

# ISO 17253:2014-09 (E)

## Earth-moving machinery and rough-terrain variable-reach trucks - Design requirements for machines intended to be driven on road

---

	Contents	Page
<b>Foreword</b>		iv
<b>Introduction</b>		v
<b>1 Scope</b>		1
<b>2 Normative references</b>		1
<b>3 Terms and definitions</b>		2
<b>4 Safety requirements and protective measures</b>		3
<b>4.1 General safety</b>		3
<b>4.2 Dimensions and masses</b>		3
<b>4.3 Speed</b>		6
<b>4.4 Road preservation</b>		6
<b>4.5 Dynamic stability</b>		7
<b>4.6 Steering system</b>		7
<b>4.7 Brake systems</b>		7
<b>4.8 Trailer connections</b>		8
<b>4.9 Operator's station</b>		8
<b>4.10 Operator's station with enclosed cab</b>		9
<b>4.11 Operator's controls and indicators</b>		9
<b>4.12 Lighting, signalling devices, and marking lights, and reflex-reflector devices</b>		11
<b>4.13 Plates and inscriptions</b>		11
<b>4.14 Warning devices</b>		12
<b>4.15 Protection for projections</b>		12
<b>4.16 Tools and equipment</b>		12
<b>4.17 Uncontrolled motion</b>		12
<b>4.18 Fenders</b>		13
<b>4.19 Fuel tanks</b>		13
<b>4.20 Retrieval and recovery</b>		13
<b>5 Verification of requirements</b>		13
<b>6 Operating instructions</b>		13
<b>Annex A (normative) Ground contact pressure calculation for track-laying machines</b>		15
<b>Bibliography</b>		17