

CONTINUA+

CONTINUA+ is the ceramic industry's leading technology for the manufacture of slabs, large tiles and sub-sizes of variable dimensions and thickness.

CONTINUA+ 是陶瓷行业生产大板、大尺寸瓷砖和各种小规格、各种厚度瓷砖的领先技术。

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SACMI

ENDLESS INNOVATION SINCE 1919

CONTINUA+

***HYPER
SPEED***



HYPER-PRODUCTIVE
高生产效率

Speeds of up to 12 linear meters/minute on all models, delivering productivity of more than 30,000 m² per day.

所有型号的机型，线速度可达12米/分钟，
实现日产量超30,000平方米。





HYPER-VERSATILE 灵活性强

Thickness from 3 to 30 millimeters.
Fired widths of up to 200 cm.
Compacted waste <1.5% regardless of size, with all scrap able to be recycled back into the process.

厚度从3-30mm，烧成宽度可达200cm。
压制废料<1.5%，无论什么尺寸，所有废料均可回收到生产流程中。



HYPER-SUSTAINABLE 可持续性高

The lowest consumption for this technology, 0.04 kWh/m² at the compaction stage, 90% less oil required compared to a traditional or discontinuous press, low noise levels, no foundations.

能源消耗极低，压实阶段仅为0.04KWh / m²，和传统压机或者非连续压机相比，油量所需量减少90%，低噪音，不需要基础。





V-NATURE

Digital powder feed system for full-body decoration

用于通体装饰的数码布料系统

DMS

Batching unit to apply ceramic materials such as micronized powders, glazes or flakes over the entire slab surface

分批布料设备，可将陶瓷材料如微粉，釉料或碎粒布在整个大板表面

APB

Feeds a layer of mono-color powder

布一层单色粉料

APB-M

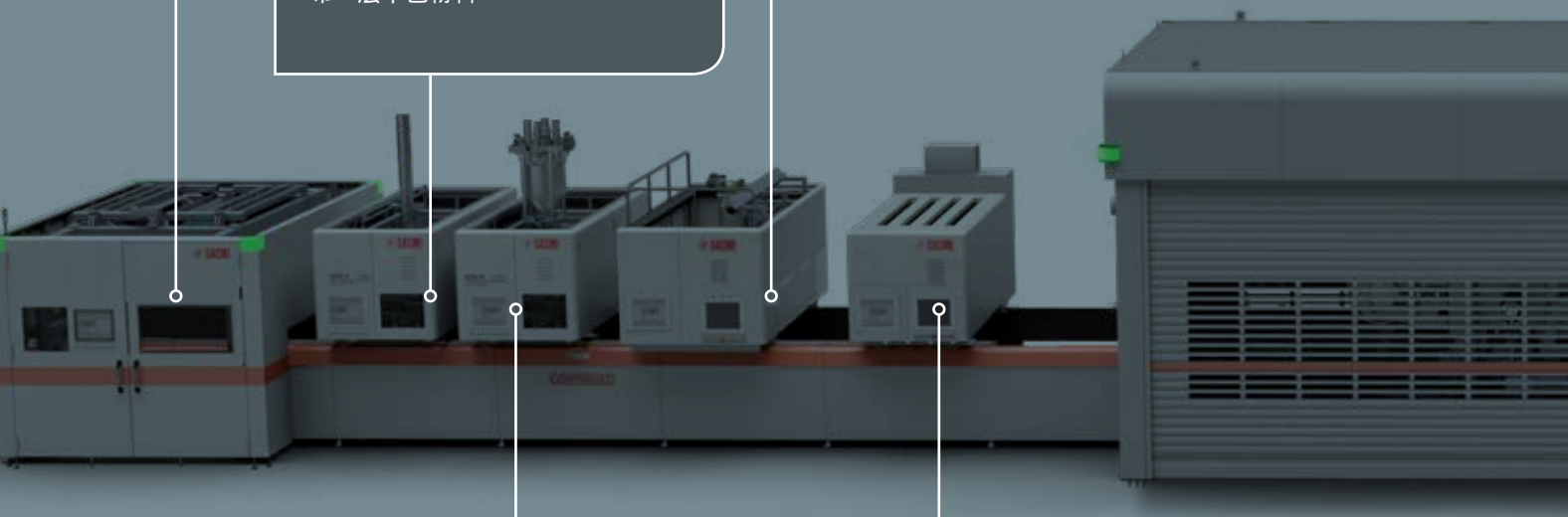
Feeds a mixer-combined layer of colored powders (max 4 colors)

布一层混合颜色的粉料（最多四层）

DDD

Digital system for the decoration of surfaces using colored powders

使用彩色粉料进行表面装饰的数码系统



PCR

Continuous compaction of the powder layer directly on the conveyor belt

直接在皮带上连续压制粉层

RRS

Conveyor system to feed downstream line

输送系统，用于输送坯体至下游

OPTIMA+

Camera-type vision system for quality control of unfired slabs

摄像型视觉系统，用于监测未烧大板的质量

TPV

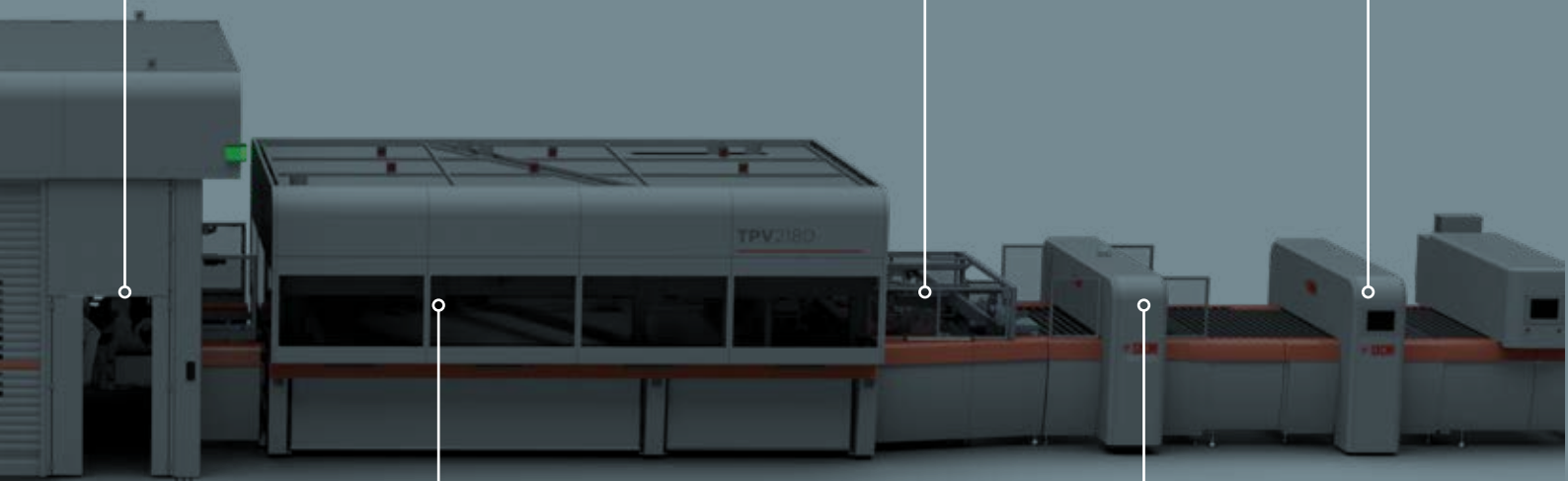
The compacted ceramic slab is cut as it moves

用于切割压好的并在移动的陶瓷大板

MDX

Device measuring density and thickness

用于测量密度和厚度的设备





Hyper-productive 超高效

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SPEED

up to 12 linear meters per minute on all models

The world's leading ceramic slab and tile forming technology, CONTINUA+ delivers unmatched speed and productivity.

HIGH PRODUCTIVITY

over 30,000 m²/day

Fast, powerful and quiet, CONTINUA+ ensures the **highest compaction quality** by employing a process that does not require a traditional press or mold.

Unparalleled

COMPACTION QUALITY

All PCR models can operate at speeds of **up to 12 linear meters per minute**, with output rates of **over 30,000 m² per day**.

Integrated

PROCESS CONTROL SYSTEMS

All phases, from on-belt powder deposit to forming, cutting and digital decoration are seamlessly integrated with state-of-the-art vision and **process control systems**.

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速度

所有机型可达线速度12米每分钟

世界领先的陶瓷大板和瓷砖成型技术，CONTINUA+实现了超高速度和生产力

高生产力

日产量每天30,000平方米

快速、强劲和安静，continua+无需传统压机或模具就可实现超高的压实质量

无与伦比的

压实质量

所有PCR机型都可以12米每分钟的线速度运转，输出日产量30000平方米。

统一协调的

工艺控制系统

所有阶段，从皮带上的粉末布料到成型，切割到数码装饰，通过工艺控制系统实现无缝衔接，达到艺术视觉效果。



Hyper-versatile

更通用

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MAXIMUM VARIETY of size and thickness

CONTINUA+ lets manufacturers vary thickness from **3 to 30 mm**, with **fired widths of up to 200 cm** and potentially limitless length.

ULTRA-LOW SCRAP (<1.5%) regardless of size

Waste is minimized (just **1.5% max. compacted scrap regardless of the size**, with all scrap able to be recycled back into the process) and size changeovers are fast (from 5 to 30 minutes depending on the product).

FAST SIZE CHANGEOVER

CONTINUA+ gives you incredibly versatile control of **slabs, sub-sizes, smooth and textured surfaces**.

Integration with the on-the-fly cutting machine (TPV), ultra-short belt replacement times and minimal scrap (independently of size) combine to make CONTINUA+ the perfect solution for managing **complex production mixes**, thus maximizing efficiency even when manufacturing tiles smaller than the nominal size.

ADAPTS TO ALL BODY TYPES

In addition to standard porcelain stoneware bodies, CONTINUA+ can form **all types of red and white tile body**, whether spray-dried or not.

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多样化 在尺寸和厚度上

CONTINUA+ 可使厚度在 **3-30 毫米** 之间变化，**烧成宽度可达 200cm** 以及潜在的无限制长度。

超低废品率 (<1.5%) 无论任何尺寸

废料已降至最低（**无论何种尺寸，压制废料不超过1.5%**，所有废料都可以回收到生产流程中）尺寸转换快速（仅需5-30分钟，根据不同的产品而定）

尺寸快速更换

CONTINUA+可让您灵活生产**大尺寸，小规格，光滑和结构表面的产品**。

实时切割设备（TPV），超短的皮带更换时间以及超低的废品率共同铸就了CONTINUA+成为管理**复杂生产尺寸**的完美解决方案，即使生产比常规尺寸小的瓷砖也能使效率最大化。

适应所有坯体类型

除了标准的瓷质砖坯体之外，CONTINUA+ 还可以压制各种类型的红坯和白坯，不管是否为干燥喷雾粉料。



Hyper-sustainable 可持续的

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LOWER CO₂ EMISSIONS

Compared to traditional solutions, CONTINUA+ drastically reduces consumption and emissions.

LESS ELECTRICITY

consumption

Specific consumption is the lowest for this technology, as low as **0,04 kWh** per m² during the compaction stage.

LOWER COSTS

for maintenance and disposal

Hydraulic oil requirements have been reduced by more than 90% compared to a traditional or discontinuous press.

ZERO foundations, the lowest noise, dust and vibration levels on the market

What's more, CONTINUA+ **requires no foundations** for its installation and has **the lowest noise**, vibration and dust levels on the market.

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超低CO₂排放

和传统解决方案相比，CONTINUA+极大地减少了能耗和排放

耗电少

在压制阶段，低至每平方米 **0,04 kWh**，是该技术最低的能量消耗。

低成本

维护和处理

和传统或者非连续性压机相比，液压油的需求也减少了90%以上。

零基础，低噪音，少灰尘，微振动

再者，CONTINUA+无需安装基础，与市场上其他解决方案相比，噪音、振动和灰尘都是最少。

Adding value to ceramic product

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CONTINUA+ expands ceramic production horizons, giving manufacturers the opportunity to diversify their **high-added-value product range**:

- **slabs and tiles** for floors, walls and outdoors, both smooth and textured
- **kitchen tops**, sinks, tables and other furnishing elements.

Digital synchronization between colored powder loading systems and SACMI Deep Digital surface decoration (DHD, DDG) lets manufacturers create innovative technical products with unrivalled aesthetics, depth and texture.

Alongside superb flatness and consistent density/thickness comes the ability to manage both smooth surfaces and **textured products** with the utmost versatility: all thanks to CONTINUA+ '**true depth**' logic, which combines the power of the compactor with a new generation of high-performance textured belts.

On CONTINUA+, state-of-the-art process control and Line Manager software streamlines the handling of complex, diversified production mixes. Users can also add new cutting-edge functions to the system such as digital product tracking (Id-Tiles).

为陶瓷产品带来附加值

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CONTINUA+ 拓宽了陶瓷生产的边界，为生产者带去扩大其**高附加值产品范围**的机会：

- **大板和瓷砖** 用于地板，墙壁和户外，光滑和纹理的均有；
- 厨房台面，水槽，桌子和其他家具元素。

数码同步 彩色粉料布料系统和 SACMI 深度数码表面装饰（DHD, DDG）使生产厂家能够生产出新兴的，有着无与伦比的美学效果、具备凹凸和纹理的技术产品。

除了超级平整以外，连贯一致的密度/厚度使表面光滑和纹理产品都具有极致的灵活通用性。得益于CONTINUA+ “真深度”逻辑，即，将压制机器的粉料和新一代高性能的纹理皮带相结合。

在CONTINUA+上，最先进的工艺控制和LINE Manager软件可以对复杂多样化的生产处理进行精简。用户也可添加先进的功能到系统上，比如数码产品追踪（ID-tiles）

Nature, made ceramic

自然 造就陶瓷

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New powder deposit devices and V-Nature digital synchronization ensure a perfect match between decoration in the body of the slab and on its surface.

Coordinated on the CONTINUA+ line, these devices digitally synchronize decoration, starting with the source graphics file: from digitally controlled powder deposit on the PCR compactor to coordination of downstream digital decoration. The result: a product with unique quality and aesthetics, sharp in-depth detail that's infinitely replicable, plus all the beauty and texture of natural materials.

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新粉布料设备和V-Nature数码同步可确保大板内部的纹理和表面的纹理完美匹配。

结合CONTINUA+, 这些设备通过软件去同步装饰纹理, 初始的图案文件贯穿整个过程中, 从数码控制粉料沉降到PCR上, 到下游数码装饰。最终, 一款有质感有颜值, 有明显凹凸细节且不可复制的, 还有着自然材料纹理和美感的產品应运而生。





"True depth" textured product - 有纹理的产品“真正的深度”



Digital tracking of the slab (Id-Tiles - 大板数码追踪 (*Id-Tiles*))

Technical data

技术参数

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		PCR 2000	PCR 2120	PCR 2180	PCR 3000	NEW PCR
Width (fired) 宽度 (烧成品)	mm	900 - 1600	750 - 1200	1000 - 1800	1000(≈)1800	1200 - 2000
Thickness (fired) 厚度 (烧成品)	mm	3 - 20	3 - 20	3 - 20	3 - 30	3 - 30
Maximum productivity 最高产量	[m ² /day]	25600	19300	28900	28900	32000
Pre-press applications 压机前可配设备	台	1 - 5	1 - 5	1 - 5	2 - 5	5
PCR: oil quantity PCR: 油量	[l]	120	120	200	200	200
TPV: minimum longitudinal dimension TPV: 最小纵向尺寸	[mm]	300	300	300	400	600
TPV: minimum crossways dimension TPV: 最小横向尺寸	[mm]	300	300	300	400	600

SHARED TECHNICAL SPECIFICATIONS

Energy consumption: as low as 0.04 kWh/m²

PCR upper belt changeover time:
less than 30 min

共享技术参数

能耗: 低至 0,04 kWh/m²

PCR上皮带更换时间: 不到30分钟

