



STROM-MIN Mineral Powder Production Process Lines

Mineral powder is a material produced by drying and grinding carbonate and noncarbonate rocks (limestones, dolomites, marls and their transient varieties) or solid industrial waste (ash carryover and ash-and-slag mixtures from thermal stations, dust carryover from cement plants, metallurgical slag, etc.).

Activated mineral powder is a material produced by drying and grinding rocks or solid industrial waste with addition of activating agents (a mixture of surfactants, or products containing surfactants, with bitumen), and by grinding bituminous rocks, including combustible shales.



Range of mineral powder application:

- A component of asphalt concrete
- Production of roofing materials
- A mineral additive in mixed fodder production
- An additive in concrete and concrete items production
- Soil deoxidation during agrochemical procedures
- Production of dry mix mortars

The Samara Strommashina Plant operates in the market of drying and grinding machinery for rocks used as construction materials for over 50 years. The equipment produced by the plant is of utmost reliability and high performance providing perfect quality products, versatility, modern level of automation and competitive price.

Advantages

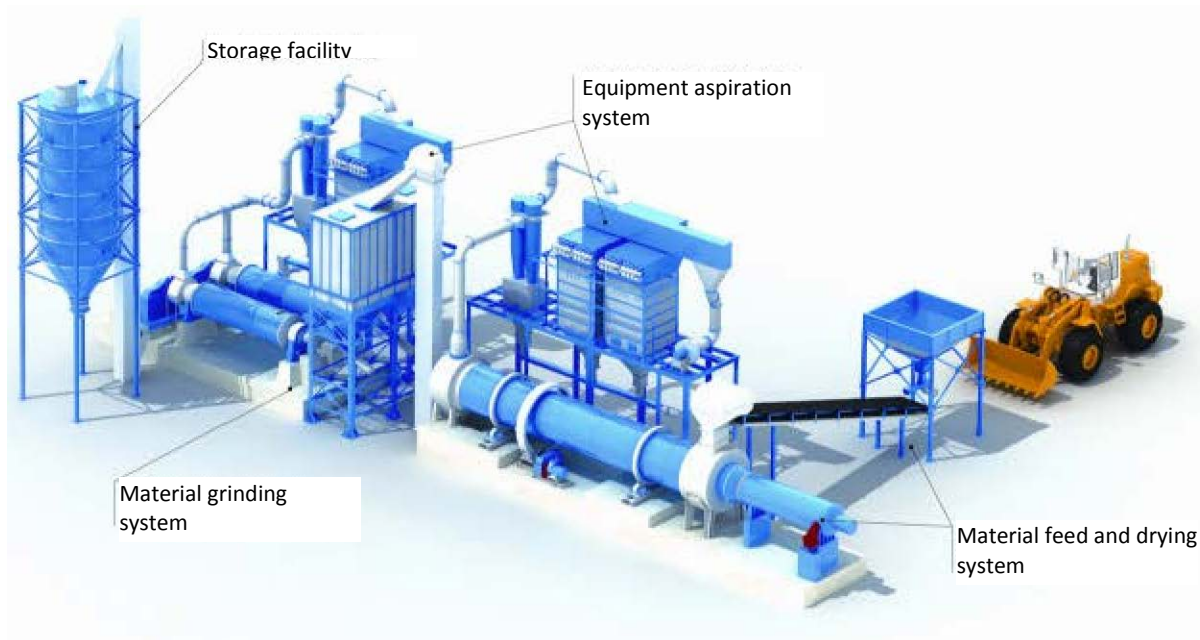
- The mineral powder production line – design, manufacturing, delivery, contract supervision
- Equilibrium in all equipment assemblies based on the practice of direct delivery from the manufacturer
- The entire range of consulting services in production technologies including the materials used in manufacturing. Engineering
- Demonstration of equipment in operation
- Warranty service and maintenance, scheduled spares delivery
- Flexible payment options
- Production of minerals powders of grades MP-1, MP-2

Line structure

- Material feed and drying system
- Equipment aspiration system
- Material grinding system
- Storage facility
- Powder activation system

OUR ADVANCED TECHNOLOGIES ALLOW
DESIGNING MODERN PRODUCTION LINES

PROCESS LINE ARRANGEMENT OPTION



Process line parameters	STROM-MIN-8	STROM-MIN-15
Performance*, t/h	up to 8	up to 15
Fractional composition of source material, mm	up to 50	up to 50
Fractional composition of final product, mm	per GOST R 52129-2003	per GOST R 52129-2003
Humidity of source material, %	up to 15	up to 15
Installed capacity*, kW/h	up to 210	up to 370
Natural gas flow rate*, m ³ /h	up to 135	up to 254
Overall dimensions, m Length * Width * Height	50*15*20	50*35*20
Weight, t	75	125

*The process line parameters should be specified in each particular case based on the properties of the source material and the requirements for the final product.