

# Series **IM 90**

6390 | 8290 | 10090 | 12090



# Series IM 90

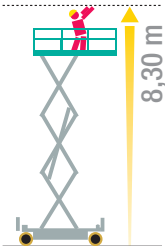
## Benefits

- ✓ 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



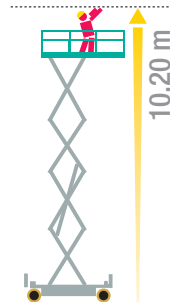
IM 6390

IM 6390 EX



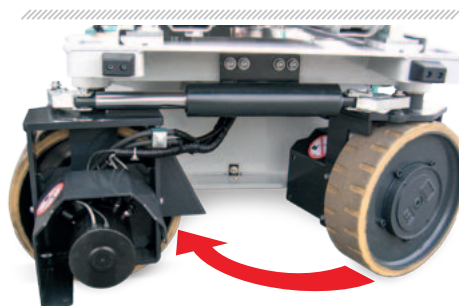
IM 8290

IM 8290 EX



## 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
- Inclinometer 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



90° steering angle

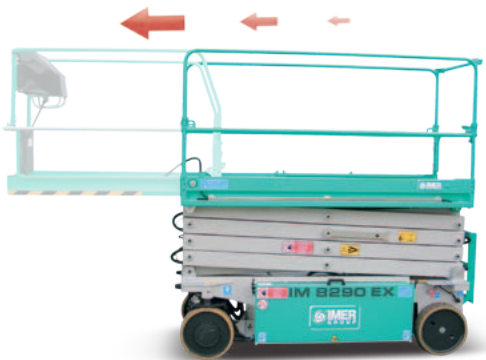
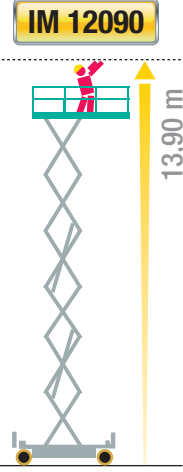
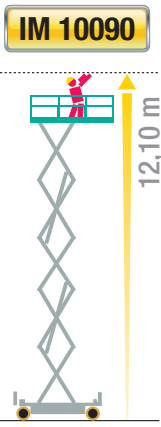
## Optionals

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

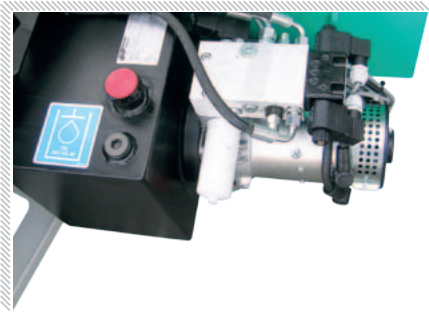


New design of the AWP and the scissor pack

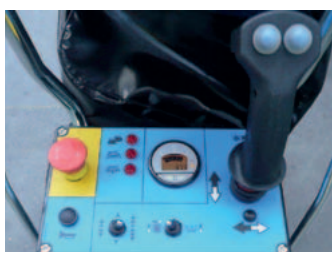




Manual deck extension 1.3 m



Hydraulic power pack



Sturdy, simple and intuitive control box on platform

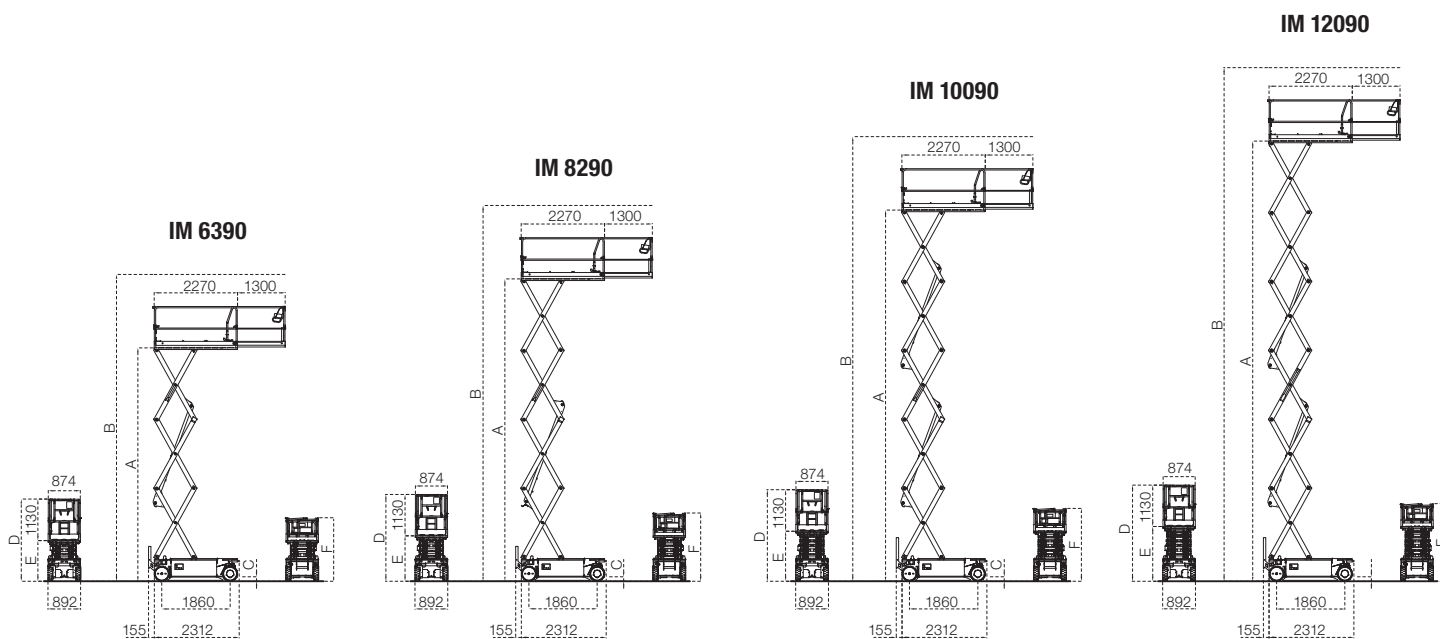


Large battery compartment to place higher capacity batteries



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

|   |          | 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      |            | 10100     | 11900     |
| B   | mm       | 8300      |            | 10200     |            | 12100     | 13900     |
| 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      |



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