



BEST PERFORMANCE AND MAXIMUM PROCESS SECURITY

最佳性能和最高工艺安全性

SERVICES AND MAINTENANCE FOR YOUR PROCESS LINES

为您的工艺生产线提供服务和维护

A safe and reliable long-lasting manufacturing plays the major role in today's food processing companies.

在当今的食品加工企业中，安全可靠、持久耐用的制造发挥着重要作用。

We like you to achieve the maximum cost-efficiency and highest production safety in daily operation to ensure your best and competitive leadership!

我们希望您在日常运营中实现最高的成本效益和最高的生产安全性，以确保您的竞争力以及领导地位！

RONO offers an extensive scope of after-sales services to maintain and repair your process machines and to optimise your production lines. Our experts in customer service will assist you around the world and define your specific need within our service range. In accordance with your individual process machines, we will serve you with all kind of spare parts and support you with our long-time experienced service technicians.

RONO 提供广泛的售后服务，维护和维修您的工艺过程机械，从而优化您的生产线。我们的客户服务专家将在世界各地为您提供帮助，并在我们的服务范围内确定您的具体需求。我们将根据您的个别工艺过程机械，为您提供各种零部件，并由我们长期经验丰富的服务技术人员为您提供支持。

■ SPARE PARTS

■ 零部件

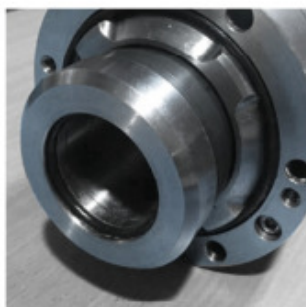
We supply spare parts for our RONOTHOR, pin worker and all other RONO process components as well as all spare parts suitable for the Kombinator, Perfector, Visco, Rotor. Consista- tor and many other process equipment.

我们为 RONOTHOR、碎料装置和所有其他 RONO 工艺部件提供零部件，以及适用于 Kombinator、Perfector、Visco、Rotor、Consistor 和许多其他工艺设备的所有零部件。

To secure the minimum downtime for maintenance and repair on site we give this service the highest priority and we supply all spare parts within shortest delivery time. 为确保现场维护和维修的停机时间最少，我们将维护和维修置于最高优先级，并在最短的交货时间内提供所有零部件。



Scrapper knives in various forms and material
各种形状和材料的刮刀



Mechanical seals, slide rings, bushes, bearings, springs, nipples, O-rings and others
机械密封、滑环、衬套、轴承、弹簧、螺纹接头、O 形圈等



Various types and sizes of cooling/heating cylinder
各种类型和尺寸的冷热料筒

■ MAINTENANCE & SERVICE AGREEMENT

■ 维修和服务协议

Our experienced service technicians will be happy to provide our comprehensive RONO services all over the world to you. We assist you to service, maintain and repair your machines and process components. RONO is also ready to take over the complete maintenance of your defined process plants.

我们经验丰富的服务技术人员将竭诚为您提供全世界范围的 RONO 服务。我们协助您维护和维修您的机械和工艺部件。RONO 随时为您提供特定工艺设备的二级维护。

Your production plant is our priority

您的生产设备是我们的重中之重

Our service agreements will help you to secure the regular maintenance of your production lines. Respecting all particular machine details, production hours and shifts, we define the necessary service intervals for your machines and your specific food products.

我们的服务协议确保您生产线得以定期维护。考虑到所有特定的机械细节、生产时间和班次，我们为您的机械和特定的食品确定了必要的服务周期。

Our factory trained engineers will assist you during the commissioning and start up of your machines and support your team with extensive training courses on site.

我们的工程师经过设备培训，将在您的机械调试和启动期间为您提供帮助，并在现场为您的团队提供广泛的培训课程。

We offer tailor-made training programs which are adjusted to your local production

facilities and your specified training requirements. All our training course will be supported by detailed technical instruction and service documents.

我们提供量身定制的培训计划，根据您当地的生产设施和您指定的培训要求进行调整。我们所有的培训课程都将提供详细的技术指导和服务文件。

■ OPTIMISATION OF PRODUCTION PL

■ 生产设备优化

It may be necessary to use your process plant for new products and adapt them to current market trends. The end-consumer demands a specific product and new recipe with different consistency and texture or just a higher capacity output is required.

可能需要使用您的工艺设备来生产新产品，并使其适应当前市场趋势。终端消费者需要一种特定的产品和具有不同稠度和质地的新配方，或者只需要更高容量的输出。

RONO will be pleased to assist you with any kind of recipe development and adaptation to your production plant. Our food technologists and engineering experts will inspect and evaluate your current process line and analyze the best solution based on your specific demands.

RONO 将很高兴帮助您进行任何类型的配方研发和并使其适用于您的生产设备。我们的食品技术专家和工程专家将检查和评估您目前的工艺路线，并根据您的具体需求分析最佳解决方案。

We will recommend a reasonable upgrade and modification of all single process components to adapt your production plant to the new demands. That goes along with our proposal how to adjust and modify your manufacturing line to obtain the highest capacity output and best energy saving.

我们将建议对所有单一工艺部件进行合理升级和改造，以使您的生产设备适应新的需求。这与我们的生产线调整和修改计划相符，从而获得最高的产量和最佳的节能。

With this detailed economic analysis you will also receive our experiences recommendations to meet a moderate payback time and to reach a maximum lifetime value.

通过这一详细的经济分析，我们还将为您提供我们的经验建议，以满足适当的投资回报时间，并达到最大的终身价值。

■ REFURBISHMENT & COMPLETE REVAMP

■ 整修和全面改造

Your machines and process lines are defective and can no overhauling and repairing your machines and will then prolonger be used in your daily production but it's just too bad to vide you with a comprehensive offer for a complete refurbish-scrap them. RONO will be happy to evaluate the options for ment or just an update to the latest state of the art technique.

您的机械和工艺生产线有缺陷，因此无法用于日常生产，但报废又太可惜了。RONO 将很乐意对您的机械进行检修和维修选择进行评估，然后为您提供全面的整修方案或最新技术更新方案。

BEFORE
整修前



The different steps of a complete refurbishment are carried out by well experienced technicians in our own workshop
由经验丰富的技术人员在我们的车间进行全面整修的不同步骤

AFTER
整修后



After complete refurbishment it is like a new machine, including all material approvals, certificates and documentation
完成整修后，仿佛是一台新机械，包括所有材料批准、证书和文件

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Food Technology
Solutions
食品技术解决方案