

AC11

Anfo Charger for underground mining



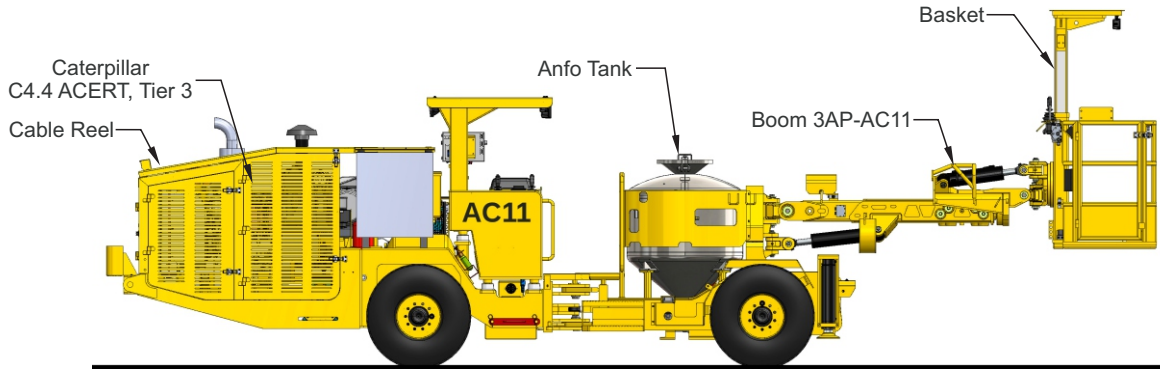
ANFO CHARGER AC11 is a heavy duty utility vehicle in underground mines for sections from 2.5 x 2.5 m to 4.5 x 4.5 m.

Equipped with tank ANFO load capacity up to 500 kg (density of 840 kg / m³).

Chassis for heavy duty, articulated 4WD self propelled with diesel engine Caterpillar C4.4 ACERT, Tier 3 of 106 kW .

Both roofs of the cabin and the basket certified with FOPS and ROPS.

SPECIFICATIONS



BASKET

- Loading capacity 300 kg
- Arm hydraulic control
- FOPS certification
- ANFO pneumatic control

BOOM

- Model Boom 3AP-AC11
- Boom extension 1000 mm
- Lift angle +48° / -23°
- Swing angle ±30°
- Hydraulic cylinders Parker

CARRIER

- Model S35
- Diesel engine Caterpillar C4.4 ACERT, Tier 3
 - Power 106 kW @ 2200 rpm
- Exhaust catalyzer DOC (Diesel Oxidation Catalyst)
- Transmission Hydrostatic
- Transmission pump Sauer Danfoss 90cc
- Hydrostatic motor Four MSE18 motors
- Rear axle oscillating ± 8°
- Tramming speed:
 - Horizontal max. 9 km/h
 - Positive ramp 15% max. 8 km/h
- Service brakes Hydrostatic
- Emergency and parking brakes SAHR (Spring Applied Hydraulic Release)
- Steering (articulated carrier) ±40°
- Tyres 10.00 x R15
- Hydraulic jacks 2 front
- Canopy FOPS / ROPS certification
- Fuel tank 26.4 gal / 100 l
- Battery 2x12 V, 95 Ah
- Electric system 24 VDC
- Tramming lights 8X, LED 28W, 9-32 VDC
- Video camera
- Centralized grease system SKF
- Automatic fire suppression system ANSUL, 4 nozzles
- Fire extinguisher 1x20 lb (PQS)

ANFO TANK

- Capacity 500 kg density of 840 kg / m³
- Electric connection 24 VDC

HYDRAULIC CONTROL SYSTEM

- Control valve Parker KA-10
- Hydraulic pump Parker
- Working pressure 180 bar
- Hydraulic oil tank 18.5 gal / 70 l
- Hydraulic return filter Parker, 10μ
- Oil cooler Parker
- Hydraulic filter saturation indicator Parker
- Low oil level indicator Hydac
- Oil temperature indicator Hydac
- Dual drive controls for boom (canopy and basket)

ELECTRIC SYSTEM

- Electric motor 15kW (20 HP)
- Voltage 380 - 440 VAC
 - Option: 550 - 690 - 1000 VAC
- Frequency 50 - 60 Hz
- Starting method Star - Triangle
- Option to 1000 VAC Direct start
- Overload protection and ground fault
- Percussion horometer 24V
- Phase sequence indicator
- Battery charger IN 32 VAC, 300W 13A
OUT 28 VDC
- Electric transformer 3.5 kVA
- Working lights 2X, LED 50W, 9-32 VDC
- Electric cable reel 70 m
- Electric cable 3x2/0 AWG
- Degree of protection IP 55
- Ionizer

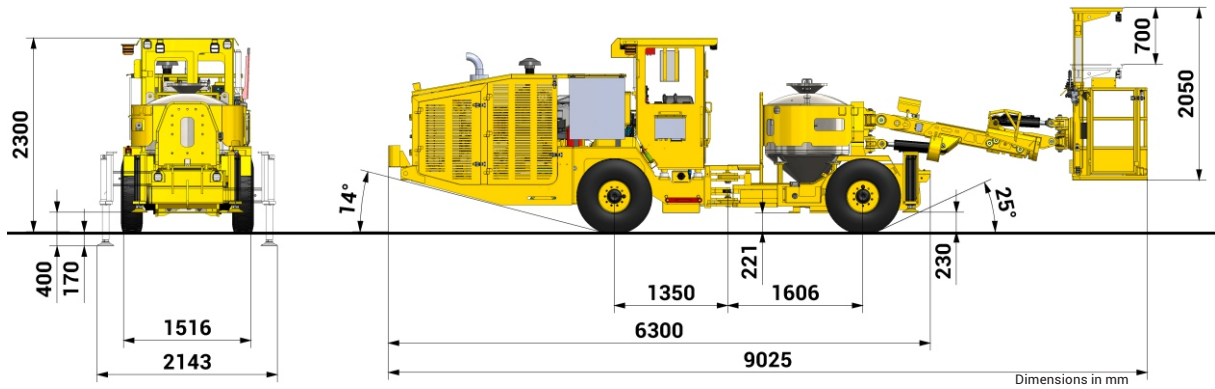
AIR SYSTEM

- Compressor CT6B
- Maximum capacity 120 cfm
- Working pressure 8 bar

AIR SYSTEM

- A/C Enclosed Cabin FOPS / ROPS certification
- House reel 20 m

DIMENSIONS

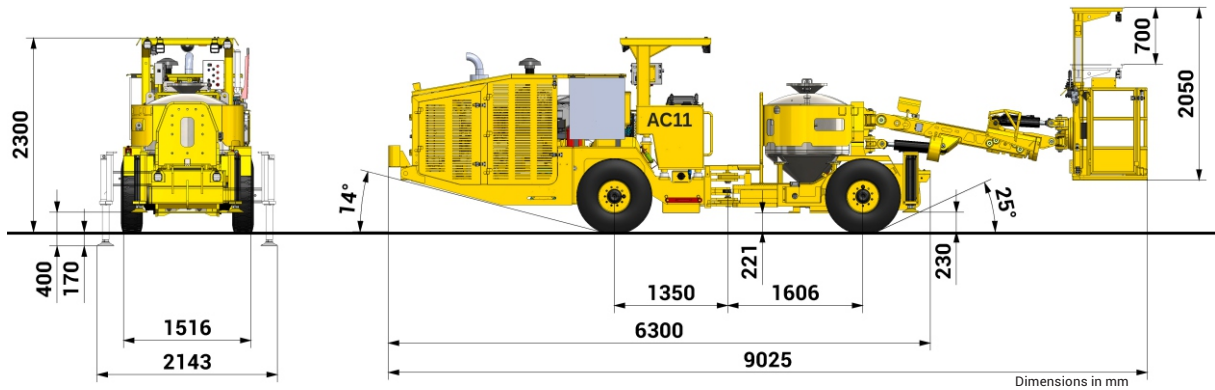


Weight (*)

10,850 kg

* Unloaded equipment weight

Option: A/C Enclosed Cabin

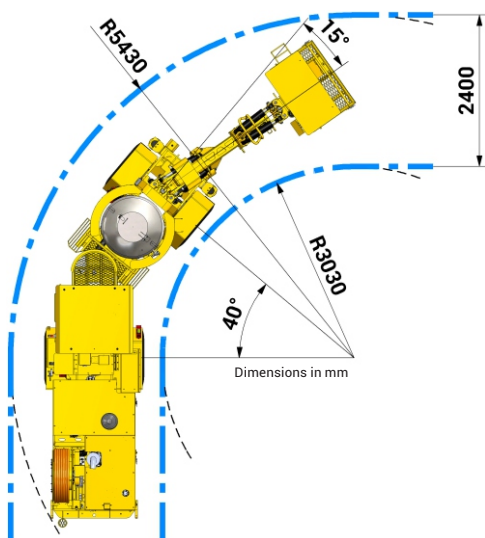


Weight (*)

11,075 kg

* Unloaded equipment weight

TURNING RADIUS



COVERAGE

