### Equipment Noise by Type, Split by Power Category

37. LOADERS (<500KW, ONLY STEEL TRACKED)

Wheeled dozers, wheeled loaders, wheeled excavator-loaders, dumpers, graders, loader-type landfill compactors, combustion engine driven counterbalanced lift trucks, mobile cranes, compaction machines (non-vibrating rollers), paver-finishers, hydraulic power packs

#### Net Installed Power Category: P <= 55(Kilowatts)

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US</td>
<td>12/06/2007</td>
<td>16604</td>
<td>T140</td>
<td>101</td>
<td>103</td>
</tr>
<tr>
<td>Kanga UK Ltd Unit 70 The Warren East Goscote Ind Est East Goscote UK</td>
<td>31/07/2009</td>
<td>EX_60535</td>
<td>TD-825</td>
<td>101</td>
<td>103</td>
</tr>
</tbody>
</table>

* These limit figures are merely indicative for these types of equipment:
- walk-behind vibrating rollers
- vibratory plates (&gt; 3kW)
- vibratory rammers
- dozers (steel tracked)
- loaders (steel tracked &lt; 55 kW)
- combustion-engine driven counterbalanced lift trucks
- compacting screed paver-finishers
- hand-held internal combustion-engine concrete-breakers and picks (15&lt;L&lt;30)
- lawnmowers, lawn trimmers/lawn-edge trimmers

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

### Equipment Noise by Type, Split by Power Category

#### 37. LOADERS (<500KW, ONLY STEEL TRACKED)

#### Net Installed Power Category : 000015

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/07/2009</td>
<td>EX_60531</td>
<td>DA-520</td>
<td>101</td>
<td>101</td>
<td>100</td>
</tr>
</tbody>
</table>

**Kanga UK Ltd**
Unit 70 The Warren
East Goscote Ind Est
East Goscote
UK

#### Net Installed Power Category : 000012

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/07/2009</td>
<td>EX_60530</td>
<td>TK-216</td>
<td>101</td>
<td>101</td>
<td>99</td>
</tr>
</tbody>
</table>

**Kanga UK Ltd**
Unit 70 The Warren
East Goscote Ind Est
East Goscote
UK

---

**Net Installed Power Category**

P > 55(Kilowatts)

---

**Situation on:** 12/05/2020

---

* These limit figures are merely indicative for these types of equipment:
  - walk-behind vibrating rollers<
  - vibratory plates (&gt; 3kW)<
  - vibratory rammers<
  - dozers (steel tracked)<
  - loaders (steel tracked &lt; 55 kW)<
  - combustion-engine driven counterbalanced lift trucks<
  - compacting screed paver-finishers<
  - hand-held internal combustion-engine concrete-breakers and picks (15lt/m&lt;30)
  - lawn mowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

### Equipment Noise by Type, Split by Power Category

#### Net Installed Power Category: Not Given

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanga UK Ltd</td>
<td>31/07/2009</td>
<td>EX_60534</td>
<td>DA-725</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The TORO Company</td>
<td>30/05/2008</td>
<td>EX_61319</td>
<td>TX427N</td>
<td>103</td>
<td>102</td>
<td></td>
</tr>
<tr>
<td>The TORO Company</td>
<td>30/05/2008</td>
<td>EX_61320</td>
<td>TX 427W</td>
<td>103</td>
<td>102</td>
<td></td>
</tr>
<tr>
<td>The TORO Company</td>
<td>30/05/2008</td>
<td>EX_61321</td>
<td>TX 525N</td>
<td>103</td>
<td>102</td>
<td></td>
</tr>
<tr>
<td>The TORO Company</td>
<td>30/05/2008</td>
<td>EX_61322</td>
<td>TX525W</td>
<td>103</td>
<td>102</td>
<td></td>
</tr>
</tbody>
</table>

* These limit figures are merely indicative for these types of equipment:
- walk-behind vibrating rollers
- vibratory plates (&gt; 3kW)
- vibratory rammers
- dozers (steel tracked)
- loaders (steel tracked &lt; 55 kW)
- combustion-engine driven counterbalanced lift trucks
- compacting screed paver-finishers
- hand-held internal combustion-engine concrete-breakers and picks (15&lt;m&lt;30)
- lawn mowers, lawn trimmers/lawn-edge trimmers

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

## Equipment Noise by Type, Split by Power Category

### 37. LOADERS (<500KW, ONLY STEEL TRACKED)

#### Net Installed Power Category: 000178

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/05/2007</td>
<td>16368</td>
<td>973C</td>
<td>107</td>
<td>112</td>
<td>111</td>
</tr>
</tbody>
</table>

#### Net Installed Power Category: 000141

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/05/2007</td>
<td>16367</td>
<td>963D</td>
<td>106</td>
<td>111</td>
<td>110</td>
</tr>
</tbody>
</table>

#### Net Installed Power Category: 000135

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>18/12/2015</td>
<td>EX_71062</td>
<td>LR636</td>
<td>105</td>
<td>110</td>
<td>107</td>
</tr>
</tbody>
</table>

Situation on: 12/05/2020

* These limit figures are merely indicative for these types of equipment:
  - walk-behind vibrating rollers
  - vibratory plates (&lt; 3kW)
  - vibratory rammers
  - dozers (steel tracked)
  - loaders (steel tracked &lt; 55 kW)
  - combustion-engine driven counterbalanced lift trucks
  - compacting screed paver-finishers
  - hand-held internal combustion-engine concrete-breakers and picks (15&lt;m&lt;30)
  - lawn mowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

### Equipment Noise by Type, Split by Power Category

**37. LOADERS (<500KW, ONLY STEEL TRACKED)**

#### Net Installed Power Category : 000129

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liebherr Werk Telfs GmbH</td>
<td>19/01/2012</td>
<td>EX_58629</td>
<td>LR634</td>
<td>105</td>
<td>110</td>
</tr>
</tbody>
</table>

#### Net Installed Power Category : 000110

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caterpillar S.A.R.L.</td>
<td>16/05/2007</td>
<td>16366</td>
<td>953D</td>
<td>104</td>
<td>109</td>
</tr>
</tbody>
</table>

#### Net Installed Power Category : 000105

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liebherr Werk Telfs GmbH</td>
<td>15/12/2009</td>
<td>EX_58628</td>
<td>LR624</td>
<td>104</td>
<td>109</td>
</tr>
<tr>
<td>Liebherr Werk Telfs GmbH</td>
<td>18/12/2015</td>
<td>EX_71064</td>
<td>LR624</td>
<td>104</td>
<td>109</td>
</tr>
<tr>
<td>Liebherr Werk Telfs GmbH</td>
<td>10/10/2018</td>
<td>EX_73198</td>
<td>LR626</td>
<td>104</td>
<td>109</td>
</tr>
</tbody>
</table>

Situation on: 12/05/2020

* These limit figures are merely indicative for these types of equipment:
  - walk-behind vibrating rollers
  - vibratory plates (\(\geq 3 \text{kW}\))
  - vibratory rammers
  - dozers (steel tracked)
  - loaders (steel tracked \(\leq 55 \text{kW}\))
  - combustion-engine driven counterbalanced lift trucks
  - compacting screed paver-finishers
  - hand-held internal combustion-engine concrete-breakers and picks (\(15 \text{lt} < m < 30\))
  - lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

### Equipment Noise by Type, Split by Power Category

#### 37. LOADERS (<500KW, ONLY STEEL TRACKED)

**Net Installed Power Category : 000072**

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/12/2009</td>
<td>EX_58627</td>
<td>LR614</td>
<td>102</td>
<td>107</td>
<td>106</td>
</tr>
</tbody>
</table>

**Net Installed Power Category : 000056**

<table>
<thead>
<tr>
<th>Certificate Date</th>
<th>Certificate Number</th>
<th>Equipment Model Name</th>
<th>Equipment Permissible Sound Power L</th>
<th>Guaranteed Sound Level</th>
<th>Measured Sound Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>25/04/2007</td>
<td>16345</td>
<td>4070 CX80</td>
<td>101</td>
<td>101</td>
<td>100</td>
</tr>
</tbody>
</table>

### Situation on: 12/05/2020

* These limit figures are merely indicative for these types of equipment:
  - walk-behind vibrating rollers
  - vibratory plates (&gt; 3kW)
  - vibratory rammers
  - dozers (steel tracked)
  - loaders (steel tracked &lt; 55 kW)
  - combustion-engine driven counterbalanced lift trucks
  - compacting screed paver-finishers
  - hand-held internal combustion-engine concrete-breakers and picks (15kW&lt;m&lt;30)
  - lawnmowers, lawn trimmers/lawn-edge trimmers

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

These limit figures are merely indicative for these types of equipment:
- walk-behind vibrating rollers
- vibratory plates (&lt; 3kW)
- vibratory rammers
- dozers (steel tracked)
- loaders (steel tracked &gt; 55 kW)
- combustion-engine driven counterbalanced lift trucks
- compacting screed paver-finishers
- hand-held internal combustion-engine concrete-breakers and picks (15 &lt; m &lt; 30)