basketball machine * rental * foldable on wheels



Overall risk score · average residual after protective measures

25 / 100 · Low

13 hazards assessed · highest single residual 4/10 (see table)

1–3 low 4–6 medium 7–10 high residual after measures (10 = severe)

Hazard	Measures taken	Residual
Mechanical crushing / shearing	Moving parts shielded; no accessible crush/shear points during normal use.	3
Sharp edges	Edges rounded/deburred; panels free of sharp edges.	2
striking	balls bounce unpredictably , may hit persons & bystanders	3
Stability on castors	Braked castors; low centre of gravity; warning against tipping during transport.	3
Electric shock	Protection class and earthing per IEC standards; shielded wiring; CE-marked power supply.	3
Overheating	Power supply with thermal protection; no flammable material near heat sources.	3
Service door / access	Lock on service door; access for authorised personnel only; instructions in the manual.	2
Noise	Sound level below 70 dB(A) in normal use; no hearing protection required.	1
Ergonomics	Operating height and forces within ergonomic limits;	1
Use by public / children	Intended for supervised use; no small loose parts accessible; safe play opening.	3
Transport	Lifting/lashing points or crate packaging; weight stated; castors braked while moving.	3
Coin mechanism / dispensing	Mechanism enclosed; no crush hazard at insert/dispense; fault-free return.	2
set-up/teardown	hinging metal panels, pinching , impact. Must wear protective gear, requires bolting & connecting low voltage electric cables. 2 persons	4

This risk assessment forms part of the technical file for this product, compiled in accordance with Annex VII of the Machinery Directive 2006/42/EC and the risk-reduction methodology of EN ISO 12100. It records the hazards reasonably foreseeable in normal and intended use, together with the protective and informative measures applied to reduce each residual risk to an acceptable level. On the basis of this assessment the manufacturer affirms that the product is safe for its intended use, in support of the EC Declaration of Conformity.

Assessor: **P. Scheepens** Date: **24 Jun 2026**

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