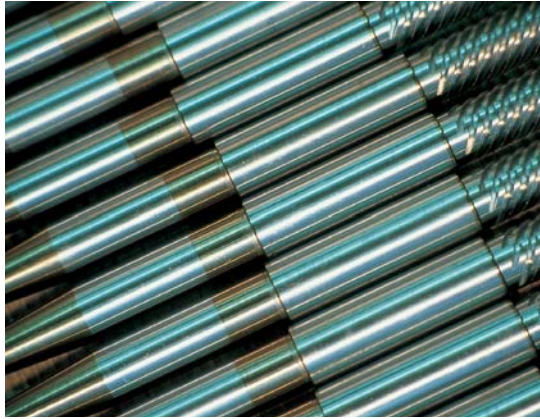




GEA Westfalia Separator Systems
Original Parts



Don't be satisfied with less

Original parts designed precisely for their purpose

Always at your side

Globalization confronts service in mechanical engineering with new and changing challenges every day. GEA Westfalia Separator Systems fulfills these requirements with its worldwide network of over 50 subsidiaries providing replacement parts, service support and authorized workshops around-the-clock. When needed, factory trained service specialists are available 24 hours a day, 365 days a year anywhere in the world. If major components such as bowl bottoms, bowl tops, scrolls, drives, etc. are unexpectedly not repairable onsite, GEA Westfalia Separator Systems keeps a stock of complete bowl assemblies and replacement scrolls to assure you that any production outages are reduced to a minimum. Components sent to a "Westfalia Authorized Workshop", are then repaired in the shortest possible time using methods of repair to restore them to original design specifications that only we know and put back into service.

Incalculable Risk Non-original parts

Separators and decanters are extremely efficient in a wide range of applications, and meet extremely stringent requirements in terms of the quality and quantity of the product to be processed in continuous operation. If the machines are regularly maintained and if original GEA Westfalia Separator Systems spare parts are used, safe, reliable operation and a high degree of availability are ensured. Anybody who installs non-original parts from the grey market in separators and decanters possibly to achieve savings of a few Euros is exposing himself and others to considerable risk.

There is no justification for such risk.

Liability problem: civil and criminal law

Enormous forces are developed in centrifuges. When machines are rotating at speeds of up to 20,000 times gravity, everything right down to the last detail has to be perfect. This is logical. Anybody who is responsible in a company for technology or safety is aware of this.

If a company nevertheless purchases lower quality non-original parts to save money, this can only be achieved particularly at the expense of safety, and such a solution will involve a safety problem for the company itself and for others. If the use of lower-

quality non-original parts causes people to be injured, the courts in all countries institute proceedings on the grounds of bodily harm, and in certain cases even on the grounds of manslaughter due to omission. In addition, labour safety laws throughout the world are becoming increasingly important, as are the efforts to enforce the stipulated standards. GEA Westfalia Separator Systems considers that it is part of its information duty to draw attention to these problems that are becoming increasingly serious. Every person with appropriate responsibility has to consider thoroughly whether he will use non-original parts from the grey market in safety-sensitive areas (which may be cheaper in the short term, but which frequently involve a higher level of risk). In the final analysis, the fact that lower quality spare parts are frequently subject to higher levels of wear means that no savings are achieved.

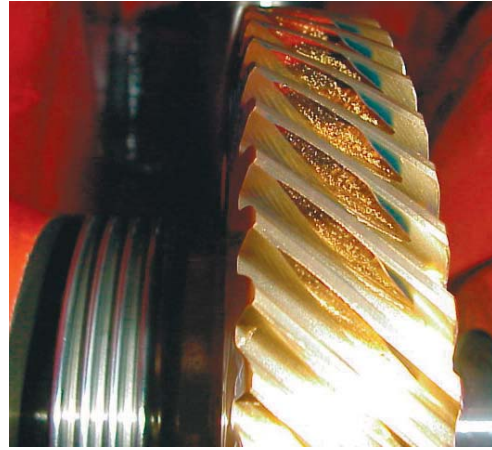
Don't succumb to false economy Original or counterfeit?

One thing is sure: anybody who installs "foreign" parts in one of our machines is installing uncontrolled weaknesses in a perfectly balanced product. The possible consequences: unplanned stoppages, substantial loss of performance, poor product quality or even expensive mechanical damage. In addition, GEA Westfalia Separator Systems can no longer accept any liability. So go on the safe side. Trust GEA Westfalia Separator Systems: tested reliability instead of incalculable risks.

Quality cannot be copied

Quality is what matters. Some centrifuges have been operating 24 hours a day for 30 years. Who would not pay extreme attention to the right brakes if he were to use his car to travel around 24 hours every day? Would Michael Schumacher want to start with untested tyres?

Centrifuges are extremely precise machines that are exposed to extreme loads and require high quality steels. As with the wings of a civil aircraft, the mechanical strength values of the material have to be exactly right to cope with the movement and deformation. Original parts from GEA Westfalia Separator Systems have been designed specifically for our separators and decanters in terms of: dimension, material quality and production methods.



Your Benefit at a Glance

Service	What we offer you	Your benefit
Original parts	<ul style="list-style-type: none"> ■ Advice on storing spare parts ■ Check of design status ■ Delivery of small lot sizes ■ Availability of spare part kits ■ Consulting and preparation of offer for machine conversion 	<ul style="list-style-type: none"> ■ Tested safety of calculable criteria ■ Long machine life ■ Warranty ■ High availability, also for older machines ■ Short-term production ■ Small lot sizes
Shipping	<ul style="list-style-type: none"> ■ Large and pallet consignments by carrier ■ Small consignments and packages by courier or express service ■ Spare parts delivered to you daily at agreed times ■ Shipment worldwide 	<ul style="list-style-type: none"> ■ Logistics to suit your needs
Further related brochures are available:	<ul style="list-style-type: none"> ▶ Authorized Workshops ▶ Skills Management ▶ Original Manufacturer Field Service ▶ Service Agreements 	

Interested to learn more about this or the other Original Manufacturer Services from GEA Westfalia Separator Systems?

Then please don't hesitate to contact us via the addresses below.

wshh-spares@geagroup.com

The information contained in this brochure merely serves as a non-binding description of our products and is without guarantee.

Binding information, in particular relating to capacity data and suitability for specific applications, can only be provided within the framework of concrete inquiries.

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Mechanical Separation

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