

# DIN EN ISO 3691-5:2020-11 (E)

## Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014 + AMD.1:2020)

---

| <b>Contents</b>   | <b>Page</b> |
|---|-------------|
| European foreword .....   | 3           |
| <b>▣</b> European foreword to Amendment <b>▣</b> .....  | 4           |
| <b>▣</b> Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered <b>▣</b> ..... | 5           |
| <b>▣</b> Foreword to Amendment <b>▣</b> .....   | 10          |
| <b>Introduction</b> .....   | <b>11</b>   |
| <b>1 Scope</b> .....  | <b>11</b>   |
| <b>2 Normative references</b> .....   | <b>14</b>   |
| <b>3 Terms and definitions</b> .....  | <b>14</b>   |
| <b>4 Safety requirements and/or protective measures</b> .....   | <b>16</b>   |
| 4.1 General .....   | 16          |
| 4.2 Propelling, steering .....  | 16          |
| 4.3 Load-handling controls .....  | 20          |
| 4.4 Lifting systems .....   | 21          |
| 4.5 Parking brake .....   | 24          |
| 4.6 Stability .....   | 24          |
| 4.7 Lateral stabilizers .....   | 24          |
| 4.8 Protection against crushing, shearing and entanglement points .....   | 24          |
| 4.9 Edges and angles .....  | 24          |
| 4.10 Protective devices .....   | 25          |
| 4.11 Additional requirements for trucks with battery-powered lifting .....  | 25          |
| 4.12 Lifting points .....   | 26          |
| <b>5 Verification of safety requirements and/or protective measures</b> .....   | <b>26</b>   |
| 5.1 General .....   | 26          |
| 5.2 Functional verification .....   | 26          |
| 5.3 Design verification (type test) .....   | 26          |
| <b>6 Information for use</b> .....  | <b>26</b>   |
| 6.1 General .....   | 26          |
| 6.2 Instruction handbooks .....   | 27          |
| 6.3 Marking .....   | 29          |
| <b>Annex A (normative) Method for measurement of forces, <i>F</i></b> .....   | <b>31</b>   |
| <b>Annex B (normative) Rated capacity</b> .....   | <b>36</b>   |
| <b>Annex C (informative) List of significant hazards</b> .....  | <b>39</b>   |
| <b>Bibliography</b> .....   | <b>43</b>   |