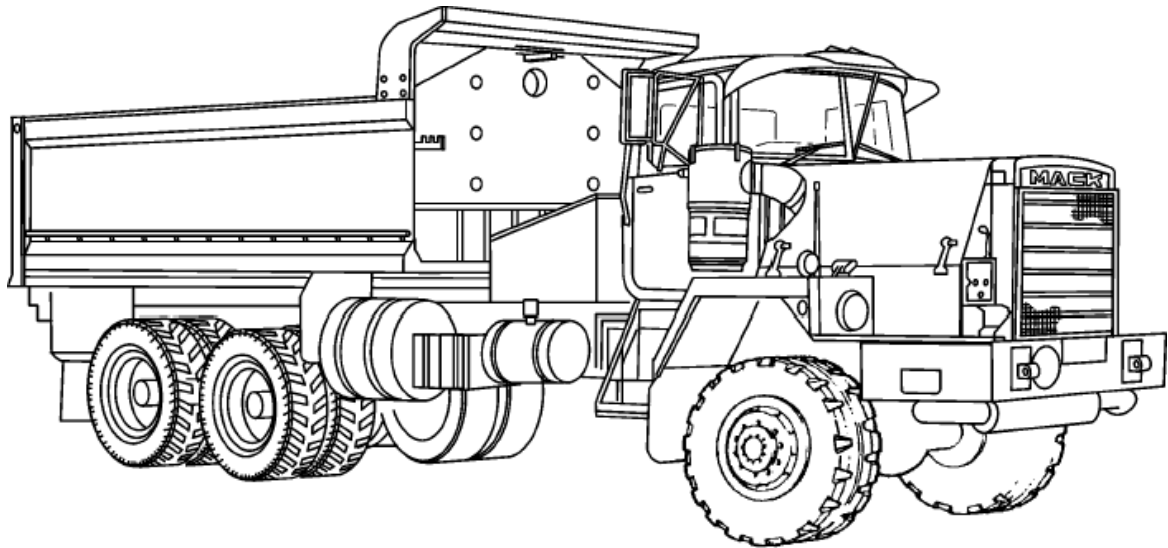


**TRUCK, DUMP, HEAVY, MC3 – MACK**  
**DATA SUMMARY**

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, Dump, Heavy, MC3 (Mack)**

**General**

1. This EMEI lists basic data for the Truck, Dump, Heavy, 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 raw material.
3. **Description.** The Truck, Dump, Heavy, MC3 (Mack) is a 6x6 vehicle designed to negotiate any terrain or gradient that will allow wheel traction. The vehicle incorporates a hydraulic ram to provide a dump facility.

**Detail**

**4. Dimensions:**

- a. Width..... 2 500 mm
- b. Length ..... 9 020 mm
- c. Height..... 3 075 mm
- d. Height Reducible..... 2 980 mm
- e. Dump Body Dimensions:
  - (1) Length (overall) ..... 4 128 mm
  - (2) Length to Hoistwell..... 3 370 mm
  - (3) Width ..... 2 235 mm
  - (4) Height ..... 900 mm
  - (5) Carrying Capacity ..... 8 m<sup>3</sup>
- f. Wheelbase ..... 5 465 mm

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- g.** Track:
  - (1) Front..... 1 911 mm
  - (2) Rear ..... 1 810 mm
- h.** Ground Clearance (unladen)..... 318 mm
- i.** Towing Pintle Height (unladen) ..... 930 mm
- j.** Shipping Cubage:
  - (1) Overall..... 69.3 m<sup>3</sup>
  - (2) Reducible ..... 67.2 m<sup>3</sup>

**5. Mass:**

- a.** Unladen:
  - (1) Front Axle ..... 5 450 kg
  - (2) Rear Bogie..... 5 590 kg
  - (3) Total ..... 11 040 kg
- b.** Maximum Loading (highway):
  - (1) Front Axle ..... 5 690 kg
  - (2) Rear Bogie..... 15 350 kg
  - (3) Total ..... 21 040 kg
- c.** Maximum Loading (cross country):
  - (1) Front Axle ..... 5 630 kg
  - (2) Rear Bogie..... 13 450 kg
  - (3) Total ..... 19 080 kg

**6. Fuels and Lubricants:**

- a.** Hoist Reservoir:
  - (1) Type ..... OM-65
  - (2) Capacity ..... 72 L

**7. Performance:**

- a.** Angle of Approach ..... 32.5 degrees
- b.** Angle of Departure ..... 48 degrees

**8. Point of Contact:**

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

**9. Associated Information:**

- a.** SIGC..... 2320-0035
- b.** NSN ..... 2320-66-112-8850
- c.** RPS ..... 02165
- d.** SCES ..... 11659
- e.** User Handbook..... 7610-66-115-4730

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- f. ILSI ..... ALI MM 10-8
- g. [EMEI Vehicle A 029-3](#) ..... Vehicles – General, Servicing of B Vehicles – General Instructions
- h. [EMEI Vehicle A 291-5](#) ..... Tyres and Tubes, General Service B Vehicle Tyre Guide – Operator Instructions
- i. [EMEI Vehicle G 700](#)..... Truck, Cargo, Heavy, MC3 – Mack – Data Summary
- j. [EMEI Vehicle G 703](#).....Truck, Cargo, Heavy, MC3 – Mack, Including Truck, Cargo, Winch, Heavy, MC3 – Mack – Light Grade Repair
- k. [EMEI Vehicle G 703-1](#) .....Truck, Cargo, Heavy, MC3 – Mack, Including Truck, Cargo, Winch, Heavy, MC3 – Mack – Unit Repair (air spring suspension)
- l. [EMEI Vehicle G 704](#).....Truck, Cargo, Heavy, MC3 – Mack, Including Truck, Cargo, Winch, Heavy, MC3 – Mack – Medium Grade Repair
- m. [EMEI Vehicle G 704-1](#) .....Truck, Cargo, Heavy, MC3 – Mack, Including Truck, Cargo, Winch, Heavy, MC3 – Mack – Heavy Grade Repair
- n. [EMEI Vehicle G 709](#).....Truck, Cargo, Heavy, MC3 – Mack, All Variants – Servicing Instruction
- o. [EMEI Vehicle G 732](#)..... Truck, Dump, Heavy, MC3 – Mack – Technical Description
- p. [EMEI Vehicle G 733](#)..... Truck, Dump, Heavy, MC3 – Mack – Light Grade Repair
- q. [EMEI Vehicle G 734](#).....Truck, Dump, Heavy, MC3 – Mack – Medium and Heavy Grade Repair

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**END**

Distribution List: **VEH G 53.0 – Code 1** (Maint Level)  
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