

# DIN EN 474-3:2023-02 (E)

## Earth-moving machinery - Safety - Part 3: Requirements for loaders (includes Corrigendum:2022)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		5
<b>1</b>	<b>Scope .....</b>	<b>6</b>
<b>2</b>	<b>Normative references .....</b>	<b>6</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>7</b>
<b>4</b>	<b>Safety requirements and/or protective/risk reduction measures .....</b>	<b>9</b>
<b>4.1</b>	<b>General .....</b>	<b>9</b>
<b>4.2</b>	<b>Operator's station .....</b>	<b>9</b>
<b>4.3</b>	<b>Seat .....</b>	<b>9</b>
<b>4.4</b>	<b>Operator's controls and indicators .....</b>	<b>9</b>
<b>4.5</b>	<b>Protectives measures and devices .....</b>	<b>10</b>
<b>4.6</b>	<b>Stability .....</b>	<b>10</b>
<b>4.7</b>	<b>Lifting operation .....</b>	<b>13</b>
<b>5</b>	<b>Verification of the safety requirements and/or protective/risk reduction measures .....</b>	<b>13</b>
<b>6</b>	<b>Information for use .....</b>	<b>14</b>
<b>6.1</b>	<b>General .....</b>	<b>14</b>
<b>6.2</b>	<b>Machine safety labels .....</b>	<b>14</b>
<b>6.3</b>	<b>Operator's manual .....</b>	<b>15</b>
<b>Annex A (informative) List of significant hazards .....</b>		<b>16</b>
<b>Annex B (normative) Telescopic loaders .....</b>		<b>21</b>
<b>B.1</b>	<b>General .....</b>	<b>21</b>
<b>B.2</b>	<b>Stability .....</b>	<b>21</b>
<b>B.3</b>	<b>Limitation of stroke .....</b>	<b>25</b>
<b>B.4</b>	<b>Verification of LLMI and LLMC .....</b>	<b>25</b>
<b>B.5</b>	<b>Information for use .....</b>	<b>25</b>
<b>B.6</b>	<b>Verification of safety requirements and/or protective/risk reduction measures .....</b>	<b>27</b>
<b>Annex C (informative) Illustrations .....</b>		<b>29</b>
<b>Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC machinery, and amending Directive 95/16/EC (recast) [2006 L157] aimed to be covered .....</b>		<b>32</b>
<b>Bibliography .....</b>		<b>37</b>