

# DIN EN 12042:2020-12 (E)

## Food processing machinery - Automatic dough dividers - Safety and hygiene requirements (includes Amendment :2020)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		4
Introduction .....		5
1	Scope .....	6
2	Normative references .....	6
3	Terms, definition and description .....	8
3.1	Terms and definitions .....	8
3.2	Description .....	8
4	List of significant hazards .....	10
5	Safety and hygiene requirements and/or protective measures .....	11
5.1	General .....	11
5.2	Mechanical hazards .....	12
5.3	Electrical hazards .....	21
5.4	Emergency stop .....	22
5.5	Unexpected start-up .....	22
5.6	Noise reduction .....	22
5.7	Protection against flour dust emission .....	22
5.8	Hygiene requirements .....	22
5.9	Ergonomic principles .....	24
5.10	Protection against spilling oil .....	24
5.11	Pneumatic and hydraulic equipment .....	24
6	Verification of safety and hygiene requirements and/or protective measures .....	24
7	Information for use .....	26
7.1	Signals and warning .....	26
7.2	Instruction handbook .....	26
7.3	Marking .....	28
Annex A (normative) Noise test code for automatic dividers - Grade 2 of accuracy .....		29
A.1	Installation and mounting conditions .....	29
A.2	Operating conditions .....	29
A.3	Measurements .....	29
A.4	Emission sound pressure level determination .....	29
A.5	Sound power level determination .....	29
A.6	Measurement uncertainties .....	30
A.7	Information to be recorded .....	30
A.8	Information to be reported .....	30
A.9	Declaration and verification of noise emission values .....	31
Annex B (normative) Principles of design to ensure the cleanability of automatic dividers .....		32
B.1	Terms and definitions .....	32
B.2	Materials of construction .....	32
B.3	Design .....	34
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered .....		49
Bibliography .....		52