

STN	Dynamické miešace a miešadlá Definície a hydraulické charakteristiky	STN EN 17877 69 1006
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Dynamic mixers and agitators - Definitions and hydraulic characterizations

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Dynamic mixers and agitators - Definitions and hydraulic characterizations

Mélangeurs et agitateurs dynamiques - Définitions et caractéristiques hydrauliques

Dynamische Mischer und Rührwerke - Definition und hydraulische Charakteristik

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 17877:2023 (E)

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European foreword

This document (EN 17877:2023) has been prepared by Technical Committee CEN/TC 458 “Industrial rotating mixing systems”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

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EN 17877:2023 (E)**Introduction**

Dynamic mixers and agitators are used mainly to set in motion one or more phases including at least one liquid and maintain mixture conditions and/or to promote mass transfer and/or heat transfer.

1 Scope

This document defines the terms and definitions relating to the field of dynamic mixing and agitation. It covers the hydraulic characteristics of mixers and agitators. It is intended to contribute to mutual understanding of the various stakeholders in a mixing or agitation project: manufacturers, users, integrators, inspection agencies, etc.

This document is applicable to mixing and agitation systems where there is at least one dominant liquid phase.

It does not apply to:

- static mixers;
- kneaders;
- submersible mixers covered by ISO 21630;
- aerators;
- pumps.

Annex A lists the definitions in alphabetical order.

2 Normative references

There are no normative references in this document.

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