

DIESEL-ELECTRIC SCISSOR LIFTS

Series IM 220

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 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"

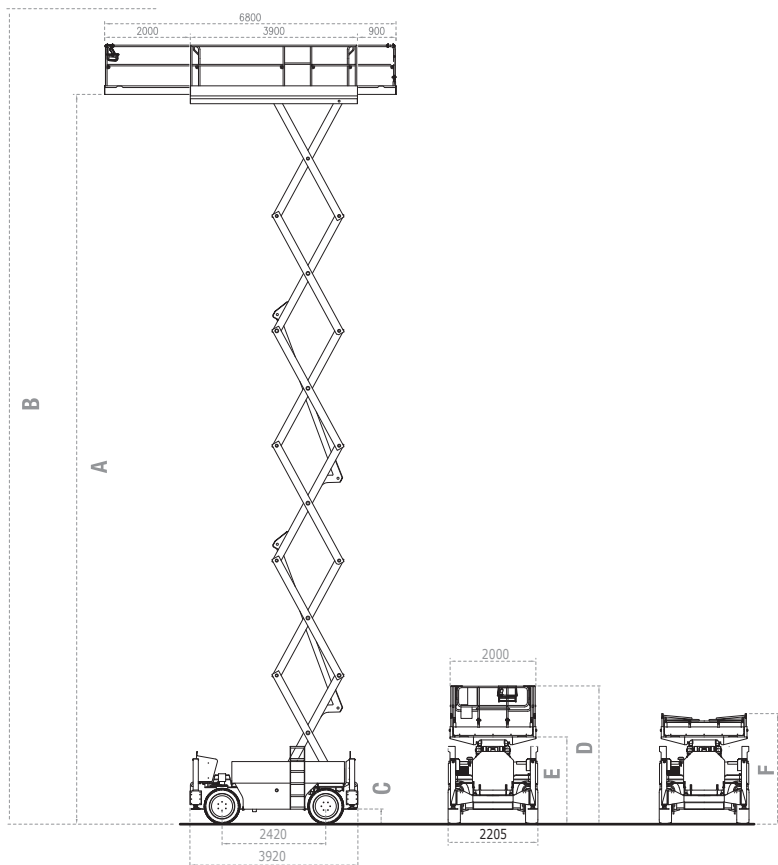
STANDARD EQUIPMENT E

- 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

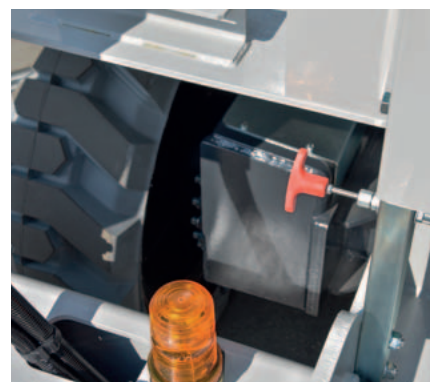
- Non marking tyres (IT 14220 D - IT 17220 D)
- Black tyres (IT 14220 E - IT 17220 E)





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