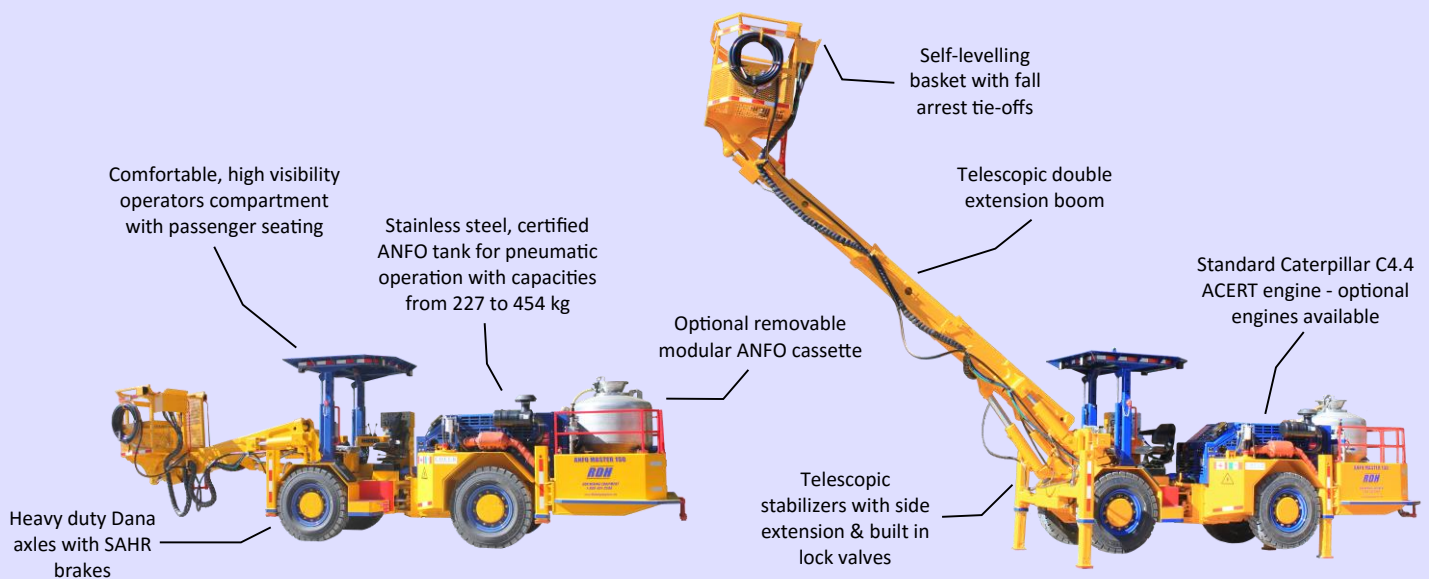


ANFO MASTER 150

ANFO CHARGING EQUIPMENT

TECHNICAL SPECIFICATION

ANFO Master 150 is a robust, compact, diesel-hydraulic, mobile ANFO charging machine, designed for reliable performance in demanding underground applications.



The effective, safe, and reliable ANFO Master 150 is designed to perform explosives charging functions in during face and production charging in underground mining and tunneling operations. The robust and reliable four-wheel drive, articulated ANFO Master 150 consists of a power-shift transmission powered by a choice of diesel engines connected to heavy-duty Dana axles. The rugged frame and articulated carrier make the ANFO Master 150 a very durable and extremely maneuverable unit even in the tightest situations. The ANFO Master 150 provides a mobile and secure working platform to allow a single operator to perform explosive charging operations without having to reposition the machine.

FEATURES:

- Compact, double extension boom
- 227 to 454 kg tank capacities
- Complete drift coverage from single set-up
- Single or dual tank configurations available
- Basket mounted and optional ground controls
- Front telescopic stabilizers with side extension ensure stability during platform deployment
- Self levelling basket with wide face coverage
- Optional removable ANFO cassette
- On-board air compressor

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SPECIFICATIONS:

ANFO SYSTEM

Stainless steel ANFO vessel
ANFO vessel capacities 227 kg - 454 kg
(500 lbs - 1000 lbs)
Anti-static hose
Grounding straps – rear and midship
Mine air and water connections
On-board, hydraulic driven air compressor
Air reservoir tank with air-line anti-freeze reservoir
Remote control from basket
Non-skid, 3 point contact, access platform for filling
ANFO vessel

SERVICE PLATFORM (BASKET)

Self-levelling with built-in lock valves
Boom controls in basket
ANFO charging controls in basket
Maximum lifting height (basket floor) 5.6 m (18.2')
Basket floor height from ground 1007 mm (40")
Hydraulic boom extension 2616 mm (103")
Anti-static flooring
Fire suppression actuator in basket

STABILIZERS

Stabilizers (2 front, 2 rear)
Stabilizer leg extend (front) 508 mm (20")
Stabilizer leg extend (rear) 474 mm (18.5")
Stabilizer spread (side extension) 2593 mm (117")

MISCELLANEOUS

Central grease point – manual
Standard gauges and instrumentation
ANSUL fire suppression system - manual
Copy of Parts/Operator/Service manuals
ROPS/FOPS certified canopy
Suspension seating (operator/passenger)

ENGINE

Cat® C4.4 ACERT, inline 4, 4 stroke cycle, diesel
U.S. EPA Tier 3, EU Stage III A
Power rating @ 2200 rpm 66-129 kW/88-174hp
Compression ratio 16.5:1
Displacement 4.4 L (268.5 in³)
Exhaust: catalytic purifier with silencer
Fuel tank volume 142 L

TRANSMISSION

Dana powershift, 20000 series
3 speeds forward and reverse
4 wheel drive

AXLES

Dana 113, planetary type
Oscillation (rear axle) $\pm 7^\circ$

BRAKES

Service: wet disc (integrated), internal SAHR
Emergency & parking: SAHR

TIRES

Mine type, 10.00 – 20

STEERING

Hydraulic, articulated
Steering angle $\pm 40^\circ$

HYDRAULICS

Steering and boom
170 bar, 190 L/min/2200 rpm
Hydraulic oil tank volume 142 L

ELECTRICAL SYSTEM

24 V
Battery 2 x 12 VDC
Tramming/working LED lights 4 front / 4 rear
Brake lights
Horn & reverse alarm



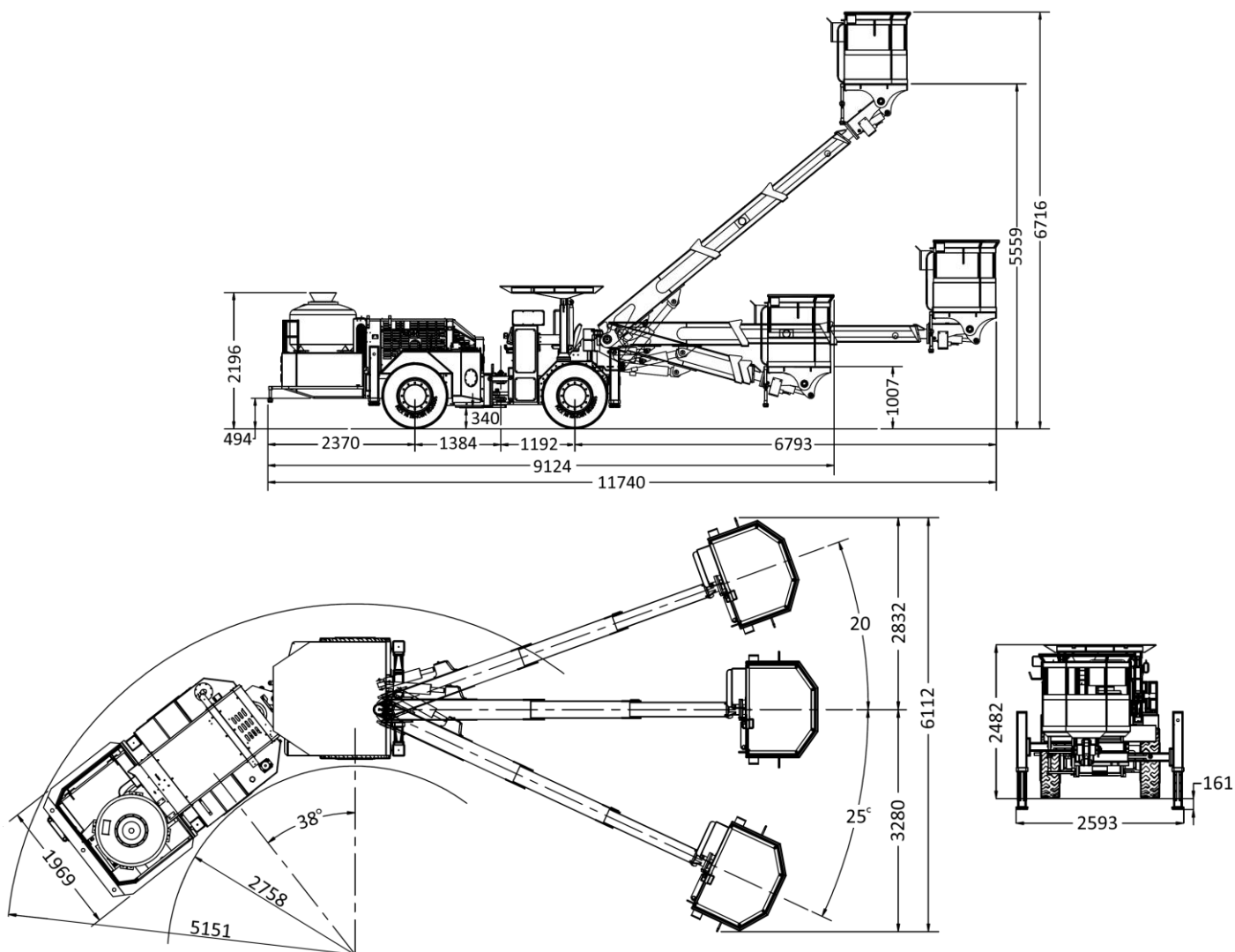
RDH Mining Equipment Ltd.
904 Hwy. 64, Alban, ON, Canada P0M 1A0
Tel: 705-857-2154
info@rdhminingequipment.com
www.rdhminingequipment.com

OPTIONAL EQUIPMENT

Various engine makes/models
Automatic centralized lubrication system
24 V hydraulic oil transfer pump
Fast fill system
Cold weather package
Strobe light
Safety roof for platform (FOPS approved)
Camera system
Solid or foam filled tires
Wheel chocks
Removable ANFO module (forklift style)

Various ANFO vessel sizes
Radio remote control
ROPS/FOPS approved enclosed cabin
Driver door interlock
ANSUL Checkfire fire suppression system
Power pack
Swivel seat
Exhaust system wrap
Air ride seating (operator)
Remote brake release for towing
Other options available upon request

MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	1969	77.5	Ground clearance	340	13.5
Height – tramming	2482	90	Height – basket floor lowered	1007	40
Height – boom extended	6716	265	Inside turning radius	2758	109
Length	9124	359	Outside turning radius	5151	203
WEIGHT					
	kg	lbs			
Total	13018	28700			

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