



For Effective Underground Transport

Paus PFL / LHD - Loading Solution for Underground Mining



Compact Design



Z -Kkinematics for High Breaking Force



Robust Construction



Powerful Drive



Maintenance friendly



User friendly



Fire Fighting System

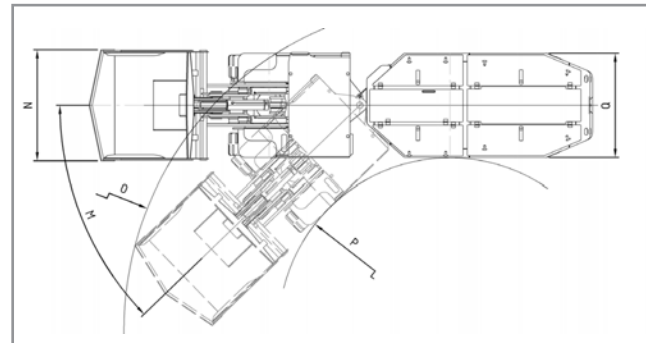
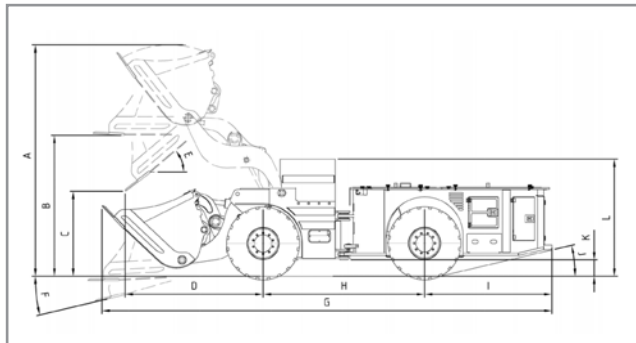


Worldwide, permanently trained service with our dealer network



Technical Data

Paus PFL (LHD) 8 / 10 / 20 / 30



	PFL 8	PFL 10
Payload	1.5 t	2.7 t
Bucket Volume heaped	0.8 m ³	1.2 m ³
Standard Operating Weight	6.300 kg	9.000 kg
Permissible front axle load	5.500 kg	8.500 kg
Permissible rear axle load	4.000 kg	5.500 kg
Engine Type	Deutz, different exhaust stages	Deutz, Cummins, different exhaust stages
Performance	69 kW	84 kW
Chassis	articulated oscillation steering	articulated oscillation steering, with oscillating rear axle
Drive Unit	Hydrostatic Drive	
Axles	Comer 128	Kessler D71
Tires	9.00 x 20	
Speeds	up to 15 km/h	up to 18 km/h
Breaking Force	up to 40 kN	up to 50 kN
Tipping Load	5.000 kg	8.000 kg
Lifting Time	4.0 s	4.0 s
Drawdown Time	3.0 s	3.0 s
Tipping Time	2.5 s	
Operating Temp.	-20°C up to +40°C	
Permissible Longitudinal Gradient	max. 35%	
Operating Altitude Above Sea Level	< 1.500 m	
A	appx. 3050 mm	appx. 3200 mm
B	appx. 1700 mm	appx. 1840 mm
C	appx. 900 mm	appx. 950 mm
E	appx. 45°	appx. 40°
G	appx. 5080 mm	appx. 7010 mm
H	appx. 2150 mm	appx. 2640 mm
K	appx. 200 mm	appx. 200 mm
L	appx. 1750 mm	appx. 1850 mm
M	appx. 45°	appx. 42°
N	appx. 1200 mm	appx. 1350 mm
O	appx. 3700 mm	appx. 4650 mm
P	appx. 1950 mm	appx. 2700 mm
Q	appx. 1180 mm	appx. 1380 mm

	PFL 20	PFL 30
Payload	4 t	6 t
Bucket Volume heaped	2.0 m ³	3.0 m ³
Standard Operating Weight	11.500 kg	18.500 kg
Permissible front axle load	10.500 kg	19.000 kg
Permissible rear axle load	7.000 kg	9.000 kg
Engine Type	Deutz, Cummins, different exhaust stages	Deutz, different exhaust stages
Performance	112 kW	150 kW
Chassis	articulated oscillation steering, with oscillating rear axle	
Drive Unit	Hydrodynamic drive, "full power shift"	
Axles	Kessler D71	Kessler D91
Tires	12.00 x 20	17.50 x 25
Speeds	up to 25 km/h	up to 25 km/h
Pulling Force	up to 85 kN	up to 115 kN
Tipping Force	9.500 kg	12.500 kg
Lifting Time	4.5 s	5.0 s
Drawdown Time	3.5 s	4.0 s
Tipping Time	2.5 s	
Operating Temp.	-20°C up to +40°C	
Permissible Longitudinal Gradient	max. 35%	
Operating Altitude Above Sea Level	< 1.500 m	
A	appx. 3700 mm	appx. 4020 mm
B	appx. 2100 mm	appx. 2130 mm
C	appx. 1200 mm	appx. 1370 mm
E	appx. 40°	appx. 42°
G	appx. 7100 mm	appx. 7500 mm
H	appx. 2600 mm	appx. 2800 mm
K	appx. 280 mm	appx. 270 mm
L	appx. 1850 mm	appx. 2150 mm
M	appx. 44°	appx. 42°
N	appx. 1600 mm	appx. 1850 mm
O	appx. 1650 mm	appx. 5350 mm
P	appx. 2450 mm	appx. 2750 mm
Q	appx. 1500 mm	appx. 1780 mm

All machines are also available with CE declaration, further variants and options are available upon request

Data Sheet PFL 833848201904 Änderungen vorbehalten. Abbildungen z. T. mit Sonderausstattungen