

*For Comments Only*

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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*भारतीय मानक मसौदा*

**एयर कार्गो उपकरण — यूनिट लोड डिवाइस (यूएलडी) के लिए हैंडलिंग सिस्टम — सचित्र  
प्रतिनिधित्व के लिए प्रतीक**

*(आई एस 12863 का पहला पुनरीक्षण)*

**Draft Indian Standard**

**AIR CARGO EQUIPMENT — HANDLING SYSTEMS FOR UNIT LOAD DEVICES  
(ULDS) — SYMBOLS FOR PICTORIAL REPRESENTATION**

*( First Revision of IS 12863 )*

ICS: 49.120; 01.080.20

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**Air and Space Vehicles Sectional Committee, TED 14**

**Last date for receipt of comments is  
01/10/2023**

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**NATIONAL FOREWORD**

*(Formal Clause to be added later)*

This standard was originally published in 1989. The first revision of this standard has been undertaken to keep pace with the latest technological developments and align it with the latest version of ISO 9031 : 1987.

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

**SCOPE AND FIELD OF APPLICATION**

**Doc: TED 14 (21439) WC**  
**IS 12863: XXXX/ ISO 9031:1987**  
**August 2023**

This International Standard specifies symbols for the pictorial standardization of aircraft cargo-handling systems for unit load devices (ULDs).

These symbols are applicable to all aircraft cargo-handling systems for underfloor as well as for main-deck systems. The conveyance, guidance, restraint, power drive unit and the degree of automation for the total cargo-handling system can be depicted using the symbols.

**FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 9031:1987 or CONTACT:**

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