

Comfort 2010

Controlling and monitoring of extraction units



FRIETERS
KOMFORT 2010
Die einzigartige Steuerung

Frieters Steuerungstechnik GmbH
Zugspitzstrasse 71, D-86163 Augsburg/Germany, Tel +49 (0)821.602604
Fax +49 (0)821.602605, info@frieters.com, www.frieters.com

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www.frieters.com

Complete solution



- the worldwide first complete solution for all extraction units
- appropriate for wood, metal, plastic and much other application areas

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All controls via one touch-display



- residual dust measurement (also by different air speeds)
- spark quenching (till to 6 lines)
- individual parameterisation (without expensive programming)
- energy budget (control every machine tools)

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Comfort in detail



- multilingual menu navigation
- applicable for settlement in overseas
- menu navigation also for foreign-language staff members
- 6-language-solution



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Compatible for all extraction units



- for all industries
- individual parameterisable
- without programming
- unbeatable price / performance ratio
- sources of error are almost excluded through parameterise software tool

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norm conformance



- confirm already today all requirements of the fire protection, energy budget, till to residual dust measurement by different air speeds
- the measurement happens of dust concentration of till 2 residual dust sensors like current guidelines of government safety organisation

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easy startup



- no knowledge and programming essential, through the integrated startup tool
- automatic regulable cascade connection allowed an optimal energy saving between PLC and frequency converter

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user-friendly operation



- the whole operations happens comfortable via touch display for frequency converter, spark extinguishing installation and any other control function

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attachment status in focus



- the visualisation happens via curves and directly shows pressure data, power, frequency, activity and any other important parameter
- the whole energy budget of the extraction unit and all machine tools visualise in kWh

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ASI-bus-compatible



- optional it could happen the control all machines, slider, monitoring to the point of dedusting via a 2-landline-circuit through ASI-bus
- remote maintenance via internet or funkmodem

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spark quenching



- monitoring, startup and visualisation up to 6 spark lines incl. spark counter
- extinction media, water, carbon dioxide or lime
- reducer the insurance premium through integratin a spark extinguishing installation

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slide-valve control



- optimise exhaust-gas bypass flap function
- display control till to 6 streams and 64 machines as the case may be
- 64 elapsed-time counter
- energy calculation of the whole manufacturing shop in kWh

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directly vantages



- shortest deliverytime through modulsystem with complete software, plans and instruction
- pricing directly through the Frieters-konfigurator
- directly reducing of cost of operation
- preventive safeness
- humane forhandedness

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upgradable



- till 6 exhaust fan in cascade connection or group ordered
- 6 motor of export
- 64 slider / 64 machine detection
- 64 dedusting valves / vibrator motors / scavenging air
- 6 spark quenching lines with spark counter
- 2 residual dust control
- 3 size in dication of filling-level for filter / silo as bar diagramm with control of holding via fill-level size
- monitoring sensors like burst disk, swinging, turn monitoring etc.

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