

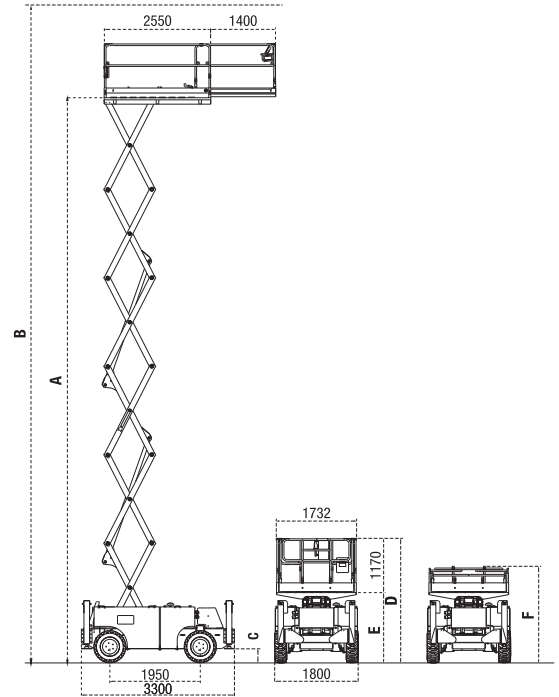
DIESEL-ELECTRIC SCISSOR LIFTS

Series IT 180

INDOOR AND OUTDOOR USE

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)



Manual deck extension 1.4 m



Sturdy, simple and intuitive control box on platform

IT 10180



12,2 m
working height

IT 12180



13,9 m
working height

		IT 10180		IT 12180	
Number of scissors		5		6	
		IT 10180 D	IT 10180 DE	IT 12180 D	IT 12180 DE
A	mm	10200		11900	
B	mm	12200		13900	
C	mm	300		300	
D	mm	2545		2685	
E	mm	1375		1515	
F	mm	1940		2080	
Capacity (including 3 people)	kg	500		-	
Capacity (including 2 people)	kg	-		350	
Diesel engine	kW	14,6		14,6	
Electric motor	V / kW	-	24 / 4	-	24 / 4
Start-up battery	V/Ah	12 / 66		12 / 66	
Traction battery	V/Ah	-	24 / 400	-	24 / 400
Start-up battery weight	kg	38		38	
Traction battery weight	kg	-	290	-	290
Battery charger	V/A	-	24 / 80	-	24 / 80
Oil tank capacity	Lt.	35		35	
Traction speed 2 WD / 4 WD	km/h	Dies. = 4,5/1.2 Elect. = 2,8/0,75		Dies. = 4,5/1.2 Elect. = 2,8/0,75	
Traction speed (security)	km/h	0,6		0,6	
Gradeability	%	35% Diesel / 20% battery		35% Diesel / 20% battery	
Internal steering radius	m	1,90		1,90	
External steering radius	m	4,51		4,51	
Tyre dimension	mm	259 x 695		259 x 695	
Tyre type		27 x 10.5 - 15"		27 x 10.5 - 15"	
Max side/longitudinal tilt angle	degrees	2 / 3		2 / 3	
Total weight	kg	4650		4810	