



BSI Standards Publication

Energy efficiency of Industrial trucks — Test methods

Part 2: Operator controlled self-propelled trucks, towing tractors and burden-carrier trucks

National foreword

This British Standard is the UK implementation of EN 16796-2:2016.

The UK participation in its preparation was entrusted to Technical Committee MHE/7, Industrial trucks.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EN 16796-2

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English Version

Energy efficiency of Industrial trucks - Test methods - Part 2: Operator controlled self-propelled trucks, towing tractors and burden-carrier trucks

Efficacité énergétique des chariots de manutention -
Méthodes d'essai - Partie 2 : Chariots automoteurs
commandés par l'opérateur, tracteurs et chariots
transporteurs de charge

Energieeffizienz von Flurförderzeuge, - Testmethoden -
Teil 2: Bedienergeführte selbstangetriebene
Flurförderzeuge, Schlepper und
Lastentransportfahrzeuge

This European Standard was approved by CEN on 13 August 2016.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 16796-2:2016) has been prepared by Technical Committee CEN/TC 150 “Industrial Trucks - Safety”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2017, and conflicting national standards shall be withdrawn at the latest May 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

EN 16796 consists of the following parts, under the general title *Energy efficiency of Industrial trucks — Test methods*:

- *Part 1: General;*
- *Part 2: Operator controlled self-propelled trucks, towing tractors and burden-carrier trucks;*
- *Part 3: Container handling lift trucks.*

The following parts are under preparation:

- *Part 4: Rough-terrain trucks;*
- *Part 5: Trucks with elevating operator position and trucks specifically designed to travel with elevated loads.*

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1 Scope

This European Standard specifies the method of energy consumption measurement for the following types of industrial trucks as defined in ISO 5053-1:

- counterbalance lift truck;
- articulated counterbalance lift truck;
- lorry-mounted truck;
- reach truck (with retractable mast or fork arm carriage);
- straddle truck;
- pallet-stacking truck,
- pallet truck;
- platform and stillage truck;
- pallet truck end controlled;
- order-picking truck;
- centre-controlled order-picking truck;
- towing, pushing tractor and burden carrier;
- towing and stacking tractor;
- side-loading truck (one side only);
- lateral-stacking truck (both sides);
- lateral-stacking truck (three sides);
- non-stacking low-lift straddle carrier;
- multi-directional lift truck.

This part is intended to be used in conjunction with EN 16796-1.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 16796-1:2016, *Energy efficiency of Industrial trucks — Test methods — Part 1: General*

EN ISO 3691-1:2015, *Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011, including Cor 1:2013)*