

TRUCK, CARGO, HEAVY, MC3 – MACK
WITH WINCH

DATA SUMMARY

This instruction is authorised for use by command of the Chief of Army. It provides direction, mandatory controls and procedures for the operation, maintenance and support of equipment. Personnel are to carry out any action required by this instruction in accordance with EMEI General A 001.

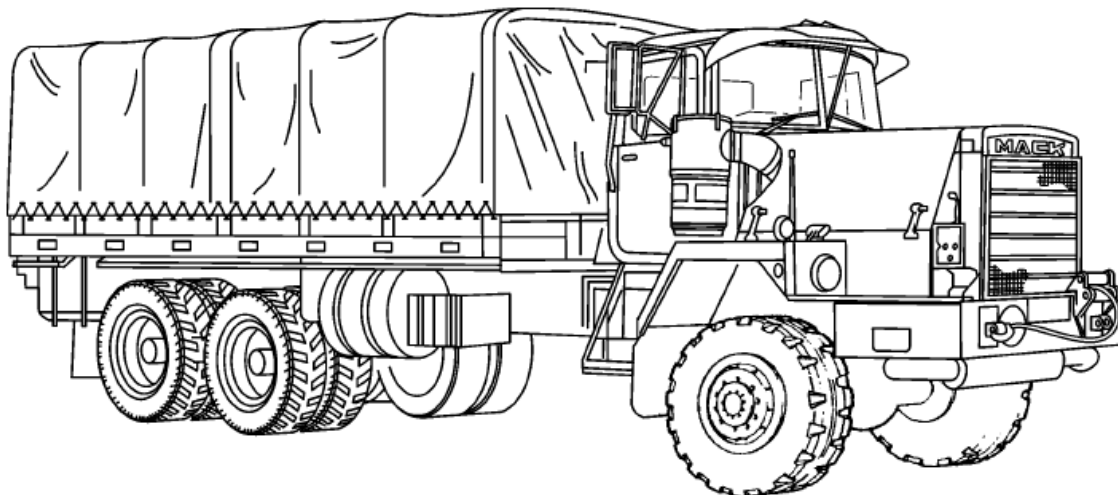


Figure 1 Truck, Cargo, Heavy, With Winch, MC3, Mack

- 1. General.** This EMEI lists basic data for the Truck, Cargo, Heavy, With Winch, MC3, Mack as shown in Figure 1. Information applicable to the Mack 8-tonne cab/chassis is contained in EMEI Vehicle G 700, Truck, Cargo, Heavy, MC3 – Mack – Data Summary.
- 2. Role.** The role of the equipment is to transport stores on sealed, second -class roads and under most cross-country conditions.
- 3. Description.** The Truck, Cargo, With Winch, Heavy, MC3, Mack is a 6x6 vehicle designed to negotiate any terrain or gradient that will allow wheel traction. A winch is fitted to the vehicle for recovery purposes. The vehicle carries an eight-tonne load cross-country and a 10- tonne load on highways.

Detail

4. Mass:

a. Unladen:

(1)	Front Axle.....	5 189 kg
(2)	Rear Bogie	6 861 kg
(3)	Total.....	12 050 kg

b. Maximum Loading (highway):

(1)	Front Axle.....	6 000 kg
(2)	Rear Bogie	16 221 kg
(3)	Total.....	22 221 kg

c. Maximum Loading (cross-country):

(1)	Front Axle.....	5 699 kg
(2)	Rear Bogie	14 351 kg
(3)	Total.....	20 050 kg

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5. Performance:

- a. Winch:
 - (1) Manufacturer Ateco (Garwood Olding)
 - (2) Type 24 L Horizontal Drum
 - (3) Lubricant OEP-220
 - (4) Capacity 2.5 litres
- b. Winch Capacity:
 - (1) First Layer of Rope 10 575 kg
 - (2) Second Layer of Rope 7 666 kg
 - (3) Third Layer of Rope 5 118 kg
- c. Winch Rope Length 60 metres

6. Point of Contact:

DMO-LAND SYSTEMS DIVISION
CGSVSPO-MDM/HVY B VEHICLES
Defence Plaza Melbourne
661 Bourke Street
MELBOURNE VIC 3000
Tel: (03) 9282 3639

7. Associated Information:

- a. SIGC 2320-0103
- b. NSN 2320-66-104-2876
- c. SCES 11849
- d. RPS 02161
- e. ILSL ALI MM 10-8
- f. User Handbook 7610-66-115-4728
- g. [EMEI Vehicle A 029-3](#) Vehicles – General, Servicing of B Vehicles, Trailers, All Terrain Vehicles (ATV) and Motor Cycles – General Instruction;
- h. [EMEI Vehicle A 291-5](#) General Service B Vehicle Tyre Guide – Operator Instructions
- i. [EMEI Vehicle G 702](#) Technical Description
- j. [EMEI Vehicle G 703](#) Truck, Cargo, Heavy, MC3 – Mack – Light Grade Repair
- k. [EMEI Vehicle G 703-1](#) Truck, Cargo, Heavy, MC3 – Mack – Light Grade Repair (Air spring suspension)
- l. [EMEI Vehicle G 704](#) Truck, Cargo, Heavy, MC3 – Mack – Medium Grade Repair
- m. [EMEI Vehicle G 704-1](#) Truck, Cargo, Heavy, MC3 – Mack – Heavy Grade Repair
- n. [EMEI Vehicle G 709](#) Truck, Cargo, Heavy, MC3 – Mack – Servicing Instruction (All variants)

END

Distribution List: **VEH G 51.1 – Code 1** (Maint Level)
(Sponsor: CGSVSPO, Med/Hvy B Vehicles)
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