

Powerful, perfectly
coordinated
components, compact
design. A new level of
EFFICIENT PROCESSES.

Christian Pfeiffer worldwide

Headquarters

Christian Pfeiffer Maschinenfabrik GmbH
Sudhoferweg 110-112
59269 Beckum
Germany

Phone +49 2521 849-0
Fax +49 2521 849-123
office.de@christianpfeiffer.com

Branch Office Liezen

Werkstrasse 5
8940 Liezen
Austria

Phone +43 3612 270-4101
Fax +43 3612 270-4118
office.at@christianpfeiffer.com

Bolivia

Christian Pfeiffer Latinoamericana S.A.
+591 3 9232875
office.bol@christianpfeiffer.com

China

Christian Pfeiffer Cement Machinery
(Suzhou) Co. Ltd.
+86 512 5235 8378
office.cn@christianpfeiffer.com

India

Christian Pfeiffer India Pvt. Ltd.
+91-0120-2554595
office.in@christianpfeiffer.com

Malaysia

CPB Engineering Sdn Bhd
+60 3 62112358
office.my@christianpfeiffer.com

North America

American Pfeiffer Corporation
dba Christian Pfeiffer America
+1 (610) 356 6995
office.us@christianpfeiffer.com

WOGEMA

WOGEMA GmbH
+43 676 88271896
office@wogema.at

FO_002_19_EN_01



More than just grinding and separation:
EFFICIENT PROCESSES

We understand, analyze and optimize the entire grinding process. Thanks to this expertise, Christian Pfeiffer has been one of the technology leaders in the grinding industry for over 90 years.

Compact Grinding Systems



Visit us at
christianpfeiffer.com



Enter new markets with the ME Compact Grinding System

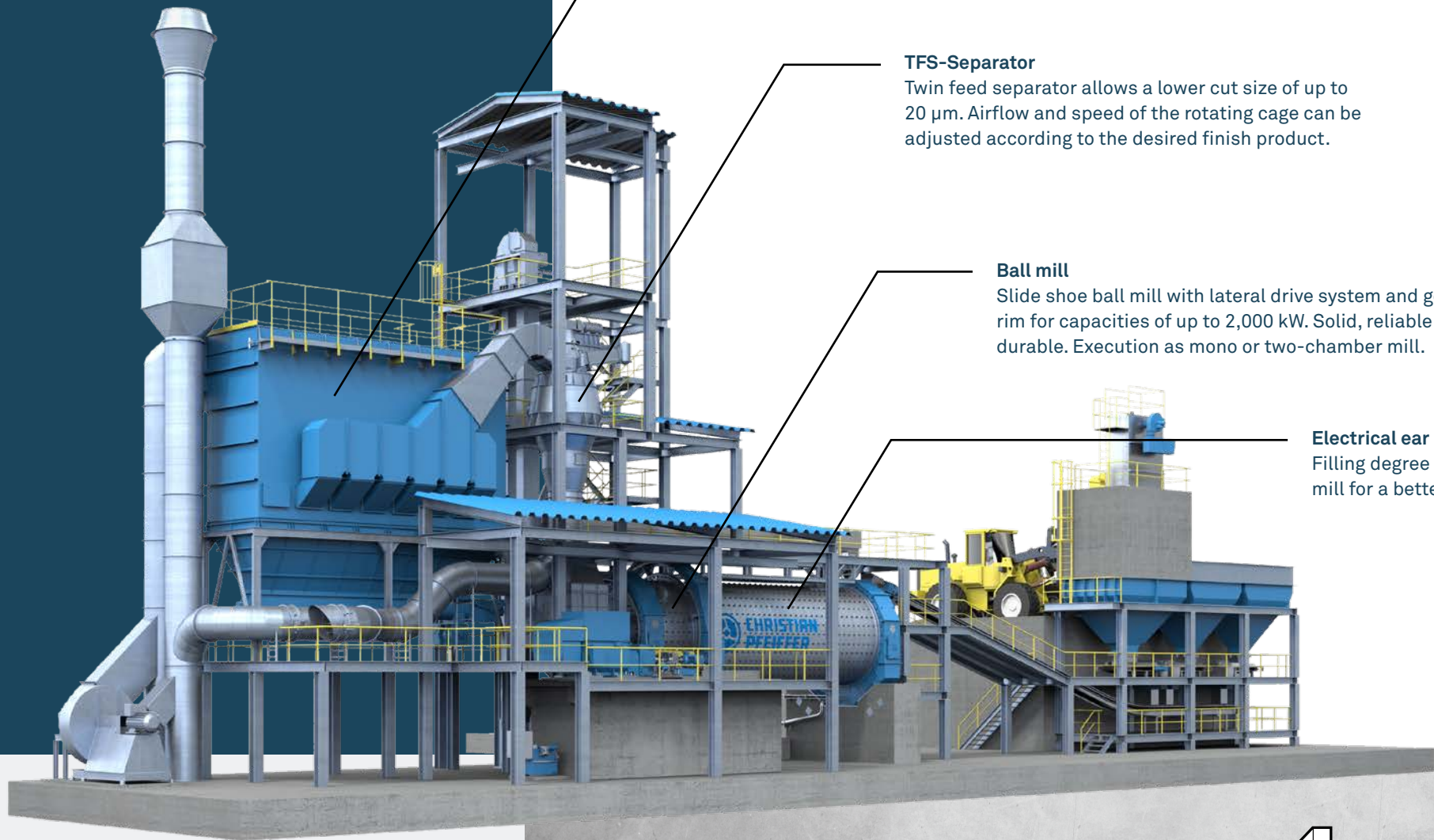
Wherever short-term and efficient grinding of mineral bulk material is required onsite, the ME Compact Grinding System is deployed. Due to perfectly assembled components, our Compact Grinding Systems realize a fast and efficient supply, installation and relocation.

This is what we call **MOBILE EFFICIENCY**.

The compact design allows the optimal interaction of all components. This is the reason for both, the possibility of fast commissioning and the maintenance-friendly of the plant. Thus, the ME Grinding System allows the fast entry into local or growing markets. The plants can be erected in areas with even limited space or infrastructure possibilities and ensure short delivery routes as well as a fast realization on site.

Optimized for your local grinding process

- Compact production line for grinding of mineral bulk material from 26 t/h up to 52 t/h
- Highly maintenance-friendly
- Up to 33 % filling degree, depending on mill size
- Optimal heat balance, according to defined factors
- Use of grinding aid possible – even without modification
- Calculation of the expected temperatures in the plant on the basis of customer specifications
- hot gas generator or water injection system to achieve optimum process temperature



Unique filter and ventilation system
One common filter/ventilation system with radial fan for separator and ball mill; masters the entire air circulation and minimizes the investment and space requirements of the entire plant.

TFS-Separator
Twin feed separator allows a lower cut size of up to 20 µm. Airflow and speed of the rotating cage can be adjusted according to the desired finish product.

Ball mill
Slide shoe ball mill with lateral drive system and gear rim for capacities of up to 2,000 kW. Solid, reliable and durable. Execution as mono or two-chamber mill.

Electrical ear
Filling degree measurement of the mill for a better operational control.

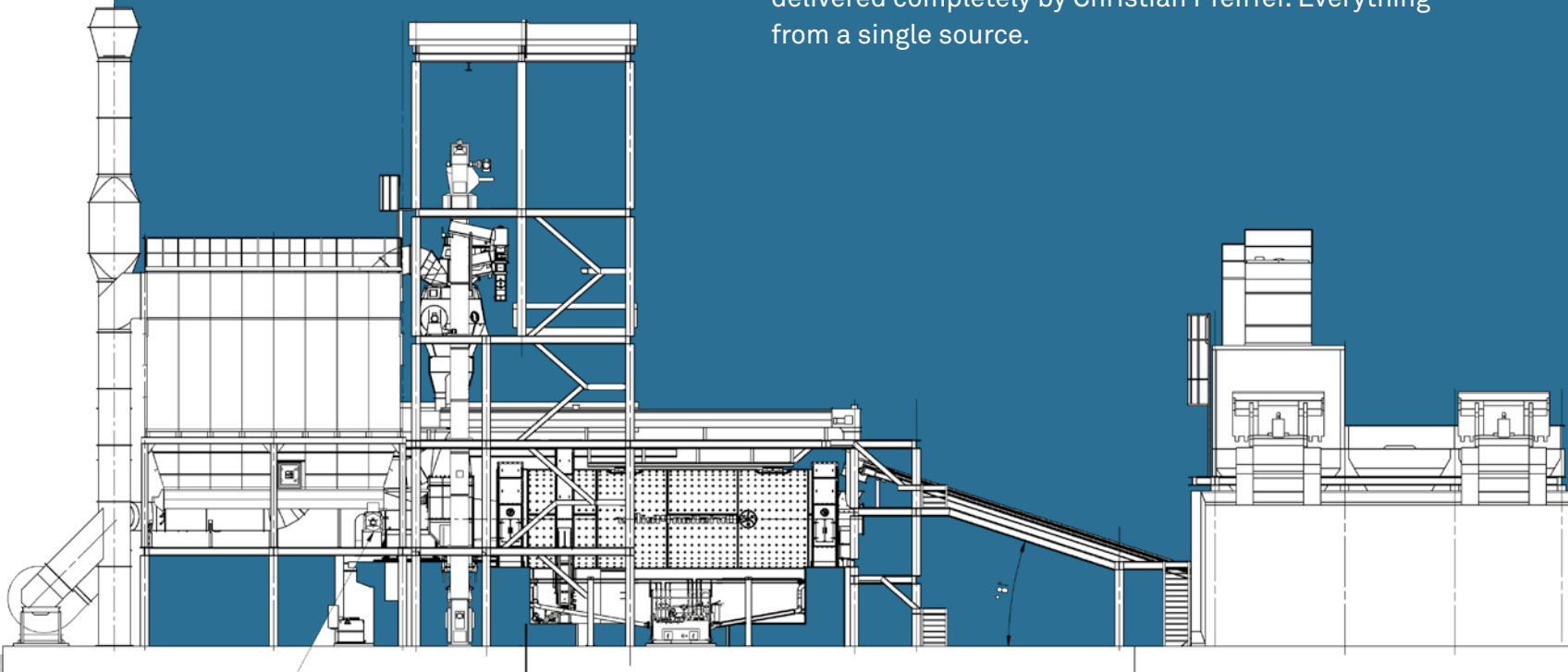


Perfect coordination in every detail

Our ME Compact Grinding System is more than the sum of its parts. All single components are made of extremely robust and durable material. They are optimally adjusted to each other and allow highly reliable, low-maintenance and efficient process steps – exactly where it’s needed.

According to the application field and feed material, the ME Grinding System is available in different sizes and executions.

The plants, including all components, are produced and delivered completely by Christian Pfeiffer. Everything from a single source.



Technical specifications

Size	I	II	III	IV
Mill Size (ø x egl)	2.8 m x 9.0 m	3.0 m x 9.5 m	3.2 m x 10.0 m	3.4 m x 10.5 m
Mill installed power	900 KW	1100 KW	1400 KW	1600 KW
Max Production rate OPC @ 3.000 cm ² /g (FD 33%)	28 t/h	35 t/h	44 t/h	52 t/h
Ball charge chamber I	77 t/h	94 t/h	114 t/h	127 t/h
Mill speed	19.4 rpm	18.8 rpm	18.2 rpm	17.6 rpm
Separator size	TFS 35.0-Z	TFS 48.0-Z	TFS 56.0-Z	TFS 65.0-Z
Fan Volume flow	35000 Am ³ /h	48000 Am ³ /h	56000 Am ³ /h	65000 Am ³ /h
Filter size	35000 Am ³ /h	48000 Am ³ /h	56000 Am ³ /h	65000 Am ³ /h
Separator installed power (max.)	75 KW	90 KW	110 KW	110 KW
Separator max fines load	28 t/h	38 t/h	45 t/h	52 t/h
Separator max feed	63 t/h	86 t/h	101 t/h	117 t/h

