

# ELECTRIC SCISSOR LIFTS

## Series IM90

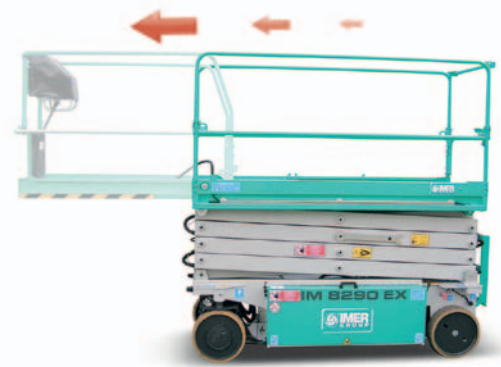
INDOOR AND OUTDOOR USE

### 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
- Control panel on the platform with capacitive buttons, proportional controls and diagnostics

### OPTIONALS

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



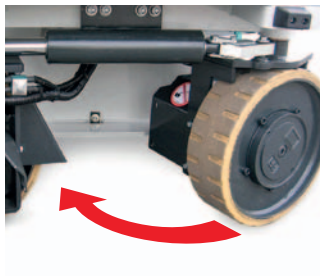
Manual deck extension 1.3 m



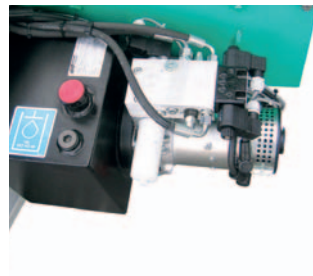
New design of the AWP and the scissor pack



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



90° steering angle



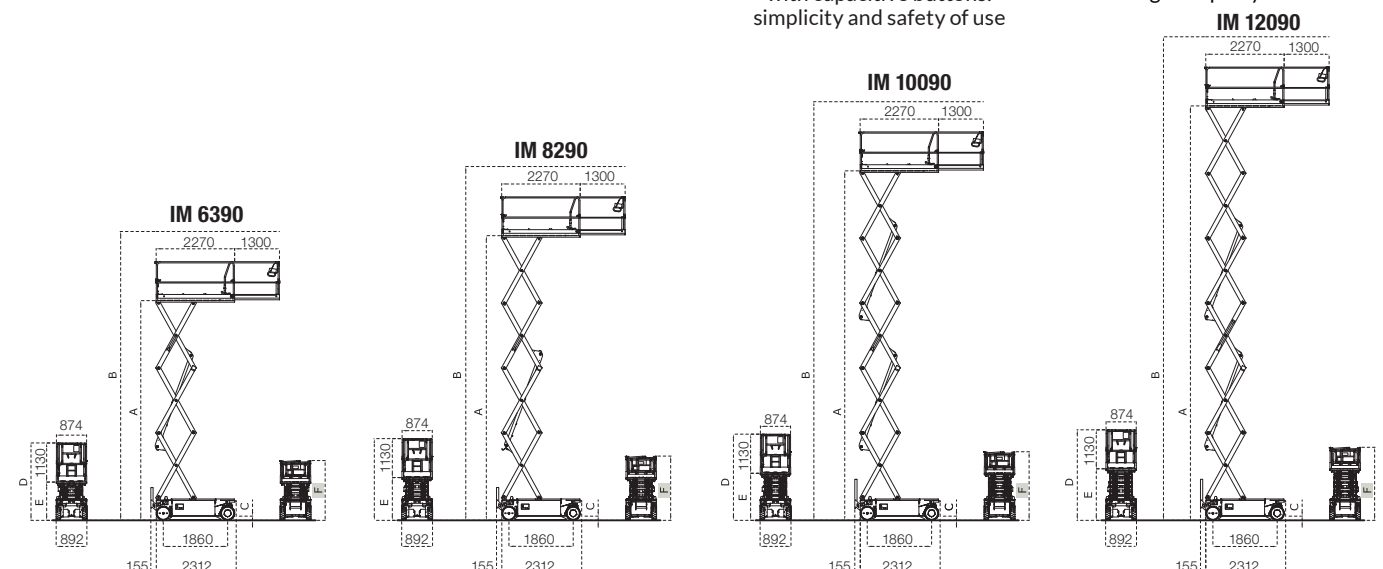
Hydraulic power pack



Control panel on the platform with capacitive buttons: simplicity and safety of use



Large battery compartment to place higher capacity batteries



**8,3 m**  
working height



**IM 6390**  
**IM 6390 EX**

**IM 8290**  
**IM 8290 EX**



**10,2 m**  
working height



**IM 10090**

**12 m**  
working height

**IM 12090**



**14 m**  
working height

		INDOOR USE	INDOOR / OUTDOOR USE	INDOOR USE	INDOOR / OUTDOOR USE	INDOOR USE	INDOOR USE
		IM 6390	IM 6390 EX	IM 8290	IM 8290 EX	IM 10090	IM 12090
Number of scissors		3	3	4	4	5	6
A	mm	6300	6300	8200	8200	10000	12000
B	mm	8300	8300	10200	10200	12000	14000
C (Pot-hole raised/lowered)	mm	123/24	123/24	123/24	123/24	123/24	123/24
D	mm	2238	2238	2364	2364	2492	2619
E	mm	1108	1108	1235	1235	1362	1489
F	mm	1731	1731	1858	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	24 / 3.0	24 / 3.0	24 / 3.0	24 / 3.0	24 / 3.0
Lifting power pack - hydraulic type	V / kW	24 / 3.0	24 / 3.0	24 / 3.0	24 / 3.0	24 / 3.0	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	Lt.	17	17	17	17	17	17
Traction speed	km / h	0 -:- 4	0 -:- 4	0 -:- 4	0 -:- 4	0 -:- 4	0 -:- 4
Safety traction speed	km / h	0,6	0,6	0,6	0,6	0,6	0,6
Gradeability	%	25	25	25	25	25	25
Internal steering radius	m	0	0	0	0	0	0
External steering radius	m	2,22	2,22	2,22	2,22	2,22	2,22
Tyre dimensions	mm	410 x 130	410 x 130	410 x 130	410 x 130	410 x 130	410 x 130
Tyre type		cushion	cushion	cushion	cushion	cushion	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