

SCISSORLIFTS WITH DOUBLE DECK EXTENSION



# X XL20 RTH

# XL20 RTE



HYBRID<sup>4x4</sup>

# AIRO

SAFELY, HIGHER.



ELECTRIC<sup>4x4</sup>



MADE IN ITALY



## PERFORMANCES

High performance and versatility make this series particularly suitable for work on construction sites, but also for industrial maintenance work thanks to its powerful but eco-friendly electric motor and non-marking off-road tyres.

## ADVANTAGES

The huge double deck platform (up to 7.4m), with a load capacity of 700kg (including up to 6 people), driveability up to the maximum working height, 4WD with oscillating axle that guarantee excellent control in the rough terrain, the AC motor drive enables low maintenance costs and zero-emission operation. All advantages that place this series at the top of the industry.

## VALUES

40 years of experience in design and manufacturing are a guarantee of reliability and durability.



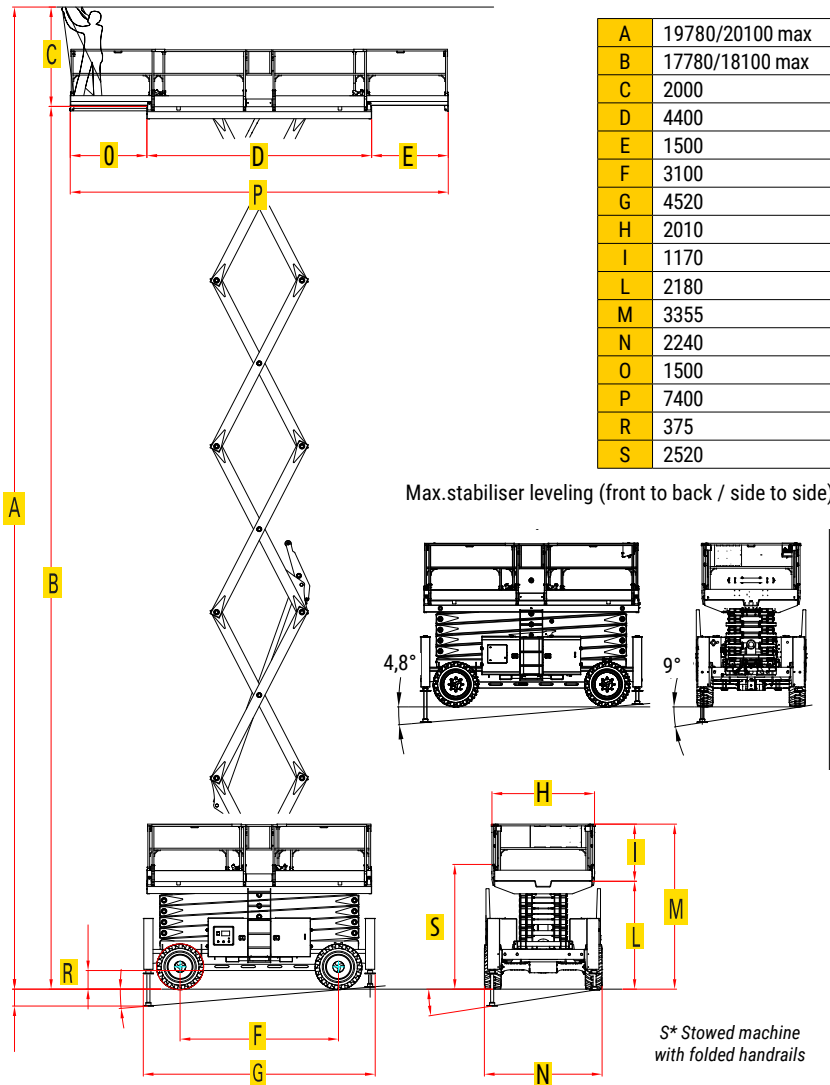


# XL20 RTH XL20 RTE



Dealer

## Technical data



## Standard Equipment

- Electric drive with AC motor and mechanical transmission with 4 WD / 2 WS and oscillating axle
- Proportional controls for drive, lifting and lowering
- Manual differential lock
- Huge deck with 2 lateral full height entry gates and foldable handrails
- Electric scissor protection
- Horn, hour meter and inclinometer
- Tilt switch dependent on travel height
- Pin based load limiter on platform
- Ground Control System with integrated diagnostics via touch screen (Advanced Touch Control System) with simple and intuitive icons
- Removable platform console with base connection for loading/unloading operations
- 4 Hydraulic stabilizers with automatic and manual levelling and flashing warning lights
- Lateral forklift pockets
- Anchorage and lifting points
- 230V electric line predisposition on the platform
- Non Marking Solid Air Tyres
- Telematic connector
- Declaration of conformity  $\text{CE}$
- **ONLY RTH VERSION**
- 230V supply in platform via generator unit
- Operating during charging batteries
- Lithium-ion battery, charging via HF48V/50A battery charger or generator in approx. 4h
- Use in "Automatic Hybrid" or "Full Electric"

## Options & Accessories

- Control box protection cap
- 230V power line on platform
- 230V power line on platform with circuit breaker
- SAFE Secondary protection system
- Fleet management Kit
- Powered Dual Deck Extension
- Air/Water line to platform with quick coupling
- **ONLY RTE VERSION**
- Traction battery 48V/ 520Ah
- Kit for centralized battery topping
- **ONLY RTH VERSION**
- SUPERCHARGER battery quick charge through motor-generator

TECHNICAL SPECIFICATIONS		XL20 RTE	XL20 RTH
Max. working height	mm	19780	19780
Max. platform height	mm	17780	17780
Max. travel height	m	max	max.
Total capacity /n° of persons	kg	700/6	700/6
Capacity on deck extension	kg	520/4	520/4
Manual roll-out extension deck, both sides	m	1,50	1,50
Lifting time	s	110	110
Lowering time	s	90	90
Power supply		2 electric motors AC 8.5 - 12 kW	Diesel YANMAR 3TNV74F-SDSA 14,2kW/ 2 electric motors AC 8.5 -12 kW
Starter battery	V/A	-	13/135
Battery charger	V/A	48V 60 A	48 V 50A
Battery capacity	V/Ah(cs)	48V 455 Ah	LiFePO4 48/300Ah
Oil tank capacity	l	90	90
Fuel tank capacity	l	-	30
Drive speed (safety/fast)	Km/h	0,4/4,5	0,4/4,5
Inclination long. /trasv.	°	3-5/1,5 - 4	3-5/1,5 - 4
Gradeability	%	40	40
Inside / Outside turning radius	m	4,30/7,55	4,30/7,55
Tyres size /type	mm	Ø 300 Solid Air	Ø 300 Solid Air
Total weight	kg	11035	11035

Remark: version without outriggers available on request

Tigieffe Srl follows a policy of continuous product improvement. Photographs used may represent version including accessories and options. Specifications are indicative and subject to change without notice. Some accessories or national standards may result in a weight increase. Technical specifications may vary according to national standards or in addition of optional version.



**AIRO by TIGIEFFE S.r.l.**  
Via Villa Superiore, 82 - 42045 Luzzara (RE) - Italy  
Ph. +39 0522 977365 - Fax: +39 0522 977015  
info@airo.com - www.airo.com