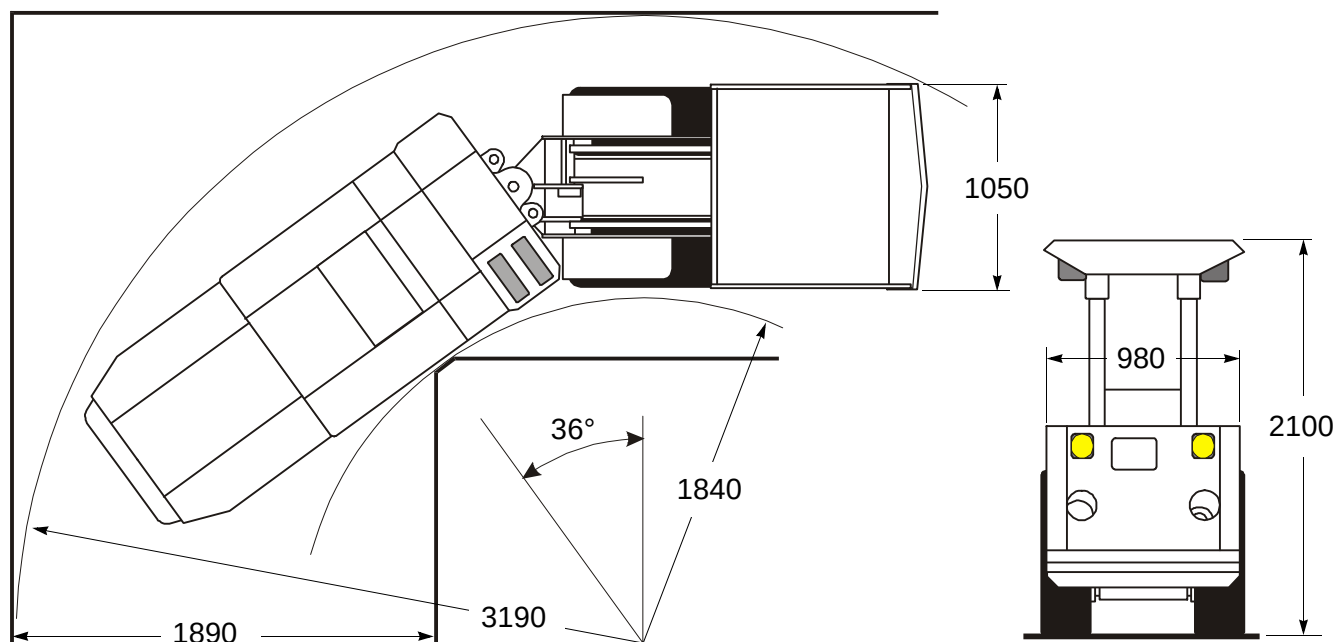
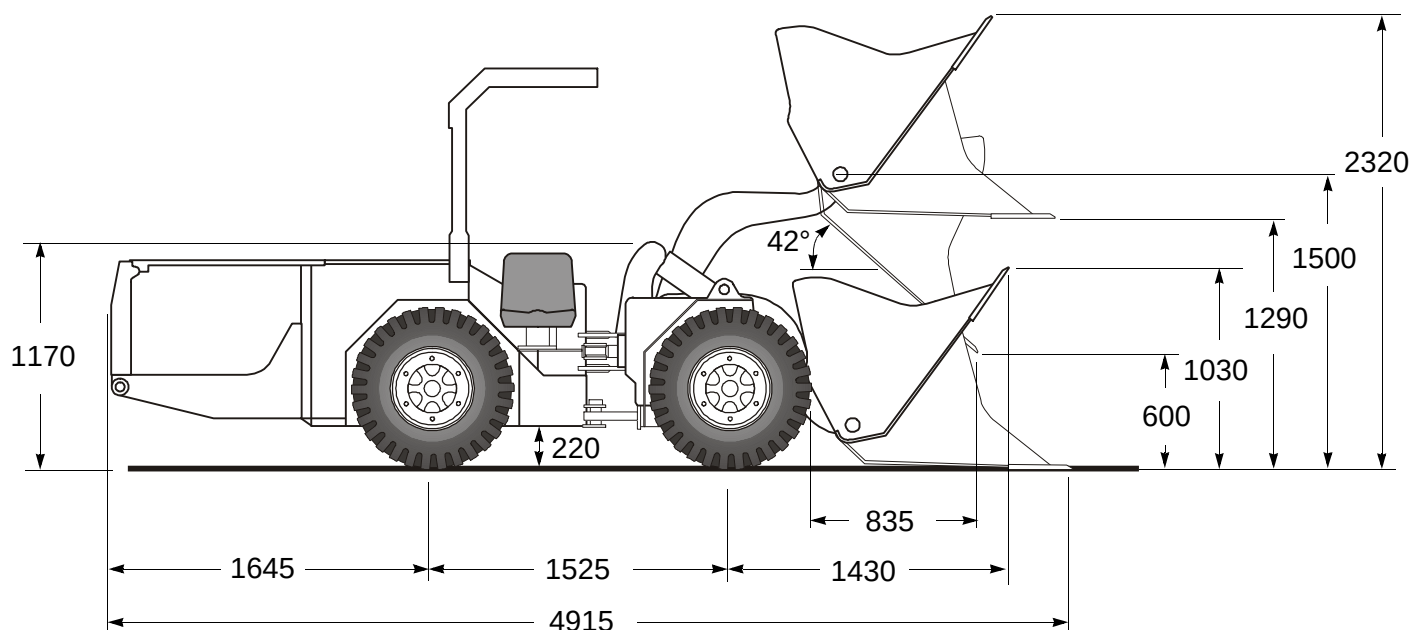




Capacities

Tramming capacity 1 000 kg (2 200 lb)
 Breakout force, lift..... 10.7 kN - 1 094 kg (2 407 lb)
 Breakout force, tilt..... 36.9 kN - 3 766 kg (8 285 lb)
 Tipping load 2 941 (6 470 lb)
 Bucket std. 0.54 m³ (0.7 yd³), 500 BNH lip

Bucket motion times

Raising time 2.6 sec.
 Lowering time 1.5 sec.
 Tipping time 4.1 sec.

Weights

Operating weight..... 3 300 kg (7 260 lb)
 Total loaded weight..... 4 300 kg (9 460 lb)

Axle weights without load

front axle 1 300 kg (2 860 lb)
 rear axle 1 900 kg (4 180 lb)

Axle weights with load

front axle 2 800 kg (6 160 lb)
 rear axle 1 400 kg (3 080 lb)

Driving speeds forward and reverse

Loaded..... 0 to 9 kph (0 to 5.6 mph)

Service capacities

Fuel tank 40 litre (10.5 gal.)
Hydraulic oil tank..... 62 litre (16.4 gal.)
Hydrostatic transmission oil tank..... 31 litre (8.2 gal.)

Engine

Diesel engine Deutz F3L 912 W
Output 33 kW (45 hp) / 2 500 rpm
Torque..... 170 Nm (lb-ft) / 1500 rpm
Number of cylinders In line 3
Displacement 2 827cm³
Cooling system..... Air cooled
Combustion principle..... 4-stroke, 2-stage combustion
Electric system 12 V
Air filter Oil bath air cleaner
Exhaust system..... ECS catalytic purifier

Transmission

Transmission..... Hydrostatic transmission
variable flow, fully reversible
Pump..... Linde, 0 to 42 cm³ / rev
Motor Linde, fixed 35 cm³ / rev

Transfer case

Type Gear
Location..... Rear axle

Axles

Front and rear Tamrock, fixed
No-spin in front axle
Central hinge oscillating ± 10°

Wheels

Tyres 7.50 x 15, L5
Air pressure, front & rear..... 350 kPa (3.5 bar)

Steering.....2 hydraulic cylinders

Steering control.....Frame steering, control lever
Articulation angle..... ± 36°

Main components:
Hydraulic pump HPI
Control valve Danfoss
Steering cylinders (2) ø 60 mm (2.36´´), Tamrock

Pressure settings:
Main relief valve 14.0 MPa (170 bar)
Port relief valves..... 17.5 MPa (175 bar)

Service Brake Hydrostatic transmission
Actuation Pedal

Parking and Emergency Brakes

TypeHydraulic oil immersed
multiple disc brakes inclosed in the rear axle
Actuation Emergency button
Spring applied, hydraulically released

Buckets hydraulics

Full hydraulic open center system with one gear pump.
Oil flows to bucket hydraulic system from the steering pump,
when steering is not used.
Equipped with mechanical dual control lever.

Main components:
Control valve.....Commercial hydraulics
Lift cylinder (1) ø 100/60 mm, Tamrock
Tilt cylinder (1) ø 120/60 mm, Tamrock
Fittings.....JIC

Pressure settings:
Main relief valve..... 14.0 MPa (140 bar)
Bucket tilt..... 6.0 MPa (60 bar)
Bucket roll-back..... 18.0 MPa (180 bar)
Boom raise 18.0 MPa (180 bar)
Boom lower..... 6.0 MPa (60 bar)

Frame

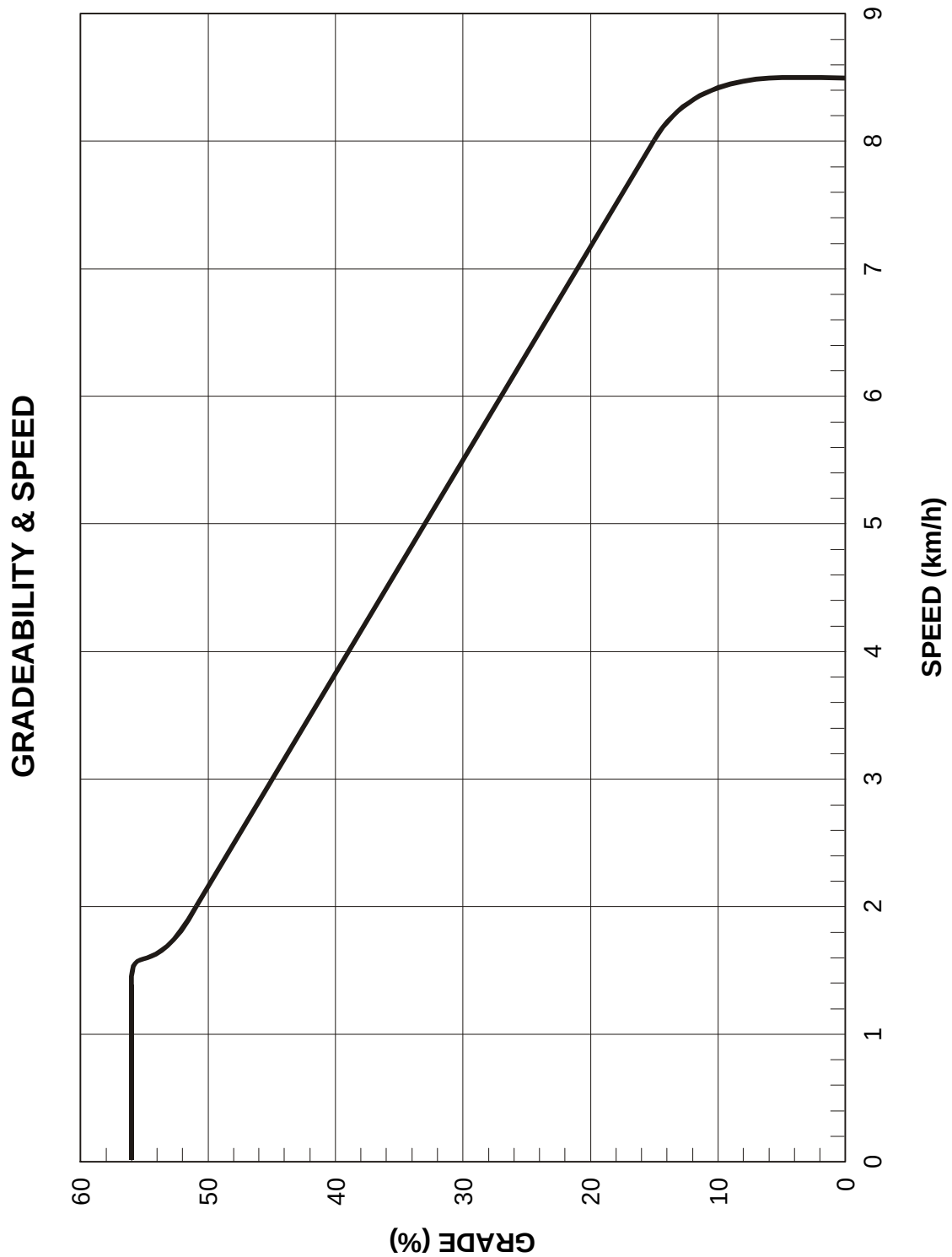
Rear and front frame Welded steel construction
Material.....E 36.3
Central hinge Spherical bearings
(large angle)

Electrical equipment

Alternator 14 V, 45 A
Battery 1 x 12 V, 95 Ah
Starter..... 1.7 kW, 12 V
Lights..... 2 pcs in front, 55 W
2 pcs in rear, 55 W

Optional equipment

Bucket width 950 mm (37 ´´), 0.5 m³ (0.7 yd³).
FOPS-ROPS canopy.
Back up alarm.
Emergency steering system.
Spare rim and tyre (Xmine D2).
Radio remote control.



PRODUCTIVITY CURVE

