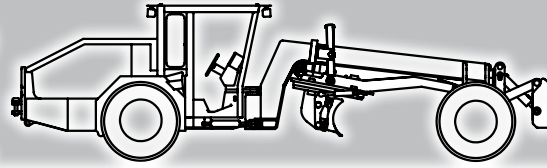
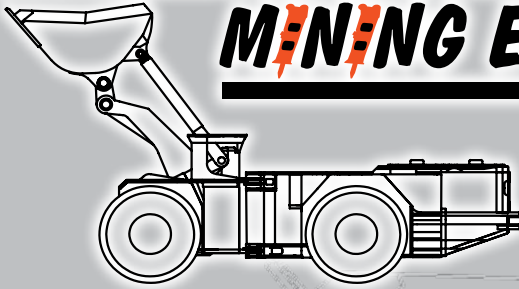


NPK



MINING EQUIPMENT



Mining and Tunneling

Load & Go



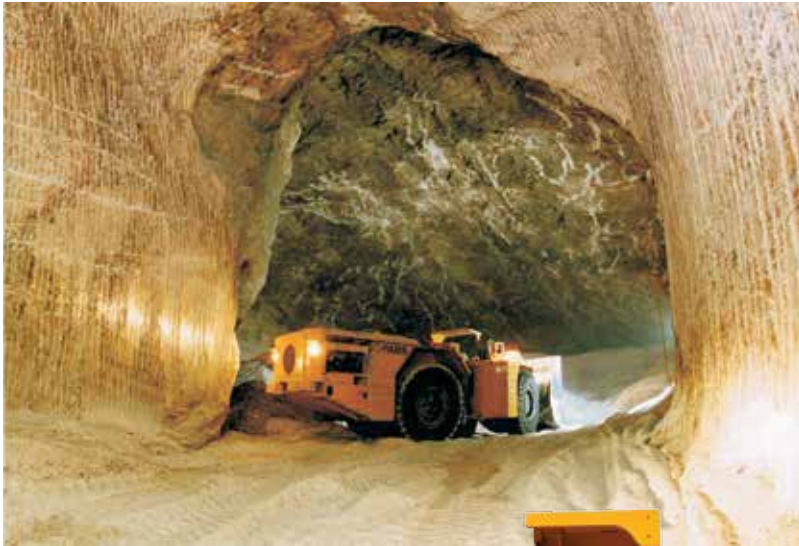
PFL 8
PFL 10
PFL 20
PFL 30

LHD - LOADER

LHD - Loader

The compact and maneuverable PAUS LHD - Loaders with payloads varying from 3,300 to 13,200 lbs (1,500 to 6,000 kg) have been working successfully in mining and tunneling for many years.

- Driver's cab on the front part of the vehicle equipped with ROPS / FOPS shelter
- Compact dimensions for optimum use - even in extremely narrow mining conditions
- Bucket capacities up to 3.9 cubic yards (3 m³)
- High breakout and tipping load forces
- Can be adapted to the customer's requirements



Side dump available



Operator's Comfort

Ergonomic cab.



Joystick Steering

Multifunctional joystick for driving direction and gear shift. Second joystick for lifting hydraulics.



Maintenance

Easy maintenance; filters and maintenance points are easily accessible. Hydraulic and electric system can be reached easily via maintenance flaps. Centrally located lubrication bars facilitate the greasing.

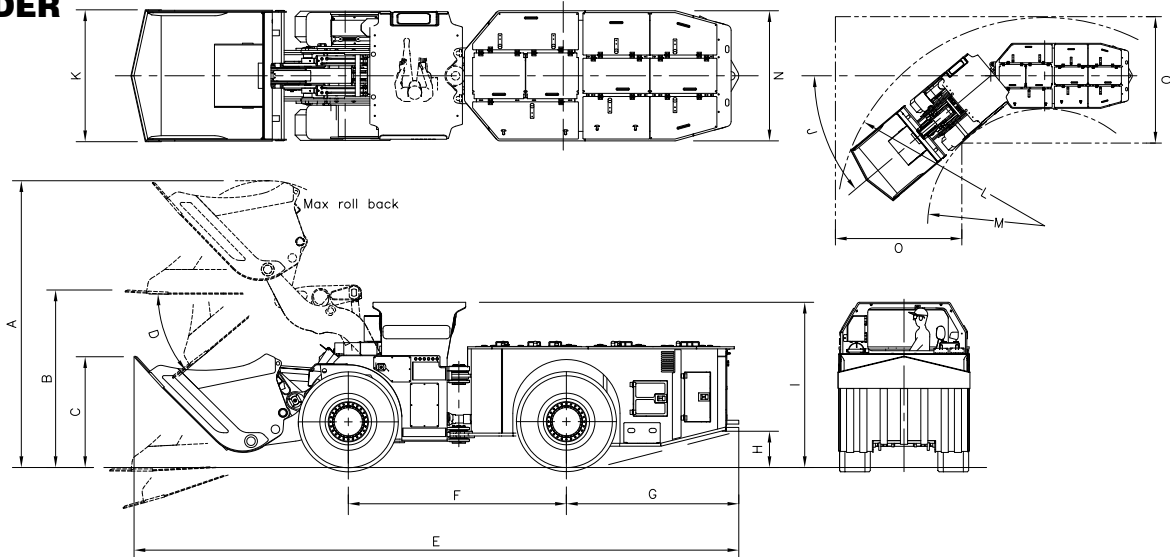
Options

- Various bucket versions available, e.g. side-tipping bucket, ejecting bucket, salt bucket, ore bucket, etc.
- Air-cooled or fluid-cooled engine available
- Diesel particulate filter (DPF)
- Catalyzer (DOC)
- Remote control
- Teleremote control
- Fire-extinguishing system (fully or semi automatic)
- Caster-wheel steering
- Tire protection chains
- Automatic central lubrication system
- Flameproof
- Other options on request



Optional quick change device for converting to different attachments within a few minutes so that a bucket, fork tines, working platform, scraper blade or crane jib can be utilized.

LHD - LOADER

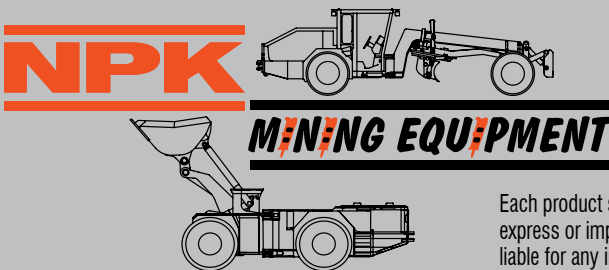


	PFL 8	PFL 10	PFL 20	PFL 30
Payload	3,300 lbs (1,500 kg)	5,500 lbs (2,500 kg)	8,800 lbs (4,000 kg)	13,200 lbs (6,000 kg)
Operating Weight	13,900 lbs (6,300 kg)	19,800 lbs (9,000 kg)	23,100 lbs (10,500 kg)	30,800 lbs (14,000 kg)
Engine	Cummins, water-cooled (others available)			
Engine Performance	93 hp (69 kW)	107 hp (80 kW)	140 hp (104 kW)	193 hp (144 kW)
Drive	Hydrostatic all-wheel drive		Hydrodynamic all-wheel drive	
Tires	9.00 R20	9.00 R20	12.00 R20	14.00 R24
Speed	11 mph (18 km/h)	12.5 mph (20 km/h)	15.5 mph (25 km/h)	15.5 mph (25 km/h)
Breakout Force	7,000 lbs (30 kN)	11,000 lbs (50 kN)	13,500 lbs (60 kN)	20,200 lbs (90 kN)
Tipping Load	11,200 lbs (50 kN)	18,000 lbs (80 kN)	21,400 lbs (95 kN)	28,100 lbs (125 kN)
Raise Time	3.5 sec.	4.0 sec.	3.5 sec.	5.0 sec.
Tipping Time	2.0 sec.	2.5 sec.	2.0 sec.	3.0 sec.
Heaped Capacity	1 cubic yard (0.8 m ³)	1.7 cubic yards (1.3 m ³)	2.6 cubic yards (2 m ³)	3.9 cubic yards (3 m ³)
Struck Capacity	0.8 cubic yard (0.6 m ³)	1.4 cubic yards (1.1 m ³)	2.2 cubic yards (1.7 m ³)	2.6 cubic yards (2 m ³)

* Other bucket sizes available based on material density

Approx. Dimensions*

A	10' 0" (3050 mm)	10' 6" (3200 mm)	12' 2" (3700 mm)	13' 2" (4020 mm)
B	5' 7" (1700 mm)	6' 0" (1840 mm)	6' 11" (2100 mm)	7' 0" (2130 mm)
C	2' 8" (810 mm)	2' 7" (800 mm)	3' 9" (1150 mm)	3' 7" (1100 mm)
D	45°	40°	40°	42°
E	19' 2" (5850 mm)	23' 0" (7010 mm)	23' 4" (7100 mm)	24' 7" (7500 mm)
F	7' 0" (2150 mm)	8' 8" (2640 mm)	8' 6" (2600 mm)	9' 2" (2800 mm)
G	4' 3" (1300 mm)	6' 9" (2070 mm)	7' 2" (2190 mm)	7' 3" (2220 mm)
H	0' 8" (200 mm)	0' 8" (200 mm)	0' 11" (280 mm)	0' 11" (270 mm)
I	5' 9" (1750 mm)	6' 1" (1850 mm)	6' 2" (1890 mm)	6' 7" (2015 mm)
* Low profile machines available				
J	45°	42°	44°	42°
K	3' 11" (1200 mm)	4' 5" (1350 mm)	5' 3" (1600 mm)	6' 1" (1850 mm)
L	12' 2" (3700 mm)	15' 3" (4650 mm)	16' 7" (5050 mm)	17' 7" (5350 mm)
M	6' 5" (1950 mm)	8' 10" (2700 mm)	9' 6" (2900 mm)	9' 0" (2750 mm)
N	3' 10" (1180 mm)	4' 6" (1380 mm)	4' 11" (1500 mm)	5' 10" (1780 mm)
O	7' 9" (2370 mm)	9' 4" (2850 mm)	9' 8" (2950 mm)	11' 8" (3550 mm)



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