

E-COMPACT FORKLIFT

PSE SERIES



PAUS
...the people who care

E-COMPACT FORKLIFT

PSE 10

PSE 13

PSE 15

PSE 18



PSE SERIES

THE NEW PAUS E-COMPACT FORKLIFT

100% POWER – AS POWERFUL AS A DIESEL FORKLIFT

The new Paus PSE series: compact forklifts which prove their value and are in no way inferior to diesel forklifts.

The extremely agile and energy-efficient Paus heavy-duty PSE forklift comes standard in 4 sizes: a load capacity of 10, 13, 15 and 18 tonnes. Other sizes are available upon request.

It features compactness with power and shines when it comes to environmental compatibility.

PRODUCT HIGHLIGHTS:

- **PAUS E-COMPACT FORKLIFT**
- **ENERGY-EFFICIENT AND ROBUST**
- **MADE IN EMSLAND** (Germany)
- **HEAVY-DUTY FORKLIFTS** of the new PSE series
- **10 t –13 t** | Total length only 4,000 mm
- **15 t –18 t** | Total length only 4,250 mm

It is rugged, quiet and guarantees a pleasant climate in a restricted space over the long term. By operating without exhaust gas, it not only enables employees to have clean air, but also provides the option of use in areas where work is done under sensitive conditions.

Reduce high maintenance and repair costs, see the advantage of how easy it is to handle battery replacement and benefit from these advantages. It is worth it.

PAUS – QUALITY FROM EMSLAND THAT PAYS OFF!



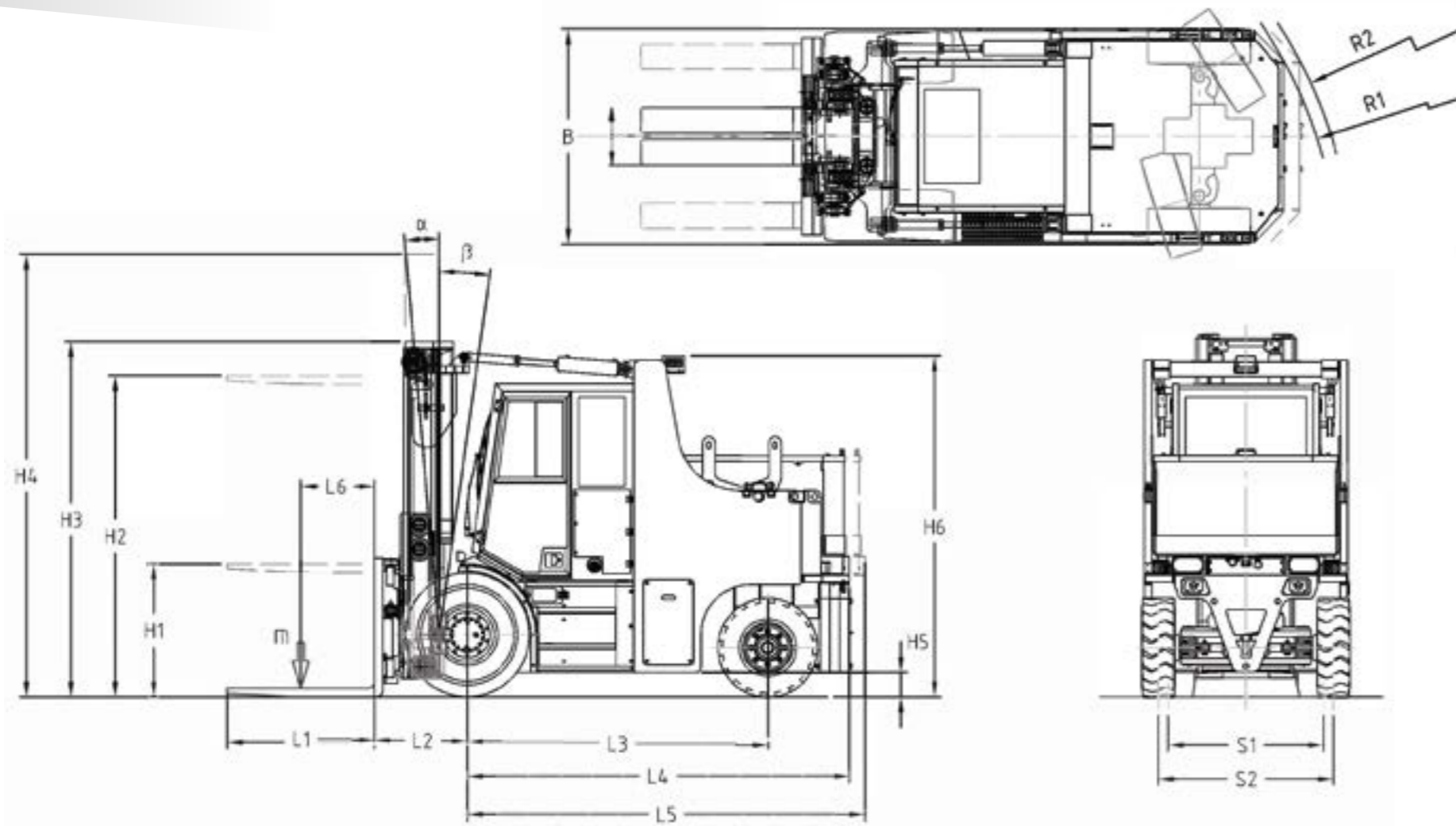
PAYLOAD

	PSE 10	PSE 13	PSE 15	PSE 18
Load capacity	10,000 kg	13,000 kg	15,000 kg	18,000 kg
Centre of gravity	600 mm			

PSE SERIES

ENVIRONMENTALLY FRIENDLY

HEAVY-DUTY FORKLIFTS OF THE NEW PSE SERIES



DIMENSIONS

			PSE 10	PSE 13	PSE 15	PSE 18
Length with battery capacity	1240 AH	L4	2,960 mm	3,380 mm		
	1395 AH	L5	3,120 mm			
	1550 AH					
Width with tyres	Superelastic dual tyres	B	2,150 mm	2,350 mm		
	Solid-rubber tyres		1,670 mm	1,780 mm	1,980 mm	
	Height without mast	H6	2,750 mm	2,800 mm		
	Ground clearance	H5	200 mm			
	Length between centre of front axle and back of forks	L2	800 mm	850 mm		
	Wheelbase	L3	2,450 mm	2,630 mm		
Track width front/rear with tyres	Superelastic dual tyres	S1	1,560 mm	1,720 mm		
	Solid-rubber tyres		1,240 mm	1,370 mm	1,470 mm	
	Superelastic tyres	S2	1,430 mm			
	Turning radius, outside 1240 AH	R1	3,800 mm	4,100 mm		
	Turning radius, inside 1395 AH	R2	3,950 mm			
	Turning radius, inside 1550 AH	R3		4,100 mm		
Standard mast, simplex	Free lift	H1	1,200 mm	1,000 mm		
	Lift height	H2	1,800 mm	1,600 mm		
	Mast height, min.	H3	3,000 mm	3,000 mm		
	Mast height, max.	H4	3,300 mm	3,400 mm		
	Mast tilt forwards/backwards	α/β	8°/7°			
Forks	Width		200 mm	200 mm		
	Thickness		70 mm	90 mm		
	Length	L1	1,200 mm	1,200 mm		

PSE SERIES

WEIGHT

		PSE 10	PSE 13	PSE 15	PSE 18
Weight	With battery	15,200 kg	17,100 kg	23,500 kg	26,000 kg
	Without battery				
Axle load, front	Without load	7,400 kg	7,600 kg	11,000 kg	12,000 kg
	With load	22,900 kg	27,710 kg	34,400 kg	40,000 kg
Axle load, rear	Without load	7,800 kg	9,500 kg	12,500 kg	14,000 kg
	With load	2,300 kg	2,390 kg	4,100 kg	4,000 kg

TYRES

		PSE 10	PSE 13	PSE 15	PSE 18
Standard tyres	Solid-rubber tyres	Front	40"x16"x30"	40"x16"x30"	40"x20"x30"
	Superelastic dual tyres	Rear	300-15	355/50-20	
Optional tyres	Solid-rubber tyres	Front	40"x20"x30"		
	Superelastic dual tyres		2x10.00-20	2x12.00-20	

PERFORMANCE

		PSE 10	PSE 13	PSE 15	PSE 18
Lifting speed	Without load	0.25 m/s			
	With load	0.20 m/s			
Lowering speed	Without load	0.30 m/s			
	With load	0.35 m/s			
Speed	Without load	18.0 km/h			
	With load	15.0 km/h			
Gradeability	Without load	20 %			
	With load	10 %			
Tractive force		60 kN		80 kN	

STEERING AND BRAKE

		PSE 10	PSE 13	PSE 15	PSE 18
Steering	Type	Hydraulic steering system: Orbitrol steering unit			
Service brake	Type	Hydraulic multi-disk brake			
Parking brake	Type	Spring-actuated parking brake			

DRIVE TRAIN

		PSE 10	PSE 13	PSE 15	PSE 18
Type		Electric motor with differential gear			
Drive motor		34.0 kW		50.0 kW	
Inverter		DC-AC			

AUXILIARY HYDRAULIC SYSTEM (OPTIONAL)

		PSE 10	PSE 13	PSE 15	PSE 18
Pressure	Max.	200 bar			
Pump delivery rate	Max.	60 Ltr./min.			

PUMP UNIT WORKING HYDRAULICS

		PSE 10	PSE 13	PSE 15	PSE 18
Electric motor		34.0 kW		47.0 kW	
Hydraulic power		180 bar			

BATTERIES

		PSE 10	PSE 13	PSE 15	PSE 18
Dimensions	W x H x L	1,500 x 960 x 1,500 (1,660) mm		1,500 x 960 x 1,660 (1,820) mm	
Capacity	Standard	1,240 Ah		1,395 Ah	
	Option	1,395 Ah		1,550 Ah	
Voltage		120 V			
Weight	Standard	5,000 kg		5,530 kg	
	Option	5,530 kg		6,030 kg	



SINCE 1968

WWW.PAUS.DE



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WE CARE

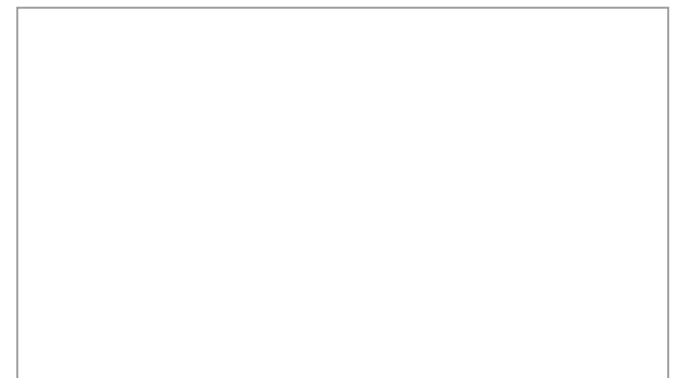
As a specialist for complete and special solutions Paus offers an extensive range of machines for mining and tunneling, lifttech and as well construction machines and industrial vehicles.

Paus stands for "Quality – made in Germany".

Our quality management system is certified according to ISO 9001.



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