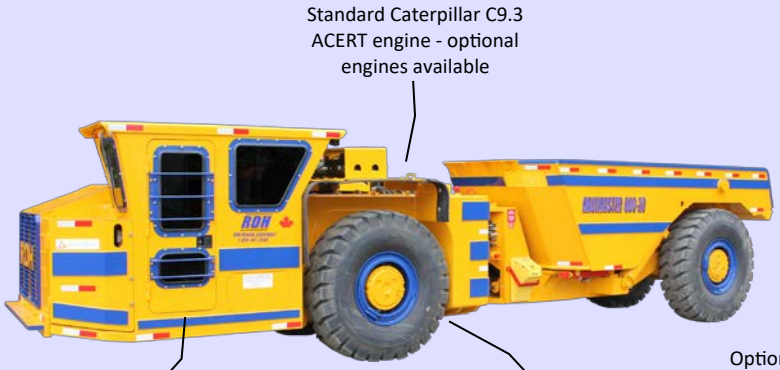
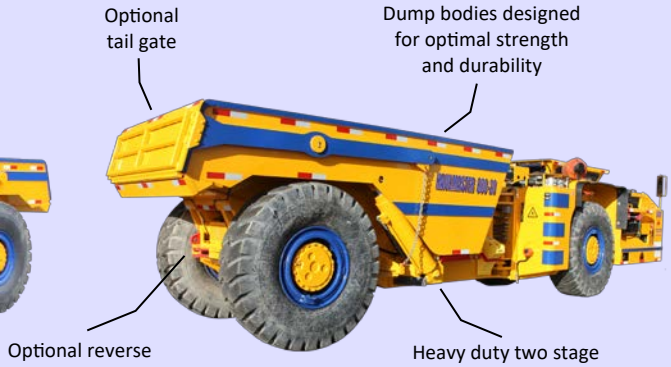
HAULMASTER 800-20

HM800-20 HAUL TRUCK

TECHNICAL SPECIFICATION

HAULMASTER 800-20 is a powerful, fast, and reliable haul truck designed for safe and rapid hauling in demanding underground applications.





**Various dump body options, capacities and ejector body available.

The robust and reliable four-wheel drive, articulated Haulmaster 800-20 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 Haulmaster 800-20 a very durable and extremely maneuverable unit even in the tightest situations. The underground mining haul truck has been designed to provide high production cost-efficient hauling in underground mining and tunneling operations. With its ease of maintenance and robust construction, the Haulmaster 800-20 will ensure production goals are met in a safe, timely, and cost-efficient manner.

FEATURES:

- Standard dump body volume of 10 m^3
- Up to 20000 kg payload capacity
- Spring applied hydraulic release (SAHR) brakes
- Various dump body capacities/styles available to suit customer requirements
- Powerful, clean burning, U.S. EPA Tier 3, EU Stage III A diesel engine
- Optional ride control available for smoother, more comfortable travel experience
- Fully enclosed, climate controlled operator compartment option available

RDH-SCHARF
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SPECIFICATIONS:

DUMP BODY CAPACITIES

Payload capacity	20000 kg (44092 lbs)
Standard box volume (SAE heaped)	10 m^3 (13.1 yds^3)

MISCELLANEOUS

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

ENGINE

Cat® C9.3 ACERT, inline 6, 4 stroke cycle, diesel
U.S. EPA Tier 3, EU Stage III A

Power rating @ 1800-2200 rpm	224-298 kW (300-400 hp)
Compression Ratio	17.0:1
Displacement	9.3 L (567.5 in^3)

Exhaust: catalytic purifier with silencer

Fuel tank volume	363 L

TRANSMISSION

Transmission, Dana 6000 series
4 speeds forward and reverse, 4 wheel drive
Converter, Dana 9000 series

AXLES

Dana 19D, planetary type

Oscillation (front axle)	± 7°

BRAKES

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

TIRES

Mine type, 18.00 – 25

STEERING

Hydraulic, articulated

Steering angle	± 42°

HYDRAULICS

Steering and hoist
170 bar, 190 L/min/2200 rpm

Hydraulic oil tank volume	363 L

ELECTRICAL SYSTEM

24 V

Battery	2 x 12 VDC
Tramming/working LED lights	4 front / 4 rear
Brake lights	2 rear

Horn & reverse alarm

OPTIONAL EQUIPMENT

Various engine makes/models
Various dump body capacities
Automatic centralized lubrication system
24 V hydraulic oil transfer pump
Fast fill system
Cold weather package
Strobe light
Swivel seat
Exhaust system wrap
Solid or foam filled tires
Other options available upon request

ROPS/FOPS approved enclosed cabin
Ejector dump body
Dump body liner
Wheel chocks
Driver door interlock
ANSUL Checkfire fire suppression system
Reverse camera system
Air ride seating
Midship or front seated operator cabin
Remote brake release for towing

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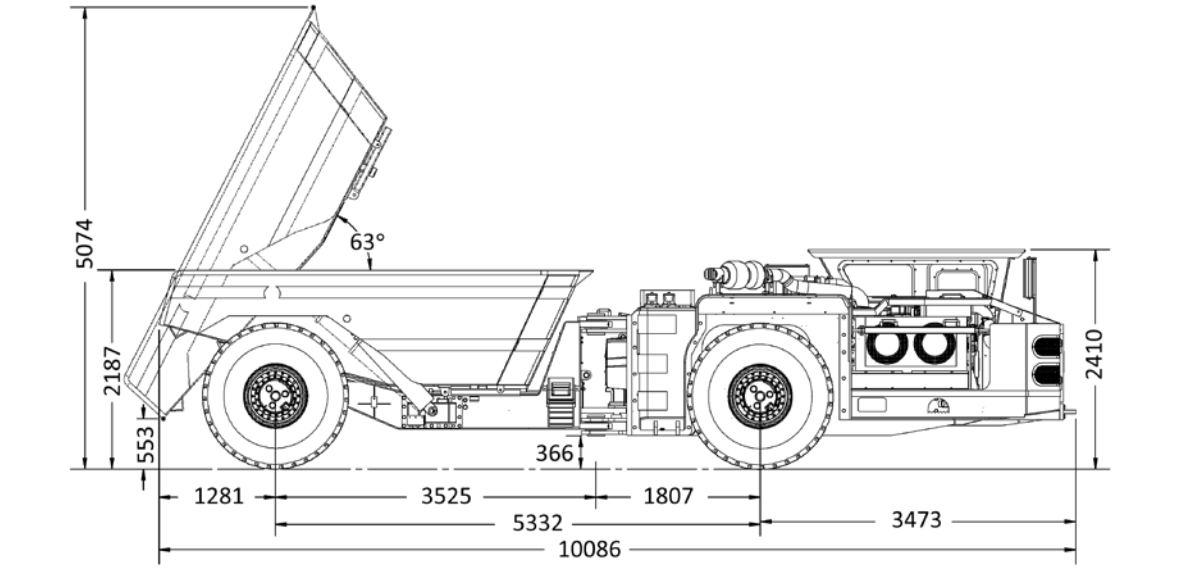
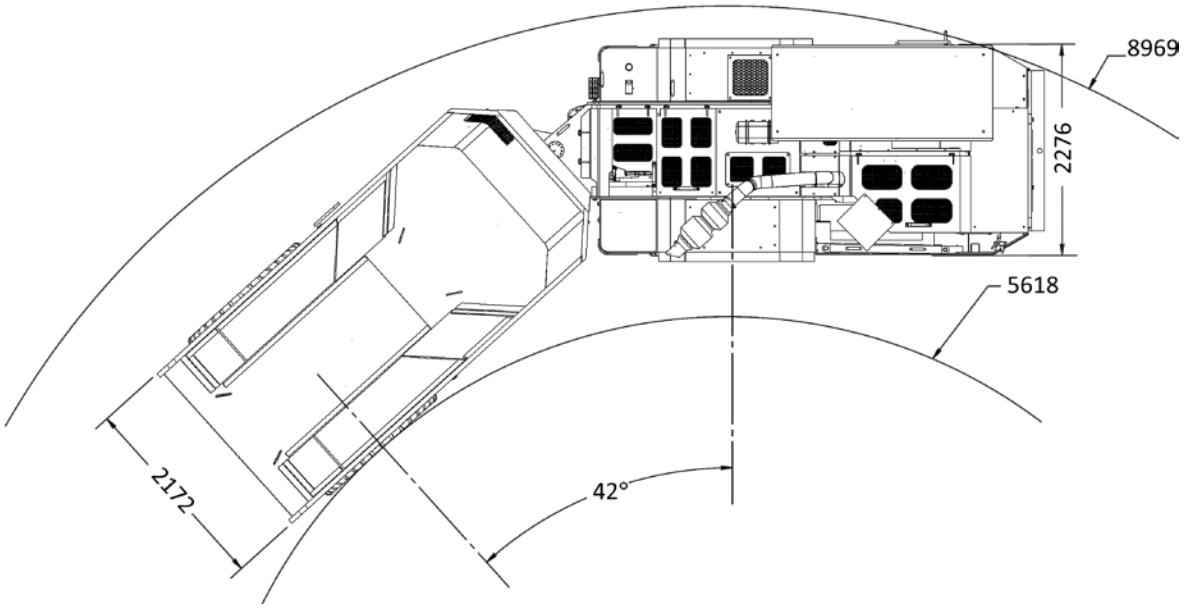
MEASUREMENTS





DIMENSIONS	mm	inches
Width	2276	90
Height	2410	95
Ground clearance	366	14
Length	10086	397

WEIGHT	kg	lbs
Total	24200	53352

CONT'D	mm	inches
Inside turning radius	5618	221
Outside turning radius	8969	353

Dimensions and weights given are for HM800-20 empty machine with 10 m³ (13.1 yd³) dump body, 18.00 - 25 tires, fully enclosed operator compartment, standard options, and standard dump body. Net machine weight changes will directly effect the payload. Material density will determine dump body volume figures.

All weights, dimensions, and other data reflect a standard unit unless otherwise stated. RDH reserves the right to change specifications and equipment without notice. Consult RDH Mining Equipment sales representative for specific information.