

# Series IM 220

### 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)
- Inclinometer 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
- 230Volt 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"

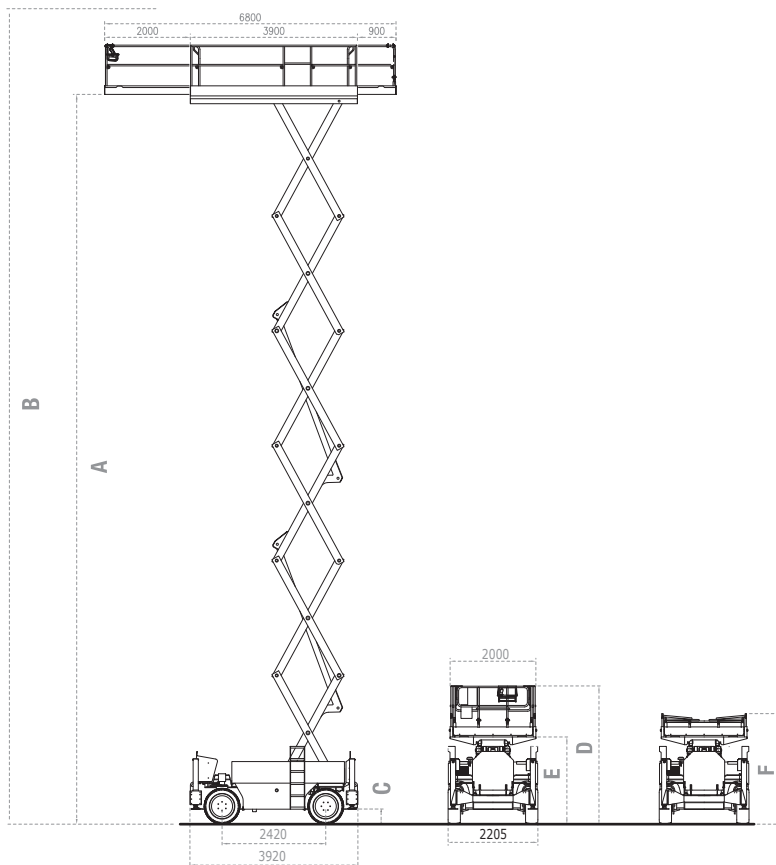
### STANDARD EQUIPMENT E

- AC electric motor 48V - 15kW
- 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

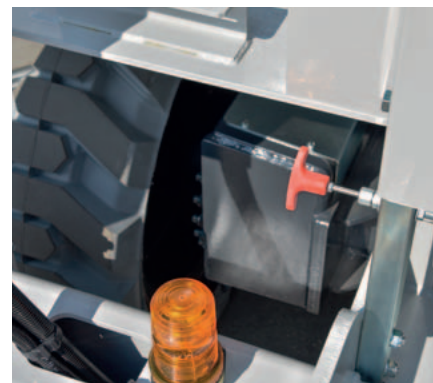
- Non marking tyres (IT 14220 D - IT 17220 D)
- Black tyres (IT 14220 E - IT 17220 E)





AC electric power unit

|                                       |         | IM 14220                     | IM 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                         | full                         |
| Facultative stabilizers use           |         | up to max height             | up to max height             |
| Capacity with stabilized platform     | kg      | 800 (including 6 people)     | 540 (including 5 people)     |
| Capacity with non-stabilized platform | kg      | 800 (including 3 people)     | 540 (including 3 people)     |
| Diesel engine                         | kW      | 23                           | 23                           |
| AC electric motor                     | kW      | 15                           | 15                           |
| Start-up battery                      | V/Ah    | 24 / 65                      | 24 / 65                      |
| Traction battery                      | V/Ah    | 48 / 630                     | 48 / 630                     |
| Battery charger                       | V/A     | 48 / 55                      | 48 / 55                      |
| Oil tank capacity                     | Lt.     | 100                          | 100                          |
| Max. speed                            | Km/h    | 6 (Diesel) / 3,3 (Battery)   | 6 (Diesel) / 3,3 (Battery)   |
| Safety speed                          | Km/h    | Max. 0.6                     | Max. 0.5                     |
| Lift/Lower time                       | sec.    | 70                           | 70                           |
| Gradeability                          | %       | 40% (Diesel) / 30% (Battery) | 40% (Diesel) / 30% (Battery) |
| Max. Lateral inclination              | degrees | 2°                           | 1,5°                         |
| Max. Longitudinal inclination         | degrees | 2°                           | 2°                           |
| Internal turning radius               | m       | 0,8                          | 0,8                          |
| External turning radius               | m       | 4,2                          | 4,2                          |
| Tyre type                             |         | 33x12-20"                    | 33x12-20"                    |
| Tyre dimensions                       | mm      | 815 x 295                    | 815 x 295                    |
| Weight                                | kg      | 7950 (D) / 8260 (E)          | 8300 (D) / 8600 (E)          |



Platform manual emergency descent control



Stabilizers manual descent device