

**TECNA, THE MOST EFFICIENT
AND RELIABLE, LOYAL AND
SECURE PARTNER FOR THE
LOGISTICS AND MAINTENANCE
OF YOUR COMPANY.**



RANGE TA25

TECNA
2000

Tractor

Four wheels, two front AC
drive motor, 80 V., with TECNA
technology Vector control.





**ALL TECHNOLOGICAL ADVANCES OF
TECNA CONCENTRATED IN THIS
NEW SERIES:**

The last concept in simplicity, user friendly and pulling power of 5.000 Nw. Drawbar max pull of 16.000 Nw.

Modern tractor: The last electronic technology. It is able to pull charges of 25.000 Kg.

AC Drive bi-motor: Bigger yield and autonomy.

Vector control.

Ergonomic operator compartment: accessible and anti-slip floor. Seat weight adjustment.

Roof protector.

Anti turning curves system.

Final solution to pull charges with turning radius in order to work in reduced areas.

Automatic system permits to approach the tractor to the charge.



Security

Operation control system for speed reduction at curves (Anti turning)

System for speed reduction control in determined areas (High Security).(optional).



Productivity

Three phase AC drive motors, 80V, 2 x 7,5 Kw power.

TECNA vector control.

TECNA batteries:
TA25 80 V. - 620 A (49,6 kW power)



Ergonomics

Functional and comfort operator compartment.

Great comfort seat, safety belt weight adjustment and height and leaning-back positioning. Arm-rest included.



Display

Display with digital hour meter, battery indicator and constantly providing the driver information on the system conditions of the tractor.

P.M service count-down.

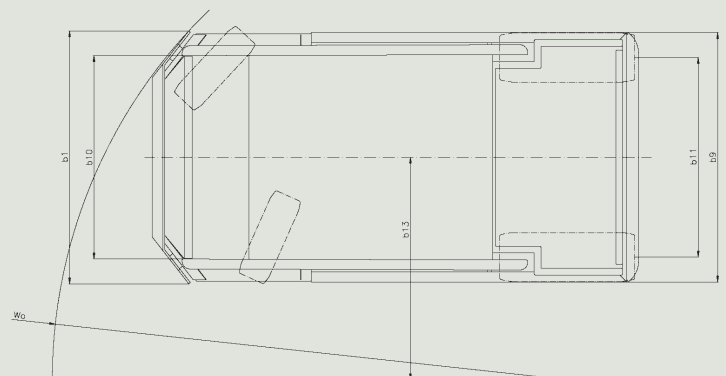
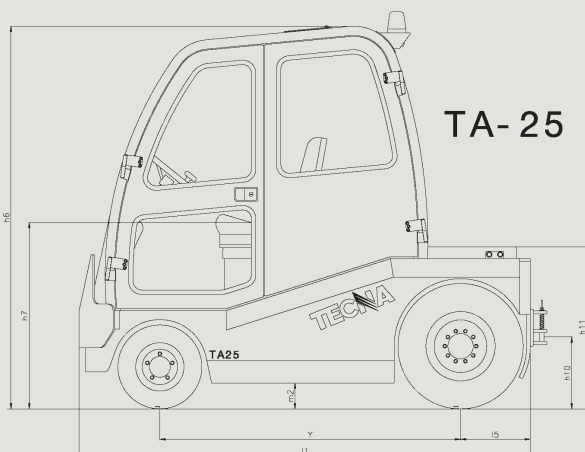
Programmable for optimum adaptation of tractor characteristics(Acceleration, speed, deceleration, braking, etc.)

Diagnosis information and warning indicators.

TECHNICAL SPECIFICATIONS ACCORDING TO VDI 2198

Distinguishing mark	1.1	Manufacturer (Abbreviation)		TECNA
	1.2	Model: Manufacturer's designation		TA-25
	1.3	Drive: Electric, Battery, Diesel, Petrol, Fuel gas		Battery
	1.4	Operator position: Hand, Pedestrian, Standing, Seated		Seated
	1.5	Load capacity/Rated load	Q (t)	----
	1.7	Rated drawbar pull	F (N)	5000
	1.9	Wheelbase	y (mm)	1620
Weight	2.1	Service weight	kg	3260
	2.2	Axle loading, laden front/rear	kg	----
	2.3	Axle loading, unladen front/rear	kg	1465/1795
Tyres, Chassis	3.1	Tyres: SE=Superelastic, N=Pneumatic		SE
	3.2	Tyre size, front		18x7-8
	3.3	Tyre size, rear		27x10-12
	3.5	Wheels, number front/rear (x=driven wheels)		2 / 2X
	3.6	Tread, front	b10 (mm)	1000
	3.7	Tread, rear	b11 (mm)	1000
	Dimensions	4.7	Height of overhead guard (cabin)	h6 (mm)
4.8		Seat height	h7 (mm)	1005
4.12		Coupling height	h10 (mm)	387/442
4.13		Load height, unladen	h11 (mm)	----
4.16		Length of loading surface	l3 (mm)	----
4.17		Overhang	l5 (mm)	557
4.18		Width of loading surface	b9 (mm)	----
4.19		Overall length	l1 (mm)	2525
4.21		Overall width	b1 (mm)	1250
4.32		Ground clearance, centre of wheelbase	m2 (mm)	140
4.35		Turning radius	Wa (mm)	2564
4.36	Internal turning radius	b13 (mm)	1115	
Performances	5.1	Travel speed, laden/unladen	km/h	----/23
	5.5	Drawbar pull, laden/unladen	N	----/5000
	5.6	Max. Drawbar pull, laden/unladen	N	----/16000
	5.7	Gradeability, laden/unladen	%	Consult
	5.8	Max. gradeability, laden/unladen	%	Consult
	5.10	Service brake		Hydraulic/Eléctric
Electric-Motor	6.1	Drive motor rating S2 60 min	kW	2 x 7,5
	6.3	Battery acc. to DIN 43531/35/36 A,B,C, no		43536 A
	6.4	Battery voltage, nominal capacity K5	V/Ah	80/625
	6.5	Battery weight	kg	1485
	6.6	Energy consumption acc. To VDI cycle	kWh/h	----
	Addition data	8.1	Type of drive control	
8.4		Sound level at the driver's ear acc. To DIN 12 053	dB (A)	----
8.5		Towing coupling, type DIN		Pin

TECNA products and Specifications are submitted to modifications without previous notification.





TECNA 2000

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Tecna 2000 possesses certificates for legal audits under the system for labour safety carried out by A.S.G. (Audit Management Systems).