Powered Access Line
<table>
<thead>
<tr>
<th>Model</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>EASY UP 5</td>
<td>2</td>
</tr>
<tr>
<td>EASY UP 5 SP</td>
<td>2</td>
</tr>
<tr>
<td>Series IT80M-MC</td>
<td>4</td>
</tr>
<tr>
<td>Series IT80</td>
<td>6</td>
</tr>
<tr>
<td>Series IT90</td>
<td>8</td>
</tr>
<tr>
<td>Series IT122</td>
<td>10</td>
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<tr>
<td>Series IT151</td>
<td>12</td>
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<tr>
<td>Series IT180</td>
<td>14</td>
</tr>
<tr>
<td>Series IT210</td>
<td>16</td>
</tr>
<tr>
<td>Series IT230</td>
<td>18</td>
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<tr>
<td>IT 100 E</td>
<td>20</td>
</tr>
<tr>
<td>IT 150 E</td>
<td>20</td>
</tr>
<tr>
<td>Full Range</td>
<td>22</td>
</tr>
<tr>
<td>Models / heights diagram</td>
<td>24</td>
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<tr>
<td>Useful Addresses</td>
<td>25</td>
</tr>
</tbody>
</table>
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 the new line of Truck Mounted 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”.
Removable control allows for easy and safe movement. Equipped with key switch and emergency stop button.

**Standard Equipment**
- Manual emergency lowering device
- Battery charger with automatic switch-off
- Low battery alert
- Battery switch-off
- Inclinometer 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
- 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

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.
**Standard Equipment**

- Manual emergency lowering device
- Battery charger with automatic switch-off
- Low battery alert
- Battery switch-off
- Inclinometer 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

### EASY UP 5 SP

**Indoor and outdoor use**

**EASY UP 5 SP**

**SELF-PROPELLED VERSION**

**Pothole protection steel shoes welded nearby the wheels.**

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

**Sturdy IP65, simple and intuitive control box.**

**Swivel castor interlock for straight line driving.**

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### EASY UP 5 & EASY UP 5 SP

<table>
<thead>
<tr>
<th>Parameter</th>
<th>EASY UP 5</th>
<th>EASY UP 5 SP</th>
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</thead>
<tbody>
<tr>
<td>Number of scissors</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>A</td>
<td>mm</td>
<td>3200</td>
</tr>
<tr>
<td>B</td>
<td>mm</td>
<td>5200</td>
</tr>
<tr>
<td>C</td>
<td>mm</td>
<td>60</td>
</tr>
<tr>
<td>D</td>
<td>mm</td>
<td>1790</td>
</tr>
<tr>
<td>E</td>
<td>mm</td>
<td>690</td>
</tr>
<tr>
<td>Capacity (including 1 person)</td>
<td>kg</td>
<td>200</td>
</tr>
<tr>
<td>Electric motor (power pack)</td>
<td>kW</td>
<td>1.6</td>
</tr>
<tr>
<td>Electric drive motors</td>
<td>V/kW</td>
<td>--/24/1</td>
</tr>
<tr>
<td>Battery</td>
<td>Wh</td>
<td>12/105</td>
</tr>
<tr>
<td>Battery charger</td>
<td>V</td>
<td>230</td>
</tr>
<tr>
<td>Oil tank capacity</td>
<td>l</td>
<td>2</td>
</tr>
<tr>
<td>Lifting time</td>
<td>s</td>
<td>17/17/20</td>
</tr>
<tr>
<td>Max side/longitudinal tilt angle</td>
<td>degrees</td>
<td>1.3/2.5, 1.5/2.5</td>
</tr>
<tr>
<td>Gradeability</td>
<td>%</td>
<td>25</td>
</tr>
<tr>
<td>Traction speed</td>
<td>km/h</td>
<td>--/0-4</td>
</tr>
<tr>
<td>Safety traction speed</td>
<td>km/h</td>
<td>--/0.6</td>
</tr>
<tr>
<td>Internal turning radius</td>
<td>m</td>
<td>--/0</td>
</tr>
<tr>
<td>External turning radius</td>
<td>m</td>
<td>--/1.25</td>
</tr>
<tr>
<td>Total weight</td>
<td>kg</td>
<td>390</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500</td>
</tr>
</tbody>
</table>

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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 swtch-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 IT 80 series
- Kit 2° rotating beacon
- Kit for compressed air

Benefits

✓ Electric drive motors: less consumption, longer cycle times
✓ Electric steering, unique on the market: reduced environmental impact
✓ 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.

Lateral deck extension 0.36 m
<table>
<thead>
<tr>
<th><strong>IT 4680 M - IT 4680 MC</strong></th>
</tr>
</thead>
</table>

| **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 | 24/185 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 | 315x100 |
| **Tyre type** | cushion |
| **Max side/longitudinal tilt angle** | degrees | 1.5/3 |
| **Total weight** | kg | 1470 |
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-185Ah 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 protection
- 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 80 series
- Kit 2° rotating beacon
- Kit for compressed air

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
<table>
<thead>
<tr>
<th></th>
<th>IT 4680</th>
<th>IT 5980</th>
<th>IT 7380</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of scissors</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>A mm</td>
<td>4500</td>
<td>5800</td>
<td>7200</td>
</tr>
<tr>
<td>B mm</td>
<td>6500</td>
<td>7800</td>
<td>9200</td>
</tr>
<tr>
<td>C (Pot-hole raised/lowered)</td>
<td>88 / 21</td>
<td>88 / 21</td>
<td>88 / 21</td>
</tr>
<tr>
<td>D mm</td>
<td>1983</td>
<td>2087</td>
<td>2190</td>
</tr>
<tr>
<td>E mm</td>
<td>858</td>
<td>961</td>
<td>1065</td>
</tr>
<tr>
<td>F mm</td>
<td>1553</td>
<td>1657</td>
<td>1760</td>
</tr>
<tr>
<td>Capacity (including 2 people)</td>
<td>270</td>
<td>230</td>
<td>200</td>
</tr>
<tr>
<td>Electric drive motors V/kW</td>
<td>24 / 2.4</td>
<td>24 / 2.4</td>
<td>24 / 2.1</td>
</tr>
<tr>
<td>Lifting power pack – hydraulic type V/kW</td>
<td>24 / 2.1</td>
<td>24 / 2.1</td>
<td>24 / 2.1</td>
</tr>
<tr>
<td>Traction battery V/Ah</td>
<td>24/185 c5</td>
<td>24/185 c5</td>
<td>24/185 c5</td>
</tr>
<tr>
<td>Battery weight kg</td>
<td>4x28</td>
<td>4x28</td>
<td>4x28</td>
</tr>
<tr>
<td>Oil tank capacity l</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Traction speed km/h</td>
<td>0 ÷ 4</td>
<td>0 ÷ 4</td>
<td>0 ÷ 4</td>
</tr>
<tr>
<td>Safety traction speed km/h</td>
<td>0,6</td>
<td>0,6</td>
<td>0,6</td>
</tr>
<tr>
<td>Gradeability %</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Internal steering radius m</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>External steering radius m</td>
<td>1,65</td>
<td>1,65</td>
<td>1,65</td>
</tr>
<tr>
<td>Tyre dimensions mm</td>
<td>315x100</td>
<td>315x100</td>
<td>315x100</td>
</tr>
<tr>
<td>Tyre type</td>
<td>cushion</td>
<td>cushion</td>
<td>cushion</td>
</tr>
<tr>
<td>Max side/longitudinal tilt angle degrees</td>
<td>2 / 3</td>
<td>2 / 3</td>
<td>1.5 / 3</td>
</tr>
<tr>
<td>Total weight kg</td>
<td>1240</td>
<td>1500</td>
<td>1750</td>
</tr>
</tbody>
</table>

Indoor use

![Diagram of IT 5980](image1)

![Diagram of IT 7380](image2)
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 – 200Ah / 250Ah (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 protections
- Pothole protection
- 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 90 series
- Kit 2° rotating beacon
- Kit for compressed air

Benefits

✓ Electric 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.

Manual deck extension 1.4 m
<table>
<thead>
<tr>
<th></th>
<th>IT 8290</th>
<th>IT 10090</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Number of scissors)</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>mm</td>
<td>8150</td>
<td>10020</td>
</tr>
<tr>
<td>B</td>
<td>10150</td>
<td>12020</td>
</tr>
<tr>
<td>C (Pot-hole raised/lowered)</td>
<td>120/24</td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>2280</td>
<td>2410</td>
</tr>
<tr>
<td>D</td>
<td>1150</td>
<td>1280</td>
</tr>
<tr>
<td>mm</td>
<td>1850</td>
<td>1980</td>
</tr>
<tr>
<td>Capacity (including 3 people)</td>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>Electric drive motors</td>
<td>kW V</td>
<td>24/3,0</td>
</tr>
<tr>
<td>mm</td>
<td>8150</td>
<td>10020</td>
</tr>
<tr>
<td>Lifting power pack – hydraulic type</td>
<td>kW V</td>
<td>24/3,0</td>
</tr>
<tr>
<td>mm</td>
<td>2280</td>
<td>2410</td>
</tr>
<tr>
<td>Traction battery V/Ah</td>
<td>24/200</td>
<td>24/250</td>
</tr>
<tr>
<td>Battery weight kg</td>
<td>4x31</td>
<td>4x45</td>
</tr>
<tr>
<td>Battery charger V/A</td>
<td>24/200</td>
<td>24/250</td>
</tr>
<tr>
<td>Oil tank capacity l</td>
<td>16</td>
<td></td>
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<tr>
<td>Traction speed km/h</td>
<td>0 ÷ 4</td>
<td></td>
</tr>
<tr>
<td>Safety traction speed</td>
<td>km/h</td>
<td>0,7</td>
</tr>
<tr>
<td>Gradeability %</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Internal steering radius m</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>External steering radius m</td>
<td>2,23</td>
<td></td>
</tr>
<tr>
<td>Tyre dimensions mm</td>
<td>410x130</td>
<td></td>
</tr>
<tr>
<td>Tyre type cushion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max side/longitudinal tilt angle degrees</td>
<td>2 / 3</td>
<td>1,5/3</td>
</tr>
<tr>
<td>Total weight kg</td>
<td>2490</td>
<td>3080</td>
</tr>
</tbody>
</table>

**Indoor use**
Series **IT122**

**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
- Kit 2° rotating beacon

**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

**IT 10122EX**
Self-propelled electric version for indoor and outdoor use
All the component parts are easily accessible for servicing.

Functional chassis design for easy cleaning.

<table>
<thead>
<tr>
<th>Number of scissors</th>
<th>IT 10122</th>
<th>IT 12122</th>
<th>IT 10122EX</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Indoor Use</td>
<td>Indoor Use</td>
<td>Indoor and Outdoor Use</td>
</tr>
<tr>
<td>Number of scissors</td>
<td>5</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>A (mm)</td>
<td>10020</td>
<td>11900</td>
<td>10020</td>
</tr>
<tr>
<td>B (mm)</td>
<td>12020</td>
<td>13900</td>
<td>12020</td>
</tr>
<tr>
<td>C (Pot-hole raised/lowered) (mm)</td>
<td>120/24</td>
<td>120/24</td>
<td>120/24</td>
</tr>
<tr>
<td>D (mm)</td>
<td>2410</td>
<td>2540</td>
<td>2410</td>
</tr>
<tr>
<td>E (mm)</td>
<td>1280</td>
<td>1410</td>
<td>1280</td>
</tr>
<tr>
<td>F (mm)</td>
<td>1980</td>
<td>2110</td>
<td>1980</td>
</tr>
<tr>
<td>Capacity for indoor use (including 3 people) (kg)</td>
<td>450</td>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>Capacity for outdoor use (including 1 person) (kg)</td>
<td>–</td>
<td>–</td>
<td>300</td>
</tr>
<tr>
<td>Electric drive motors (V/kW)</td>
<td>24/3,0</td>
<td>24/3,0</td>
<td>24/3,0</td>
</tr>
<tr>
<td>Lifting power pack – hydraulic type (V/kW)</td>
<td>24/3,0</td>
<td>24/3,0</td>
<td>24/3,0</td>
</tr>
<tr>
<td>Traction battery (V/Ah)</td>
<td>24/250</td>
<td>24/300</td>
<td>24/250</td>
</tr>
<tr>
<td>Battery weight (kg)</td>
<td>4x45</td>
<td>4x53</td>
<td>4x45</td>
</tr>
<tr>
<td>Battery charger (V/A)</td>
<td>24/30</td>
<td>24/30</td>
<td>24/30</td>
</tr>
<tr>
<td>Oil tank capacity (l)</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Traction speed (km/h)</td>
<td>0 ÷ 4</td>
<td>0 ÷ 4</td>
<td>0 ÷ 4</td>
</tr>
<tr>
<td>Safety traction speed (km/h)</td>
<td>0,7</td>
<td>0,7</td>
<td>0,7</td>
</tr>
<tr>
<td>Gradeability (%)</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Internal steering radius (m)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>External steering radius (m)</td>
<td>2,35</td>
<td>2,35</td>
<td>2,35</td>
</tr>
<tr>
<td>Tyre dimensions (mm)</td>
<td>410x130</td>
<td>410x130</td>
<td>410x130</td>
</tr>
<tr>
<td>Tyre type</td>
<td>cushion</td>
<td>cushion</td>
<td>cushion</td>
</tr>
<tr>
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<td>2 / 3</td>
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Indoor and outdoor use.
**Standard equipment**

- Electric rear wheel drive motors (IT 8151)
- Hydraulic rear wheel drive motors (IT 10151 - IT 12151)
- Negative parking brakes
- 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
- 220V cable predisposition
- Flashing beacon
- Proportional controls with diagnostics

**Optionals**

- 230 V / 110 V cable with plug, socket and safety cut-out
- Kit 2° rotating beacon
- Black tyres (IT 8151)

**Benefits**

- Electrical drive motors: less consumption, longer cycle times (IT 8151)
- Parts inter-changeability
- 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
### Indoor and outdoor use

#### IT 8151

<table>
<thead>
<tr>
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<th>4</th>
<th>5</th>
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<td>mm 10000</td>
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<td>C</td>
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<td>48 / 5,0</td>
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#### IT 10151

#### IT 12151
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
- Inclinometer 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

✓ 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
### Number of scissors

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<th>IT 12180</th>
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</thead>
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</tr>
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<td>B</td>
<td>mm</td>
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<td>13900</td>
</tr>
<tr>
<td>C</td>
<td>mm</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>mm</td>
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<td>2685</td>
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<td>E</td>
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<tr>
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<td>66</td>
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<td>km/h</td>
<td>Dies. = 4.5/1.2 Elect. = 2.8/0.75</td>
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<tr>
<td>Gradeability</td>
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<tr>
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<td>kg</td>
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<td>4760</td>
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</table>

- **Indoor and outdoor use**
Standard equipment

- 4WD hydrostatic transmission
- Negative parking brakes
- Mechanical wheel drive disengagement for emergency hauling
- Manual emergency lowering device
- Proportional controls
- Diagnostics
- Hour meter
- Cylinder holding valves
- Hydraulic 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 outriggers

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"

Optionals

- Non marking tyres (IT 17210 D)
- Black tyres (IT 17210 E)

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

19,00 m
**IT 17210**

**Number of scissors** 6

<p>| | | |</p>
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<tr>
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<tbody>
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<td>mm</td>
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<td>C</td>
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<td>E</td>
<td>mm</td>
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<tr>
<td>F</td>
<td>mm</td>
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</table>

**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

*Indoor and outdoor use*

Automatic hydraulic levelling outriggers

Hydraulic deck extension 2 m
Standard equipment D - DE
- Key selector for traction at maximum height with 500 kg capacity or up to 10 m height with 1000 kg capacity
- Permanent hydraulic transmission 4 WD
- Negative parking brakes
- Mechanical wheel drive disengagement for emergency hauling
- Hydraulic self-locking differential
- Water cooled Diesel engine 31.5 kW
- Start-up battery 24 V 65 Ah
- Start-up battery alternator
- Manual emergency lowering device
- Proportional controls
- Diagnostic system
- Hour meter
- Cylinders holding valves
- Double hydraulic deck extension 1.25 m for each side
- Inclinometer 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
- 220 Volt cable with plug socket and safety cut-out
- Automatic hydraulic levelling outriggers

Standard equipment DE
- Power pack 48 V – 8 kW
- Traction battery 48V 525 Ah
- HF Battery charger 48 V – 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"

Optionals
- Non marking tyres (IT 15230 D)
- Black tyres (IT 15230 DE)

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
Number of scissors

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<td>km / h</td>
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</tr>
<tr>
<td>Total weight</td>
<td>kg</td>
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</table>

Automatic hydraulic levelling outriggers

Double hydraulic deck extension 1.25 m for each side
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 (6x6V) - 300Ah (CS)
- 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
- Inclinometer 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’ centralized automatic refilling (IT 150 E)
- Gel batteries
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
✓ Simultaneous functions control for ease and precision of positioning (IT 150 E)
✓ Shortened overall transport length thanks to retractable basket
✓ Tight turning radius
✓ Outdoor use allowed

<table>
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<tr>
<th>IT 100 E</th>
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<td>Working height</td>
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<td>Basket levelling</td>
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<td>Capacity</td>
<td>kg</td>
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<td>Controls</td>
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<tr>
<td>Internal steering radius</td>
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<tr>
<td>External steering radius</td>
<td>m</td>
</tr>
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</table>
Full Range

**EASY UP 5**

**Series IT80M-MC**

**Series IT80**

**Series IT90**

**Series IT122**

*Indoor use*
Models / heights diagram

20 mt
18 mt
16 mt
14 mt
12 mt
10 mt
8 mt
6 mt
4 mt
2 mt

EASY UP 5
EASY UP 5 SP
IT 4680 MC
IT 4680 M
IT 4680
IT 5980
IT 7380
IT 8290
IT 10090
IT 10122
IT 10122EX
IT 10151
IT 10180 D/DE
IT 12122
IT 12151
IT 12180 D/DE
IT 17210 E/D
IT 100 E
IT 150 E
IT 7380
IT 8290
IT 10090
IT 10122
IT 10122EX
IT 12122
IT 8151
Useful Addresses

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AFTER SALE SERVICE & SPARE PARTS
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Crawler Access Platforms

IM R 15
IM R 19
IM R 15

Standard equipment

- Emergency hand pump
- Cylinder holding valve
- Hour meter
- Momentum device
- Load cell
- Hydraulic Jib
- Rubber tracks
- Hydraulically adjustable tracks width
- 230V - 16 A electro-pump for indoor use
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform

Optionals

- Wireless radio-control system
- Automatic levelling outriggers
- 12 V emergency electro-pump
- Non-marking rubber tracks
- Oversized outrigger pads (Ø 350 mm)

Benefits

✓ Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain
✓ Removable wired control panel for remote control of the platform during translation
✓ Simultaneous electro-hydraulic controls: efficiency and safety for operators
✓ Slewing 360° (not continuous): outstanding aerial accessibility in any work situation
✓ Basket rotation ± 90°: complete placement on working site in any condition
✓ Compact size, with limited overall outrigger footprint
✓ Soundproofed endothermic engine compartment for safety and working comfort
✓ Aluminium platform 1,40x0,70x1,10 mts.
✓ Innovative design with fully enclosed structure
**Standard equipment**

- Automatic outrigger levelling
- Emergency hand pump
- Cylinder holding valve
- Hour meter
- Momentum device
- Load cell
- Hydraulic Jib
- Rubber tracks
- Hydraulically adjustable tracks width
- 230V - 16 A electro-pump for indoor use
- Wireless radio-control system
- Air / Water outlet in the platform
- 230V - 16 A outlet in the platform

**Optionals**

- 12 V emergency electro-pump
- Non-marking rubber tracks
- Oversized outrigger pads (ø 350 mm)

**Benefits**

✓ Hydraulically adjustable tracks width: more stability and traction to move around the building site or rough terrain
✓ State-of-the-art wireless radio-control system: fast and versatile use of the machine
✓ Simultaneous electro-hydraulic controls: efficiency and safety for operators
✓ Automatic outrigger levelling: maximum easiness of use
✓ Slewing 360° (not continuous): outstanding aerial accessibility in any work situation
✓ Basket rotation ± 90°: complete placement on working site in any condition
✓ Compact size, with limited overall outrigger footprint
✓ Soundproofed endothermic engine compartment for safety and working comfort
✓ Aluminium platform 1,40x0,70x1,10 mts.
✓ Innovative design with fully enclosed structure
IM R 15 IM R 19 Specifications

Working height m 15 19
Platform height m 13 17
Side outreach m/kg 8,70 / 80 - 7,80 / 120 - 6,70 / 200 9,80 / 80 - 8,50 / 120 - 7,00 / 200
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
Transport length m 4,86 / 4,21 (without basket) 5,3 / 4,63 (without basket)
Transport width m Min 0,79 / Max 1,06 Min 0,79 / Max 1,06
Height in stowed position m Min 1,99 / Max 2,10 (with stabilizers in position) Min 1,99 / Max 2,10 (with stabilizers in position)
Overall outrigger footprint m 3,2 x 3,3 3,2 x 3,3
Driving speed km/h 0 – 2 0 – 2
Gradeability (°) 25° 25°
Platform capacity kg 200 200
Petrol engine Honda GX390 Fuel - 11 HP 3600 rpm Honda GX390 Fuel - 11 HP 3600 rpm
Diesel engine Yanmar L100N - 9,9 HP 3600 rpm Yanmar L100N - 9,9 HP 3600 rpm
Total weight of the machine kg 1980 2300

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# Technical Data

<table>
<thead>
<tr>
<th>EASY UP 5</th>
<th>EASY UP 5 SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of scissors</td>
<td>3</td>
</tr>
<tr>
<td>A (mm)</td>
<td>3200</td>
</tr>
<tr>
<td>B (mm)</td>
<td>5200</td>
</tr>
<tr>
<td>C (mm)</td>
<td>60</td>
</tr>
<tr>
<td>D (mm)</td>
<td>1790</td>
</tr>
<tr>
<td>E (mm)</td>
<td>690</td>
</tr>
<tr>
<td>Capacity (including 1 person) (kg)</td>
<td>200</td>
</tr>
<tr>
<td>Electric motor (power pack) (kW)</td>
<td>1.6</td>
</tr>
<tr>
<td>Electric drive motors (V/A)</td>
<td>– 24/1</td>
</tr>
<tr>
<td>Battery (V/Ah)</td>
<td>12/105 x 2</td>
</tr>
<tr>
<td>Battery charger (V)</td>
<td>230</td>
</tr>
<tr>
<td>Oil tank capacity (l)</td>
<td>2</td>
</tr>
<tr>
<td>Lifting time (s)</td>
<td>17/17</td>
</tr>
<tr>
<td>Max side/longitudinal tilt angle (degrees)</td>
<td>1,3/2.5</td>
</tr>
<tr>
<td>Gradeability (%)</td>
<td>–</td>
</tr>
<tr>
<td>Traction speed (km/h)</td>
<td>–</td>
</tr>
<tr>
<td>Safety traction speed (km/h)</td>
<td>–</td>
</tr>
<tr>
<td>Internal turning radius (m)</td>
<td>–</td>
</tr>
<tr>
<td>External turning radius (m)</td>
<td>–</td>
</tr>
<tr>
<td>Total weight (kg)</td>
<td>360</td>
</tr>
</tbody>
</table>
Easy Up 5

**Standard Equipment**
- Manual emergency lowering device
- Battery charger with automatic switch-off
- Low battery alert
- Battery switch-off
- Inclinometer 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 tires 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 stabilizers required)
- Battery charger can be switched on for long periods, ensuring 100% battery charge

Easy Up 5 SP

**Standard Equipment**
- Manual emergency lowering device
- Battery charger with automatic switch-off
- Low battery alert
- Battery switch-off
- Inclinometer 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 castor interlock for straight line driving
- Potable protection
- Control box on platform IP65, with proportional joystick and emergency stop
- Selector for 3 different proportional speeds
- Audible motion alarm
- Horn
- Ground control panel with key switch
- Flashing beacon

**Benefits**
- Smooth roller castors with non-marking tires 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 stabilizers 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
- Ideal for delicate and raised access flooring
- Easier loading operation on ramps
- Excellent manoeuvrability, safe, quick and precise positioning in very congested sites