	22.85	22.85
Platform height	m	20.85	20.85
Side outreach (outrigger footprint standard)	m/kg	10.6 / 230 - 12 / 140	10.6 / 230 - 12 / 140
Side outreach (outrigger footprint narrow)	m/kg	7.3 / 230 - 8.6 / 140	7.3 / 230 - 8.6 / 140
Up & Over	m	9	9
Turret slewing	(°)	360 (not continuous)	360 (not continuous)
Basket dimensions	m	1.40 x 0.70 x 1.10	1.40 x 0.70 x 1.10
Overall outrigger footprint standard (narrow)	m	3.68 x 3.90 (4.88 x 2.70)	3.68 x 3.90 (4.88 x 2.70)
Max driving speed	km/h	2.8	1.5
Gradeability	%	32	32
Max load capacity	kg	230	230
Electric motor	V / kW	230 / 2.2	48 / 10 AC low voltage
Petrol engine Honda iGX800	kW/rpm	18 / 3600	-
Diesel engine Kubota D902	kW/rpm	17 / 3600	-
Lithium batteries	V / Ah	-	48/160
Lithium batteries charger	V / A	-	48/50
Transport length (without basket)	m	5.71 (4.95)	5.71 (4.95)
Transport width (with extended tracks)	m	0.98 (1.28)	0.98 (1.28)
Stowed height	m	1.99	1.99
Total weight of the machine	kg	2990 (petrol) 3000 (diesel)	3000

Comparative table



		IM R 13 T	IM R 15 DA	IM R 19 SA EVO	IM R 20 DA	IM R 23 DA
Working height	m	13	15.1	19	20	22.85
Platform height	m	11	13.1	17	18	20.85
Side outreach	m/kg	5.5 / 230 6.3 / 140 6.8 / 90	7.0 / 230	7.7 / 230 8.7 / 140 9.3 / 90	10 / 230	10.6 / 230 12 / 140
Up & Over	m	-	7	5	8	9
Turret slewing	(°)	360 (not continuous)	360 (not continuous)	360 (not continuous)	360 (not continuous)	360 (not continuous)
Basket rotation	(°)	-	± 62	± 62	± 62	± 62
Basket dimensions	m	1.30x0.75x 1.10	1.40x0.70x 1.10	1.40x0.70x 1.10	1.50x0.70x 1.10	1.40x0.70x 1.10
Overall outrigger footprint	m	2.73 x 2.83	2.92 x 3.08	3.07 x 3.17	3.18 x 3.20	3.68 x 3.90 (complete area) 4.88 x 2.70 (partial area)
Driving speed	km/h	1.3 fixed 2.3 variable	1.6 std - 2.6 opt (petrol/diesel) 1.2 std - 2.2 opt (lithium)	2 (petrol/diesel) 1.4 (lithium)	2 (petrol/diesel) 1.8 (lithium/hybrid)	2.8 (petrol/diesel) 1.5 (lithium)
Gradeability	%	27	30	32	30	32
Platform capacity	kg	230	230	230	230	230
Electric motor	V / kW	230 / 2.2	230 / 2.2 (petrol/diesel) 48 / 4 AC low voltage (lithium)	230 / 2.2 (petrol/diesel) 48 / 4 AC low voltage (lithium)	230 / 2.2 (petrol/diesel) 48 / 4.5 AC low voltage (lithium/hybrid)	230 / 2.2 (petrol/diesel) 48 / 10 AC low voltage (lithium)
Petrol engine	kW/rpm	8.7 / 3600	8.7 / 3600	8.7 / 3600	8.7 / 3600	18 / 3600
Diesel engine	kW/rpm	-	6.5 / 3600	6.5 / 3600	12.5 / 3600	17 / 3600
Lithium batteries	V / Ah	-	48 / 120	48 / 120	48 / 110	48 / 160
Lithium batteries charger	V / A	-	48 / 50	48 / 50	48 / 50	48 / 50
Petrol generator	kW/rpm	-	-	-	3.6 / 3600 (hybrid)	-
Current supplied by generator	A	-	-	-	10 (hybrid)	-
Transport length (without basket)	m	3.80 (3.00)	4.40 (3.65)	5.30 (4.60)	5.10 (4.40)	5.71 (4.95)
Transport width (with extended tracks)	m	0.79 (1.10)	0.79 (1.10)	0.79 (1.06)	0.80 (1.10)	0.98 (1.28)
Stowed height (with outrigger pads)	m	1.99	1.99 (2.05)	1.99 (2.10)	1.99 (2.03)	1.99
Track length	m	1240	1240	1580	1570	1720
Track ground pressure	kg/cm ²	0.5	0.68	0.5	0.6	0.52
Standard outrigger padground pressure	kg/cm ²	3.92	3.57 (petrol/diesel) 3.64 (lithium)	2.67	5.11	5.14
Total weight of the machine	kg	1500 (*)	2030 (petrol) 2060 (diesel) 2060 (lithium)	2435 (petrol) 2465 (diesel) 2470 (lithium)	2900 (petrol) 2980 (diesel) 2950 (lithium) 3000 (hybrid)	2990 (petrol) 3000 (diesel) 3000 (lithium)

(*) 1550 kg with hydraulically adjustable tracks

Features and Benefits of the System

Simultaneous remote control of the machines and fleet management



Machine parameters setting



Interaction with IoM devices and systems



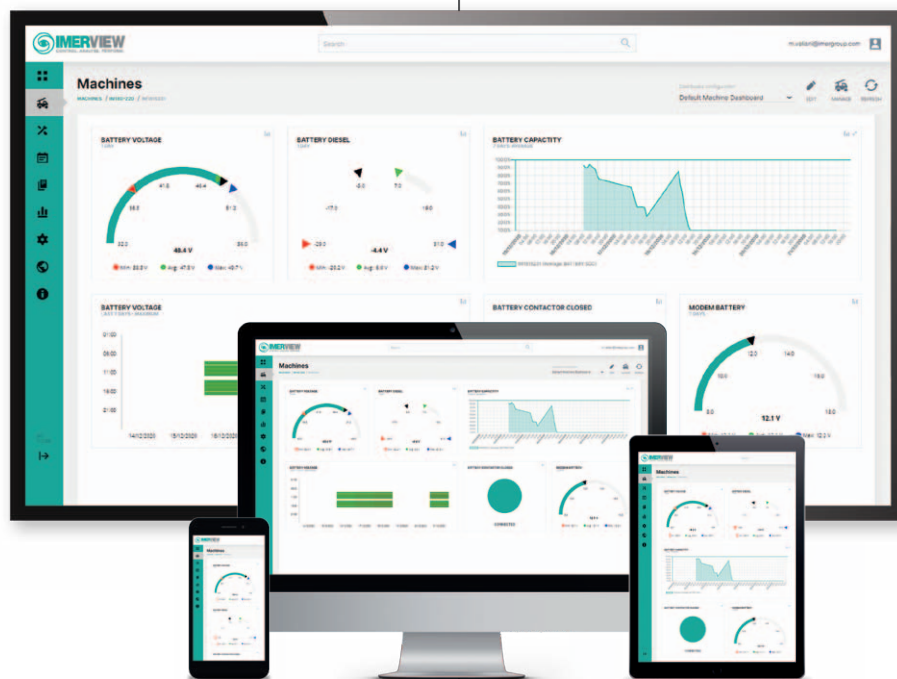
Scheduled maintenance



Real-time display of machine parameters



Machine problems' diagnosis by the operator



Reports for accounting information



Application Programming Interface



Machine parameters check



Machine geolocation and tracking



Geo-fencing. Delimitation of machine working area

Watch the video on our YouTube channel



Useful Addresses

IMER International S.p.A.

Headquarters
Via Salceto, 53/55 - 53036 Poggibonsi (Siena) Italy
Tel. +39 0577 97341 - Fax +39 0577 983304

Access Division

Via San Francesco d'Assisi, 8
46020 Pegognaga (Mantova) Italy
Tel. +39 0376 554011

COMMERCIAL DIRECTION

Matteo Iori
Tel. +39 0376 5540225
Mob. +39 340 4523559
m.iori@imerint.it

EXPORT SALES & LOGISTICS

Serena Spadini
Tel. +39 0376 5540200
s.spadini@imerint.it

SPARE PARTS

Sabrina Rebucci
Tel. +39 0376 5540216
s.rebucci@imerint.it

MARKETING

Marco Maiani
Tel. +39 0577 973449
marco.maiani@imerint.it

CUSTOMER CARE

Niki Dotti
Tel. +39 0376 5540215
Mob. +39 348 6400513
n.dotti@imerint.it

Branch Offices

IMER FRANCE

ZI Les Speyres - CS 70500
38450 Vif - France
Tel. +33 476 725269
Fax +33 476 724697
www.imer.fr

IMER USA

US & Canada Headquarters
423 Bank Street, Suite 180
Southlake, TX 76092 - USA
Tel. +1 800 275.5463
Fax +1 301 336.6687
www.imerusa.com

IMER SHANGHAI

German Centre, Room 727, Tower 2
88 Keyuan Road,
Zhangjiang Hi-Tech Park
201203 Pudong, Shanghai - China
Tel. +86 2150802303
Fax +86 2128986555
www.imergroup.com

IMER IBERICA

C/Sauce 74-76
Polígono Empresarial Malpica-Alfindén
50171 La Puebla de Alfindén
Zaragoza - Spain
Tel. +34 976 12 52 56
Fax +34 976 12 51 38
www.imeriberica.com

IMER ORU FAR EAST

No. 18 Tradehub 21
#09-128 Boon Lay Way
Singapore 609964
Tel. +65 6515 9740
Fax +65 6515 9745
www.imergroup.com



IMER ONLINE

IMER GROUP WEBSITE

Consult features and technical specifications of our products, view pictures and download the pdf catalog through the IMER Group website!

> imergroup.com



SPARE PARTS WEBSITE

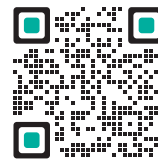
Find out how to easily order spare parts, download manuals and request assistance for all our products! Register now to access the new spare parts website!

> imerglobalcustomercare.com



APP IMER CONNECT

IMER CONNECT is the app designed to facilitate the use of IMER machines by the operator and offer a smart experience of the company and its products. Download the app from Google Play and Apple Store!



SOCIAL CHANNELS

Imer Group

imer_group

IMER Group

IMER Group



imergroup.com



IMER International S.p.A. | *Access Division*
Via San Francesco d'Assisi, 8
46020 Pegognaga (Mantova) Italy
Tel. +39 0376 554011

