

Australian Standard[®]

**INDUSTRIAL TRUCKS—
GLOSSARY OF TERMS**

This Australian standard was prepared by Committee ME/26, Industrial Trucks. It was approved on behalf of the Council of the Standards Association of Australia on 3 May 1985 and published on 4 October 1985.

The following interests are represented on Committee ME/26:

Association of Employers of Waterside Labour
Australian Chamber of Commerce
Australian Chamber of Shipping
Australian Industrial Truck Association
Australian Road Transport Federation
Confederation of Australian Industry
Department of Defence
Department of Industrial Relations, N.S.W.
Department of Industry, Technology and Commerce
Federal Chamber of Automotive Industries
Metal Trades Industry Association of Australia
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STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 1763—1985

Industrial trucks—Glossary of terms

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Technical Committee ME-026 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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The following are represented on Technical Committee ME-026:

Australian Industrial Truck Association
Australian Industry Group
Construction and Mining Equipment Industry Group
Hire and Rental Industry Association of Australia
Safety Institute of Australia
SafeWork NSW
WorkSafe Victoria

NOTES

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PREFACE

This standard was prepared by the Association’s Committee on Industrial Trucks, to supersede AS 1763-1975, Glossary of Terms for Industrial Trucks, Attachments and Movements.

This edition includes new definitions for ‘rough terrain lift trucks’, ‘bottom-tapered fork arm’, ‘top-tapered fork arm’, ‘pallet fork arm’, ‘fully tapered fork arm’, and the layout has been changed in accordance with SAA practice. The terminology ‘chisel fork’ and ‘standard fork arm’ which had been included in the definition for ‘fork arm’ have been deleted.

Assembly of suitable illustrations for inclusion in the glossary was greatly facilitated by the following companies:

- Caterpillar of Australia Limited
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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

for

INDUSTRIAL TRUCKS—GLOSSARY OF TERMS

FOREWORD

This glossary establishes uniformity of terminology for industrial trucks and appliances intended to carry out similar functions.

The standards for industrial trucks are AS 2359.1, SAA Industrial Truck Code, Part 1—Design and Manufacture, and AS 2359.2, SAA Industrial Truck Code, Part 2—Operation.

The fitting of certain attachments to industrial trucks, e.g. hook adaptor and crane—boom attachment, may bring the combination within the scope of AS 2549, Cranes—Glossary of Terms.

The figures included in this glossary are for illustrative purposes only and are not intended to indicate acceptable or preferred methods of construction or other details.

Where there is doubt about the meaning, application, or other aspect of this glossary, details of the matter in question may be submitted to the SAA Committee on Industrial Trucks for ruling or interpretation.

SECTION 1. CONTROL TYPES OF INDUSTRIAL TRUCKS

No	Term	Definition
1.001	manual truck	An industrial truck for which the power for operation is provided manually.
1.002	electric-powered truck	A powered industrial truck for which the power for operation is provided from an electrical source (e.g. electric batteries mounted on, or within, the truck, or an external electric-power source and trailing cables).
1.003	engine-powered truck	A powered industrial truck for which the power for operation is provided from a heat engine (e.g. compression-ignition or spark-ignition engine).
1.004	pedestrian truck	An industrial truck of which the operator is intended to control the truck while not riding on the truck.
1.005	rider-seated truck	An industrial truck of which the operator is intended to be seated, in a driving position, on the truck.
1.006	rider-standing truck	An industrial truck of which the operator is intended to stand, at a driving position, on the truck.
1.007	centre-controlled truck	A rider-standing or rider-seated industrial truck on which the operator's position is not at the end of the truck opposite the load end.
1.008	end-controlled truck	A rider-standing or rider-seated industrial truck on which the operator's position is at the end of the truck opposite the load end.
1.009	remote-controlled truck	An industrial truck of which the operator is intended to control the truck from a position remote from the truck.
1.010	order-picking truck	A platform truck or pallet truck of which the operator's control platform is incorporated with the load carriage (see Fig. 1.1).

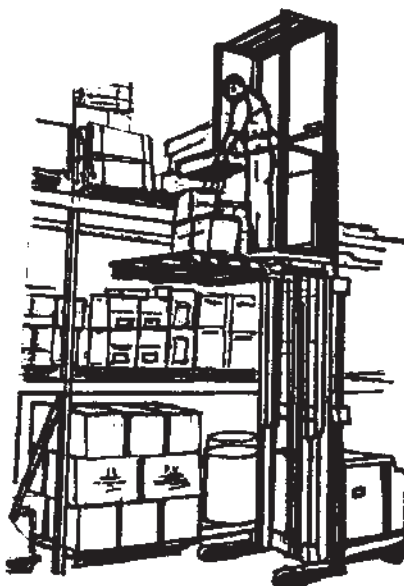


Fig. 1.1 ORDER-PICKING TRUCK

SECTION 2. LOAD-HANDLING TYPES OF INDUSTRIAL TRUCKS

No	Term	Definition
2.001	industrial truck	An item of mobile equipment designed to move goods, materials and equipment in industry, commerce and other applications, but excluding mobile cranes as defined in AS 2549, Cranes—Glossary of Terms. It may be either manual or powered (<i>see</i> 1.001, 1.002 and 1.003).
2.002	tractor	A powered industrial truck designed for the purpose of pushing or pulling non-powered trucks, trailers or other objects. (See Fig. 2.1.)
2.003	shunting tractor	A tractor intended only for pushing.
2.004	towing tractor	A tractor intended only for pulling.
2.005	wheel barrow	A hand truck with a single wheel, a hopper body and two handles.
2.006	hand truck	A two-wheel truck with a frame designed to carry either miscellaneous objects or specific items (in which instance the hand truck has a specific name, e.g. bag truck barrel truck, drum truck, gas cylinder truck, luggage truck, sack truck), and one or a pair of, handles to enable the load to be balanced and wheeled manually. (See Fig. 2.2.)
2.007	trolley	A hand truck, usually with four wheels, with one or more (tiered) platforms or trays on which miscellaneous objects or specific items may be carried (in which instance the trolley has a specific name, e.g. dinner trolley service trolley, bakery trolley, hospital trolley, sterilizer trolley, die-handling trolley). (See Fig. 2.3.)

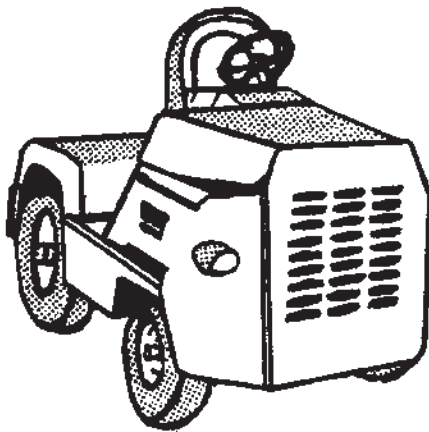


Fig. 2.1. TRACTOR

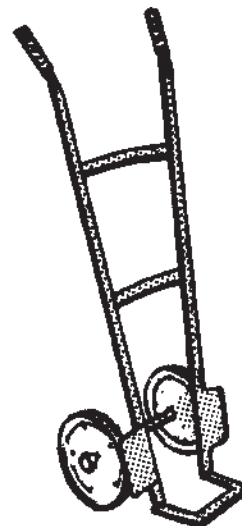


Fig. 2.2. HAND TRUCK

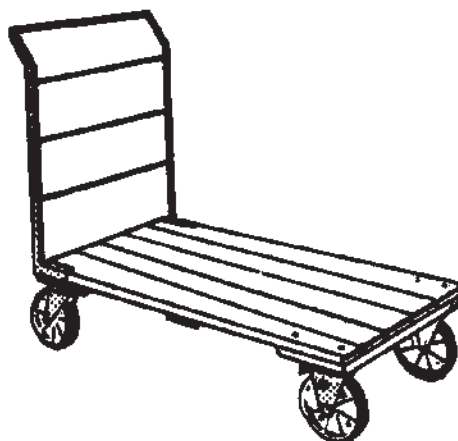


Fig. 2.3. TROLLEY