

PHC RED EDITION - 红色系列

The Red Edition® family, consisting of the fastest presses on the market, is here.
Connectivity, efficient use of power. Perfect for large product sizes.

Red Edition红色系列, 市场上速度最快的压机, 在这里。连通性好, 电能利用率高, 非常适合大尺寸产品。

PHC

**Red
Edition**



SACMI

ENDLESS INNOVATION SINCE 1919

PHC *RED EDITION*

At a glance

THE HIGHEST PRODUCTION SPEEDS

The highest output rates with the market's most popular sizes

REDUCED SQUARING REQUIREMENTS

Thanks to higher quality and a more precise pressing process

LONGER MACHINE LIFE

Unmatched, long-lasting repeatability, more efficient use of power

BETTER QUALITY

Uniformity, consistent dimensions, ideal for large sizes

LOWER MAINTENANCE COSTS

Reduced maintenance downtimes, 'smart' settings and maintenance control

简介

生产速度最高

生产速度最高, 可以生产最流行的尺寸

减少切边需求

归功于更高的质量和更精确的压制过程

机器使用寿命更长

无可匹敌的, 持久的可重复性, 用电更高效

质量更好

尺寸连贯一致, 大尺寸的理想选择

维修成本更低

减少维修停机时间, “智能”设置和维修管控”

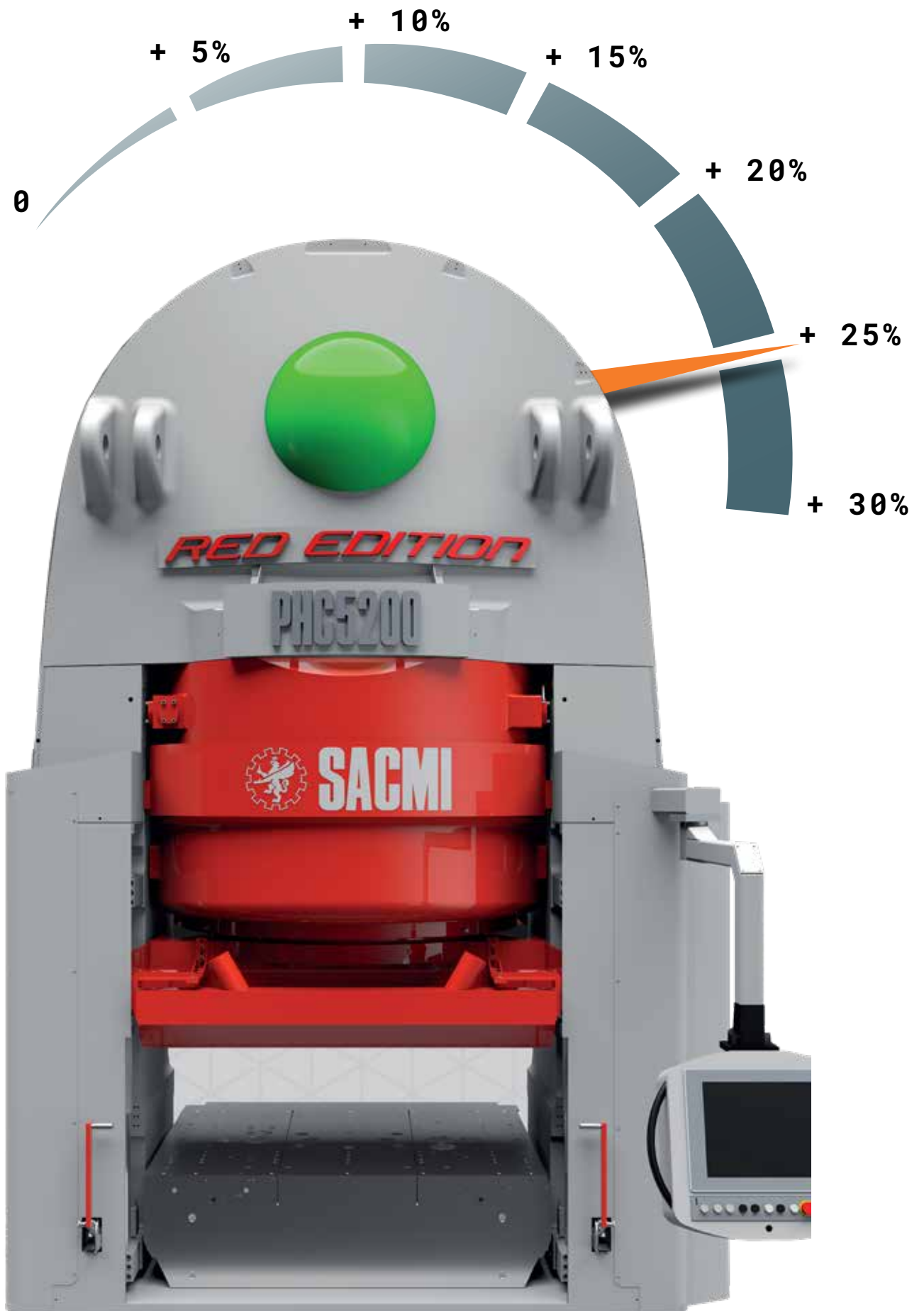


RED EDITION

PHC7200



SACMI



High speed pressing technology

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The **Red Edition**® is the most productive, powerful and connected SACMI press range ever.

The **PHC Series** is produced directly in China since 2006 to respond to the changing needs of a country that has the world's highest installed production capacity, a market characterized by growing demand for **large tile/slab** manufacturing quality, reliability and performance.

SACMI leads the world in traditional pressing by providing outstanding high-end solutions. Now, the new Red Edition® delivers the highest productivity on the market, with **output rates up to 25% higher** than those of the previous range. This development has been brought about by SACMI's global approach to pressing (the press-filling device 'system'), allowing optimization of every single stage to **maximize productivity according to the required product type and size**.

高速压制技术

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Red Edition是迄今为止最高效、最强大和最易于连接的萨克米压机系列。

为响应中国不断变化的市场需求,该系列压机自2006年起直接在中国生产。中国是世界上装机容量最高的国家,该市场的特点是对大尺寸砖坯/大板生产质量,可靠性和性能的需求正不断增长。

萨克米通过提供卓越的高端解决方案,在传统压制领域处于世界领先地位。如今,新型**Red Edition**® 红色系列提供了市场上最高的生产率,产量比之前的系列高出**25%**。

这一研制成果由萨克米的整体压制方法(压制-填充装置“系统”)带来,允许根据所需的产品类型和尺寸优化每一个阶段,以最大限度地提高生产率。



Large sizes. Long-lasting, reliable machine performance



The global tile market is experiencing growing demand for **ever-larger sizes** alongside the need to keep **productivity, profitability** and **plant availability** as high as possible.

In China, that trend has, over the years, resulted in the development and launch of **increasingly powerful presses**. Thanks to the use of only the highest quality components, these machines retain all the long-lasting reliability for which SACMI is renowned and allow production processes to be managed in a way that makes **full use of machine capacity** (i.e. operation at the maximum declared production rates) **without compromising long term performance or component lifespans**.

More efficient use of power (e.g. via proportional valves/actuators that control press cross-beam movement) is the hallmark of the SACMI machine range. Now, the Red Edition® sets a new standard for more efficient, versatile management of the market's most popular sizes, including the emerging **60x120, 120x120, 75x150, 80x160** and **90x180** cm formats.

大尺寸 机器性能稳定可靠



全球瓷砖市场对更大尺寸的需求正不断增长,同时需要保持尽可能高的生产率,盈利率和设备的利用率。

多年来,这种发展趋势促使萨克米在中国开发并推出了越来越强大的压机。

由于这些机器只使用高质量的部件,它们保持了萨克米设备所具有的长期可靠性,可以满负荷(即以最大生产率运行)的方式管理生产过程,而不会影响长期性能或部件寿命。

更有效用电(例如通过比例阀/执行器来控制压机横梁移动)是萨克米机器的标志。现在,**Red Edition®** 红色系列带来了更高效、多功能的新管理标准,用于生产市场上流行的产品尺寸,包含新出现的60x120,120x120,75x150,80x160和90x180cm



Connectivity: towards the 4.0 ceramic factory

The fastest and most connected press on the market. The PHC Red Edition® is the trailblazer for a new generation of presses featuring integrated automation. With its **cutting-edge sensors and an Ethernet Powerlink field bus with ultra-high data carrying capacity**, these machines pave the way for a new generation of pressing solutions designed to enable the establishment of 4.0 ceramic factories. Every model in the new range is equipped to this standard. This approach allows for a **rethink of the pressing/forming process as part of a broader system**, a 'smart factory' where each stage of production returns a dataset that can be used to monitor, control and improve the entire process.

Equipped with a **19" HMI touchscreen** for user-friendly control of every parameter, the Red Edition® is natively designed to be integrated with the customer's own factory supervisors. Furthermore, all latest-generation PHC machines incorporate a tool to monitor real-time energy consumption (the data can also be viewed remotely).

Lower maintenance costs, improved ROI

Maintenance costs are often difficult to assess at the time of making an investment. They can significantly affect both **profitability** and condition **plant availability** depending on the extent and duration of maintenance-related downtimes.

With its trademark **on-press automation** - electronic components, field bus, simplified HMI - the Red Edition® lets SACMI provide the best reliability on the market while reducing long-term maintenance requirements, even where the machines are used to full capacity.

A **simplified interface** and an **advanced control system** allow the operator to keep all parameters under control at all times and, via a comprehensive warning system, immediately identifies the origin of any defect. This streamlines tasks, reducing machine downtimes. Lastly, the new features let manufacturers make use of scheduled maintenance plans; these ensure components are only replaced when necessary and provide advance warnings of any problems or drifts away from production parameters. To complete the picture, **assistance and original spare parts services** are always available on-site via SACMI's facilities in China and throughout South East Asia.

连通性： 迈向4.0陶瓷工厂

市场上速度最快、连通性最好的压机。**PHC Red Edition®** 系列是新一代压机的先驱，具有集成自动化功能。凭借其先进的传感器和具有超高数据承载能力的以太网**Powerlink**现场总线，该系列机器为新一代冲压解决方案铺平了道路，使4.0陶瓷工厂得以建立。新系列中的每款型号都将按照此标准配备。这种方法可重新考虑压制/成型过程，将其作为更广泛系统的一部分，即“智能工厂”，其中每个生产阶段都返回一个数据集，可用于监控、控制和改进整个过程。配备**19英寸HMI**触摸屏，方便用户控制每个参数，Red Edition®红色系列本机设计可与客户自己的工厂监控系统整合。最后，所有最新一代PHC机器都含有可监控实时能耗的功能（这些数据也可以远程查看）。

降低维修成本， 提高投资回报

维修成本通常在做一项投资时很难评估。维修相关的停机持续和延长的时间会大大影响盈利率和设备的利用率。

凭借其**on-press**自动化的特点（电子组件，现场总线，简化的HMI人机界面），萨克米Red Edition®红色系列在减少长期维修需要的同时，为市场上提供了最佳的可靠性，甚至让机器可以满负荷工作。简化的界面和先进的控制系统让操作员可以随时控制所有参数，并通过综合报警系统，立即查明缺陷产生的原因。

这简化了工作，并减少了停机时间。

最后，新功能让制造商能够使用定期维护计划；确保仅在必要时更换部件，并提供任何问题的事前警报或生产参数的偏离。

通过萨克米在中国和整个东南亚的办事处，让现场随时获得技术援助和原装备件服务。

More sustainable, more profitable



From a sustainability perspective, the Red Edition® generation offers two crucial, tangible and measurable advantages for the customer in terms of cost and environment-friendliness.

The solution **minimizes water and energy consumption**. Above all, from a process perspective, the exceptional Red Edition® pressing quality (in terms of uniformity, dimensional consistency, etc.) minimizes the need for any subsequent squaring and/or grinding.

In short, choosing the Red Edition® means choosing: **lower energy, tool and raw material costs and lower environmental impact**, an aspect that is now a must on every market, in every country.

Moreover, the significantly higher productivity of the new Red Edition® results in further enhancement of **sustainability** and **cuts costs** by lowering specific energy consumption (already one of the lowest in the category).

更可持续， 更加有利



从可持续发展的角度来看，Red Edition® 一代在成本和环境友好方面为客户提供了两个关键、具体而显著的优势。

该解决方案将水和能源消耗降至最低。最重要的是，从工艺角度来看，**Red Edition®** 红色系列卓越的压制质量（在均匀性、尺寸一致性等方面）最大限度地减少了后续对切边和/或打磨的需求。

简而言之，选择**Red Edition®** 红色系列意味着选择：更低的能耗、更低的工具和原材料成本以及更小的环境影响，这方面如今在每个国家的每个市场上都是必须的。

此外，新型Red Edition® 红色系列生产率的显著提高，进一步增强了产品的可持续性，并通过减少特定能耗（已经是该类别中最低能耗的设备之一）降低了成本。

Moreover...

SACMI is steadily developing new PHC Red Edition® models to meet every possible manufacturing requirement.

The SACMI team is at your disposal, ready to analyze your needs and identify the solution best suited to achieving your goals.

The PHC Red Edition® range

此外...

萨克米正稳步开发PHC Red Edition® 红色系列的新型号以满足每个可能的生产需求。

萨克米团队将随时根据您的需求进行分析并提供最适合您目标实现的方案。

PHC 红版压机系列

	Max pressing force (kN) 最大压制力 (kN)	Clearance (mm) 立柱间距 (mm)	Working width (mm) 工作宽度 (mm)	Max loading depth (mm) 最大布料深度 (mm)	Weight (t) 重量 (t)
PHC2890	27500	1750	1595	900	58
PHC3000	30000	2250	2085	900	77
PHC3500	35000	1750	1595	990	70
PHC4300	42000	1750	1595	1110	84
PHC5200	51000	1750	1595	1110	88
PHC6500	64000	2450	2275	990	160
PHC7200	70000	2100	1920	1000	140
PHC7500	75000	2450	2275	1340	180
PHC8200	82000	2450	2275	1340	195

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