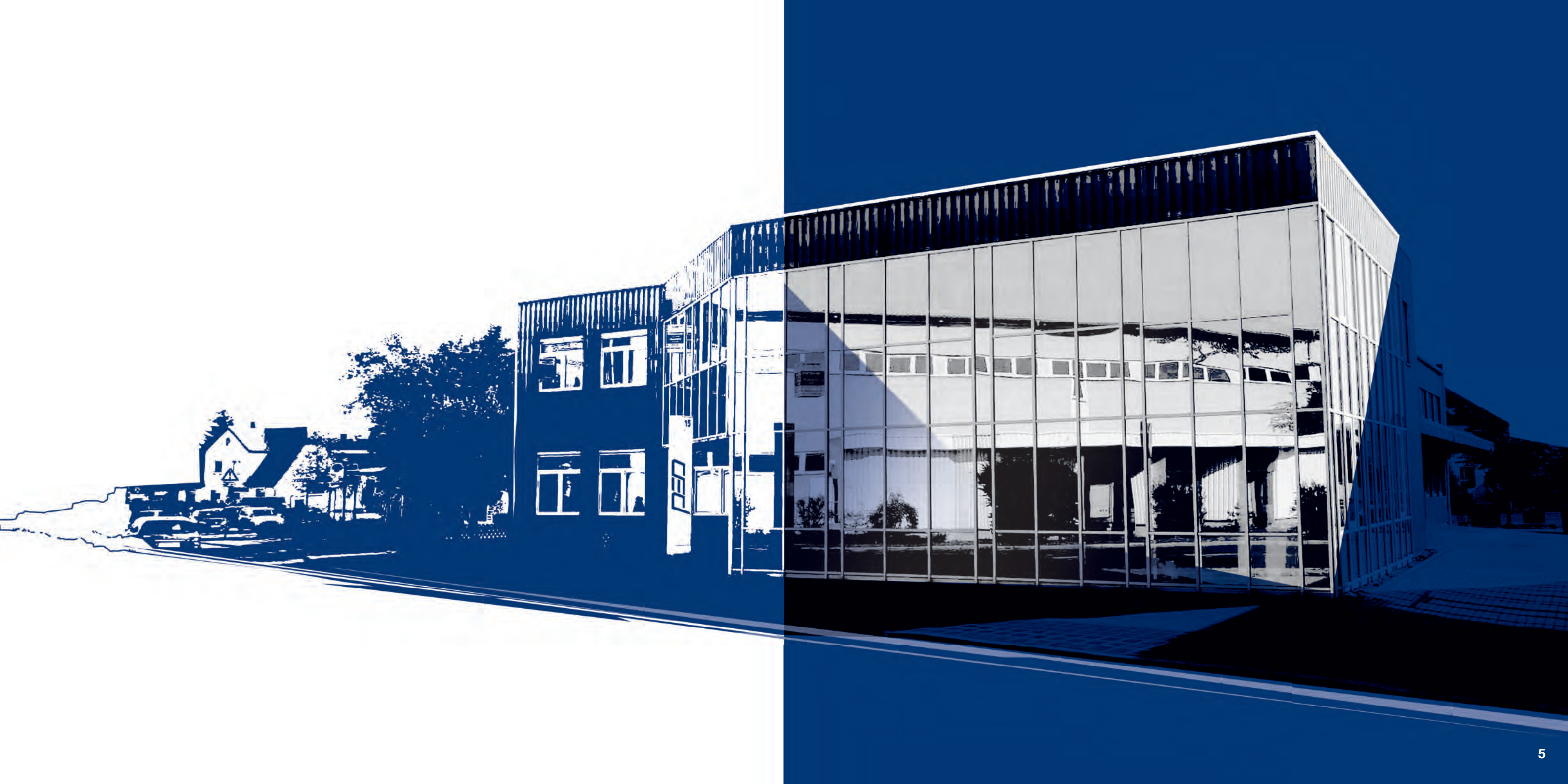


*PEO*

**PEO**



PED Deutschland GmbH – all around drives technology, you are in good hands. Since its foundation in 2001 we continuously increased our product range. Today we offer a complete spectrum, from a variable speed drive for standard applications up to switchboards designed, planned and manufactured in accordance with your demands and specifications.

POWER ON

WE ARE  
HERE FOR YOU,  
365 DAYS PER  
YEAR, 24H A DAY.







# SD300

If you are looking for a powerful „variable speed drive“ for standard applications this is the right choice.

|                  |  |
|------------------|--|
| Serie:           | SD300  |
| Power Range:     | 0.4 bis 2.2 kW; Single Phase<br>0.4 bis 30 kW; Three Phase |
| Voltage Range:   | 230 V Single Phase; 400 V Three Phase                      |
| Protection Rate: | IP20/IP66  |
| Warranty:        | 3 Years  |
| Stock Item:      | IP66   |
| Special Feature: | IP66 with circuit breaker                                  |



The SD300 series generates outstanding results in applications where precise control with heavy load and high starting torque is required.

The dual work area (150% overload @ 50°C for heavy duty applications and 120% overload @ 40°C for normal duty) enables the use of a motor for pump and fan applications of one power stage higher.

The IP66 models with integrated circuit breaker ensure a failure free use in harsh environments.

The versatile SD300 is a real all-round unit, with unique features to be used in water treatment and irrigation systems, food- and beverages industry, heat and ventilation applications as well as textile, plastics and wood industry.

In sum, the SD300 to be used in various applications of automated machines is always a good choice.





The conformal coated printed circuit boards ensure operation under harshest environment. Additionally it is fitted with line chokes and EMC filters at the input and dV/dt filter (< 500V/μs @400V) at the output.

The mechanical construction is modular built and enables identical components all over the complete power range. Thus enables extremely short lead times.

|                  |   |
|------------------|---|
| Serie:           | SD700   |
| Power Range :    | 2.2 to 1700 kW; 400/500 V<br>45 to 2500 kW; 690 V               |
| Voltage Range:   | 400 / 500 / 690 V Three Phase                                   |
| Protection Rate: | IP20/IP54   |
| Warranty:        | 3 Years   |
| Stock Item:      | IP54 up to 75kW   |
| Special Feature: | Available as an „Active Front End“<br>device from 110kW onwards |



## SD700

The SD700 series is a tough device and was specially developed for standard applications and built up to operate in rough environment.





651.W.3015

W.3015

651.W.3016

PEO

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# YASKAWA

Yaskawa as a pioneer in drives technology manufactures over 2 million variable speed drives worldwide.

|                  |  |
|------------------|--|
| Series:          | V1000  |
| Power Range :    | 0.2 to 4.0 kW; Single Phase<br>0.2 to 15 kW; Three Phase   |
| Voltage Range:   | 230 V Single Phase; 400 V Three Phase  |
| Protection Rate: | IP20/IP66  |
| Warranty:        | 2 Years  |
| Stock Item:      | Complete range available ex stock  |
| Special Feature: | With optional software to be used in refrigeration applications with integrated compound controller. |



|                  |  |
|------------------|--|
| Series:          | A1000  |
| Power Range :    | 0.4 to 355 kW  |
| Voltage Range:   | 400 V Three Phase  |
| Protection Rate: | IP20   |
| Warranty:        | 2 Years  |
| Stock Item:      | Up to 75 kW  |
| Special Feature: | With optional software to be used in refrigeration applications with integrated compound controller. |

These frequency inverters are a synonym for highest quality and outstanding performance for all kind of electric motors. Thanks to its most flexible software features enabling optimal adaption to all sorts of applications.



The PED-BLUE II series is a modular built up switchboard cabinet series for all sorts of applications, with our without frequency inverters. The different sizes are individually designed and offer highest flexibility.

In case your requirements differ from common standards our own team of cabinet builders offer an effective and payable alternative. Throughout the unique possibility to mount the heat sink of the variable speed drive through back plate, the hot devices will get their cooling outside of the cabinet. An expensive cooling system is no longer required.

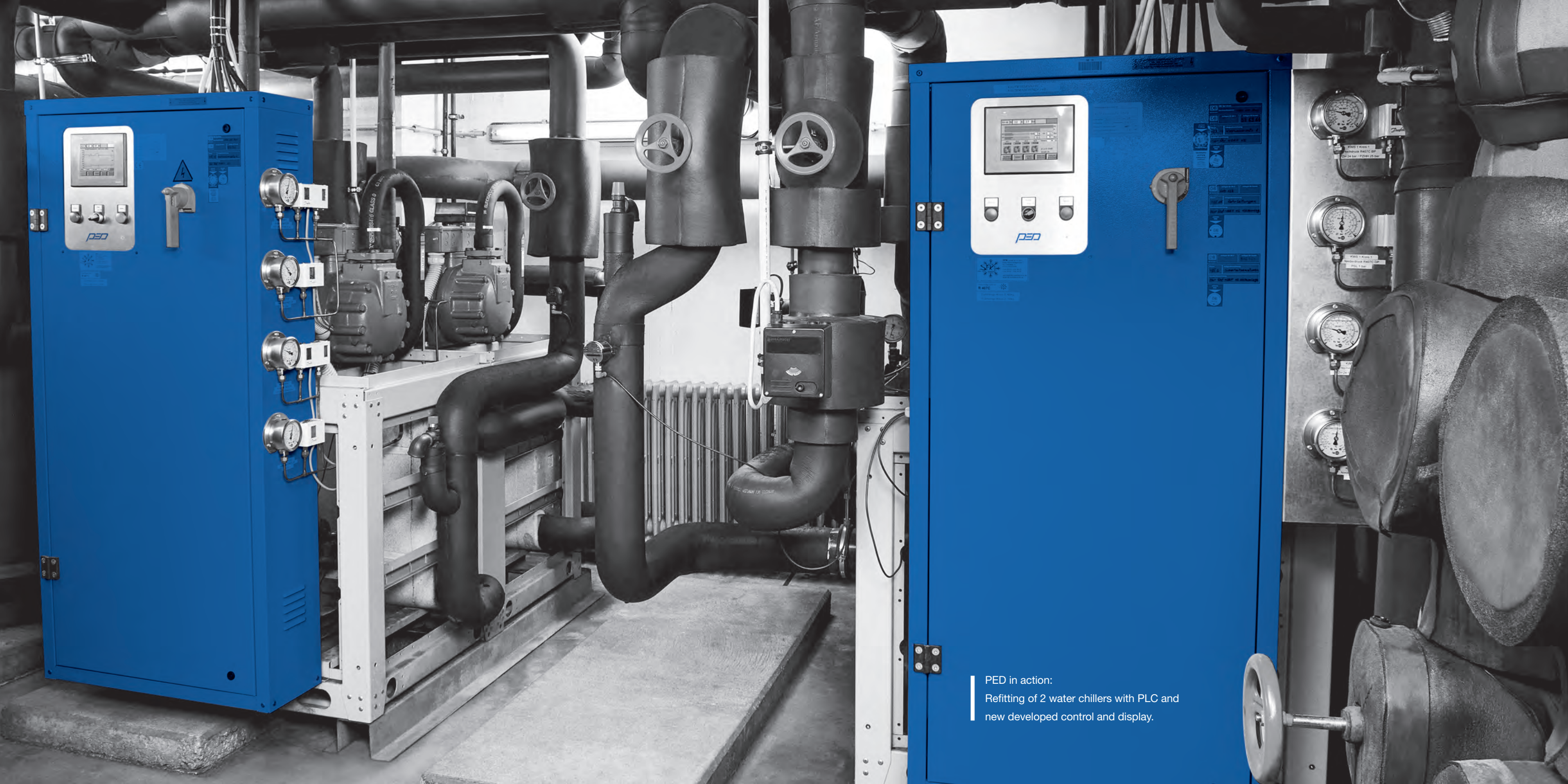
| Series:                    | Name               | PED-Blue         |
|----------------------------|--------------------|------------------|
| Sizes (B x H x T in mm):   | S6                 | 250 x 400 x 270  |
|                            | S4                 | 400 x 400 x 270  |
|                            | S8                 | 400 x 600 x 275  |
|                            | S100               | 600 x 800 x 275  |
|                            | S200               | 800 x 1000 x 385 |
| With optional TFT display: | S100 / S200        |                  |
| Special feature:           | Customized devices |                  |



## PED-BLUE II SERIES

In accordance with your demands: Our customer specific cabinet system with modular extensions.





PED in action:  
Refitting of 2 water chillers with PLC and  
new developed control and display.





## PED SELF-BUILT SYSTEMS

Doing projects on site,  
saves money and time,  
we like to come.

PED is not bounded to its premises, on demand we modify and set your requests on site in accordance with customer's specifications. Thus enables PED to change old systems price wise interesting, into state of the art control technology.

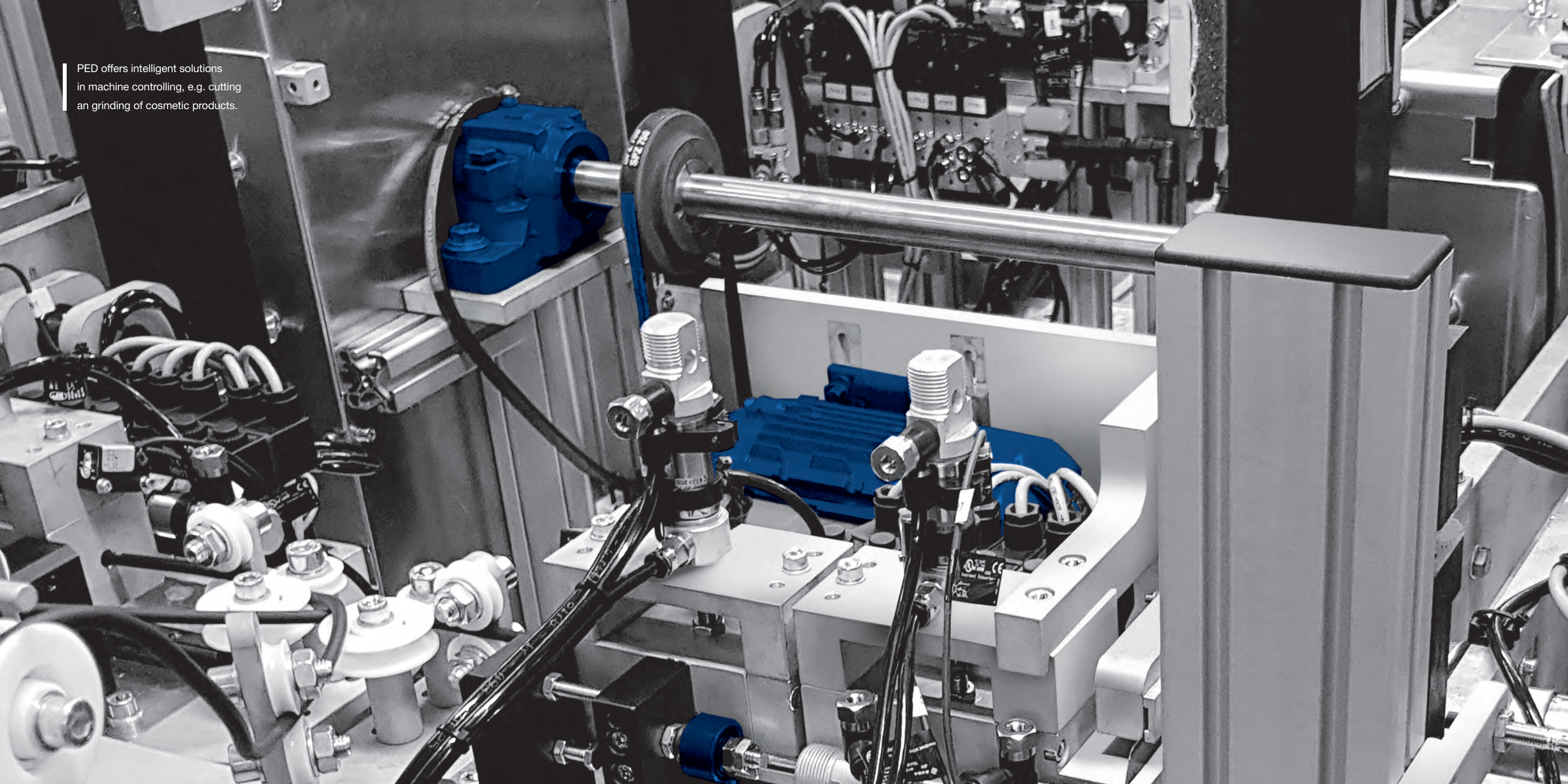
You have got special requirements? No problem. Pass simply on your specification, we do the rest.

Regardless for a need of a PLC with individual monitoring on a graphic display or a complex inclusion in an existing network, you get from a single source. From planning, programming up to a complete modification on site. Of course we obliged ourselves to use only well named components to be used in industrial environments, from leading suppliers.





PED offers intelligent solutions  
in machine controlling, e.g. cutting  
an grinding of cosmetic products.







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