

PANTER S

Lifting the future



New generation
Multi-use electrical forklifts

Ergonomics

Cabin with same sizes as
high tonnage forklift trucks

Joystick and finger options

Ergonomic operator seat
with seatbelt, weight and
height setting

Safety

Regenerative system that
slows down when gas pedal
is released

Anti - skid system on the
ramp



Safe driving mode
when cornering

Safe driving mode when
elevator is in the 2nd level

Elevator which can operate
within the container

Efficiency

Brushless AC System
propeller engines
80V 2x10 kW

Brushless AC System pump
engines 80V / 24 kW

Battery

80V / 620 A



Long - term used
traction battery

Multifunctional LCD display

Digital Failure
Reporting System

Protection system in
risky situations

Warning system for
maintenance time

Control system adjustable
according to operating
conditions (travel and
hydraulic speeds, brake etc.)



Technical Specification

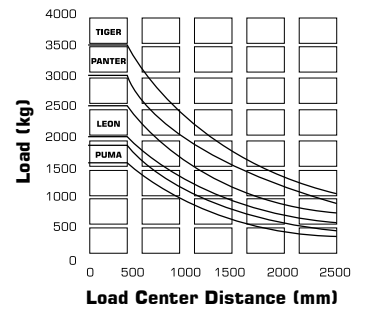
General Features	Brand / Modal		PANTER S
	Type		Battery Powered
	Lifting Capacity	Q (t)	3
	Load Base	C (mm)	500
	Mirror Front Axle Distance	X (mm)	457
	Wheel Base	Y (mm)	1720
Weights	Weight of Forklift Truck (With Standard Battery)	kg	5385
	Axle Load, Full-Load, Front / Rear	kg	7363 / 1022
	Axle Load, No-Load, Front / Rear	kg	2500 / 2885
Tyres	Tyres		SE
	Front Tyre Size		7.00 - 12
	Rear Tyre Size		21 x 8-9
	Number of Tyres, Front / Rear		2x / 2
	Front Tyre Distance	b10 (mm)	1028
	Rear Tyre Distance	b11 (mm)	890
Measures	Elevator Tilt Angle, Front / Rear	Grad	6 / 6
	Elevator Descending Height	h1 (mm)	2236
	Free Lift	h2 (mm)	150
	Lift Height	h3 (mm)	3306
	Elevator Outdoor Height	h4 (mm)	3964
	Operator Top Guard Height	h6 (mm)	2200
	Seat Height	h7 (mm)	1150
	Total Length	L1 (mm)	3467
	Length from Fork Front Face	L2 (mm)	2367
	Total Width	b1 (mm)	1216
	Fork Dimensions, Thickness, Width x Length	s/e/1(mm)	45 x 100 x 100
	Fork Handling Mirror Class		3A
	Fork Handling Mirror Width	b3 (mm)	1100
	Elevator's Ground Clearance, Loaded	m1 (mm)	150
	Ground Clearance of Chassis	m2 (mm)	150
	Working Aisle Width with Palette of 1000 x 1200	Ast (mm)	3710
	Working Aisle Width with Palette of 1200 x 800	Ast (mm)	3908
	Turning Radius	Wa (mm)	2051
Performance	Travel Speed, Loaded / Unloaded	km/h	18 / 18
	Lifting Speed, Loaded / Unloaded	m/s	0,59 / 0,48
	Landing Speed, Loaded / Unloaded	m/s	0,48 / 0,46
	Climbing, Loaded / Unloaded	%	9 / 15,5
	Max. Climbing, Loaded / Unloaded	%	12 / 20
	Service Brake		Hydraulic / Electric
Electric Motor	Travel Motor Power	kW	2 x 10
	Lifting Motor Power	kW	24
	Battery Voltage, Capacity	V/Ah	80x620
	Battery Weight	kg	1558
Information	Driver Control Type		AC / Inverter
	Operating Pressure for Attachment	bar	140
	Driver Sound Level	dB (A)	65

Technical Specification

Elevator Sizes (mm)

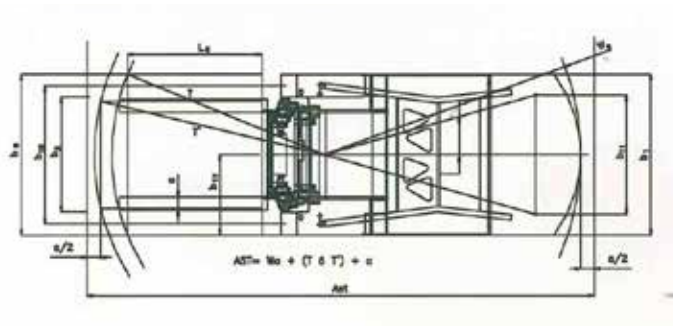
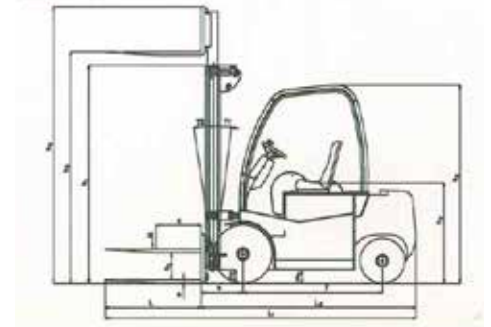
Type	Lifting Height	Free Lift	Elevator Descending Height	Elevator Outdoor Height	Elevator Tilt Angle, Front / Rear
	PANTER S				
Two - Stage Elevator	3080	150	2123	3738	6 / 6
	3306 ¹	150	2236	2964	6 / 6
	3630	150	2398	4288	6 / 6
	3930	150	2698	4888	6 / 6
	4230	150	2848	5188	6 / 6
	4530	150	2848	5188	6 / 6
Two - Stage Free Lifting Elevator	3130	1430	2123	3823	6 / 6
	3350	1543	2236	4043	6 / 6
	3700	1720	2413	4393	6 / 6
	4100	1920	2613	4793	6 / 6
	4500	2120	2813	5193	6 / 6
	4900	2320	3013	5593	6 / 6
Three - Stage Free Lifting Elevator	4660	1430	2123	5353	6 / 6
	5000	1543	2236	5693	6 / 6
	5500	1720	2413	6193	6 / 6
	6000	1920	2613	6693	6 / 4
	6500	2120	2813	7193	6 / 4
	7000	2320	3013	7693	6 / 2

Load Diagram



Lifting Capacity Measurements (kg)

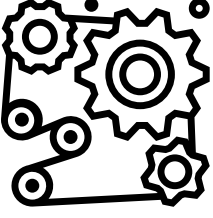
Modal	PANTER S			
Superelastic Tyre	7.00 - 12			
Front Tyre Distance	1028			
	Fork Handling Mirror		Integral Side Shift	
	C (mm)	C (mm)	C (mm)	C (mm)
Two - Stage Elevator	500	600	500	600
	3000	2725	2775	2525
	3000	2725	2775	2525
	3000	2725	2775	2525
	3000	2725	2775	2525
	3000	2725	2775	2525
Two - Stage Free Lifting Elevator	2875	2725	2725	2525
	3000	2725	2725	2525
	3000	2725	2725	2525
	3000	2725	2725	2525
	3000	2725	2725	2525
	2900	2725	2750	2525
Three - Stage Free Lifting Elevator	2650	2600	2500	2450
	2800	2725	2650	2525
	2575	2525	2450	2400
	2250	2200	2125	2100
	1925	1900	1825	1800
	1650	1625	1550	1525
	1375	1375	1325	1300



PANTER S

Travel

Driving comfort is provided with ergonomic operator cab. Operator-friendly use ensures comfortable and relaxing work with adjustable steering wheel and seat. Its easy-to-use joystick is precise and ergonomic. Power steering contributes to quick and easy operation. The sound level while driving complies with DIN 12053 <65 dB.



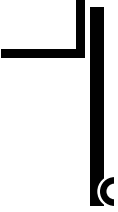
AC Motor and Technology

AC Motor and Technology are designed to be able to operate travel and pump motors in the most difficult conditions with the charcoal-free AC system. In addition, engine maintenance periods are extended and usage costs are reduced in this way.



Elevator

With wide field of view 2-Stage (Dublex), 2-Stage free lifting (Dublex Full Free), 3- Stage (Triplex Full Free) elevator options are available. Safe driving mode is activated when travelling in the 2nd Stage with elevator loaded.



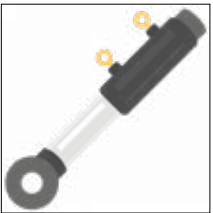
Transmission

Easy-to-use joystick system provides quick movement with directing system.



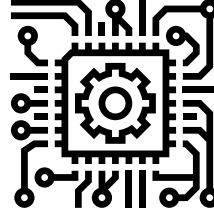
Hydraulic System

Hydraulic system that is designed to work under the most difficult and severe conditions is supported by powerful pump and high pressure resistant hose and pipes. Minimum risk is aimed with safety valves that prevent the elevator from falling down in case of undesired failure.



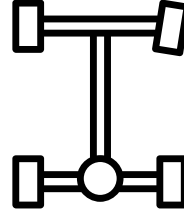
Control

The frequency controlled electronic system is intended for precise operation, failure control and safe driving. The multi-function card system provides the possibility to use completely according to working conditions. It is aimed to operate forklift truck more efficiently and with longer life through maintenance follow-up and failure warning reports.



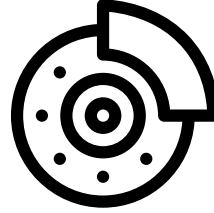
Steer Axle

The axles, which enable to work in confined spaces, contribute to correct and maximum use of your storage space.



Brakes

Multidisk System Brake System provides long lasting use. The system has brakes capable of continuous lubrication. Maximum safety is aimed with regenerative braking system.



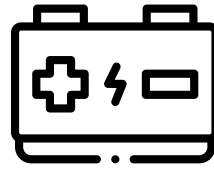
Chassis

Custom-engineered chassis is made of solid and durable materials and both forklift life and operator safety have reached maximum level.



Battery

Batteries, in which elastic cable connections are used, are produced in accordance with working conditions; in this way maximum performance is achieved.



CE Safety

These machine types are produced in full compliance with CE standard. These specifications may subject to change without any notice.



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